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JOBBERS OF

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Iron, Metals, Etc.

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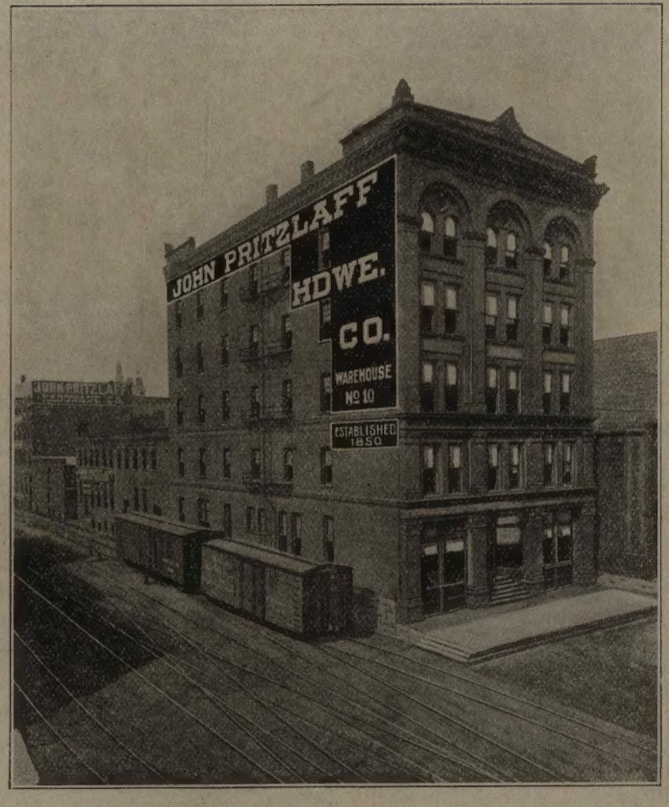

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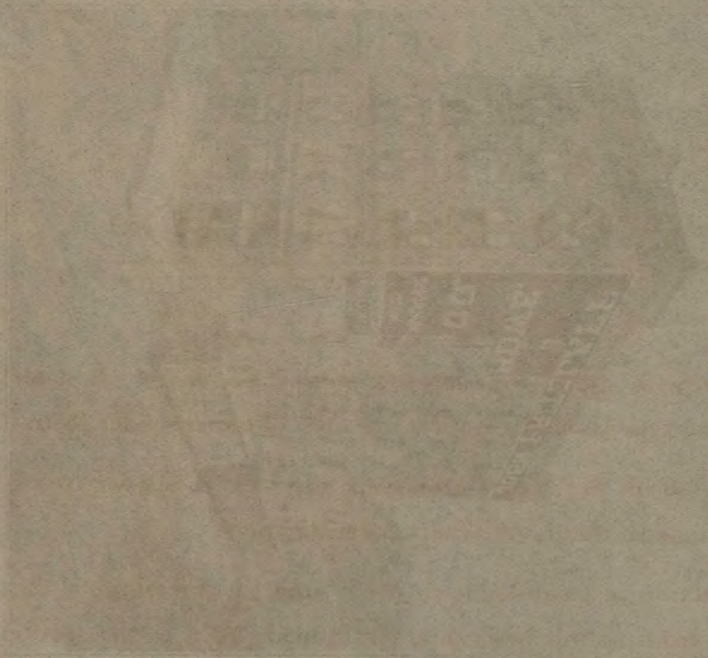

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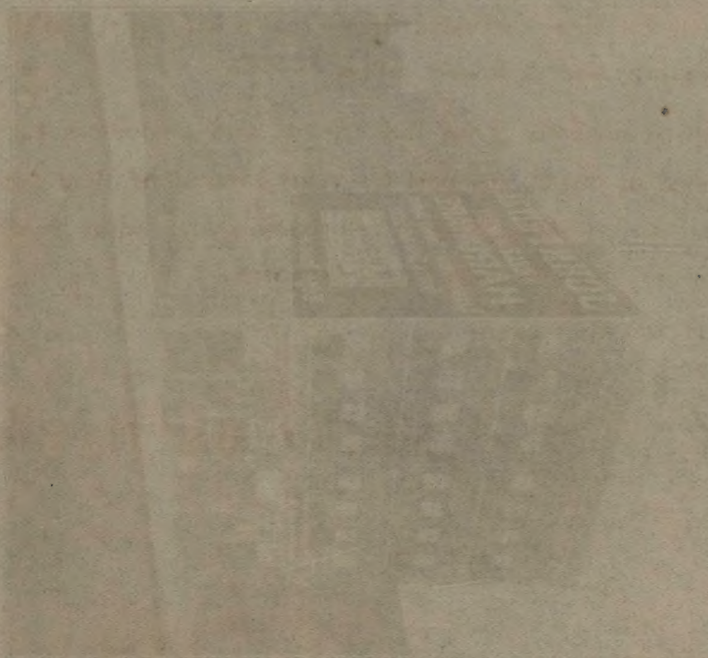

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E. A. BOUER COMPANY
MILWAUKEE

TO THE TRADE

We herewith submit our latest General Catalogue in which we have illustrated and described our entire line in a plain, compact form.

Make void all previous Catalogues and Price Lists and refer to numbers and descriptions in this book when ordering goods.

Each section is a catalogue in itself, and by referring to the department index at the front of this book you can quickly turn to the section desired by means of the thumb index along the front edge. The binder is constructed in such a manner that any section may be removed and a new one inserted.

We earnestly request you to insert the New Sections immediately upon their arrival.

Lists used are in most cases OUR OWN, and discounts will be quoted on application.

Our MAIL ORDER DEPARTMENT is at your service, and all mail orders are filled promptly and at lowest prices.

We wish to sincerely thank our friends and customers for the many favors extended us during the past 65 years, and hope that this Catalogue may become their reference book of information, and aid us in accomplishing the end we desire, which is an increased business.

Very truly yours,

John Pritzlaff Hardware Co.

DEPARTMENTS

	Pages.
No. 1—Mechanics' and Edge Tools, . . .	***1 to 326***
No. 2—Farming Implements and Miscellaneous Hardware, ...	***401 to 526***
No. 3—Harness, Strap Work and Saddlery Hardware, Bells, Whips, Curry Combs, Horse Brushes and Stable Fixtures, ...	***601 to 700***
No. 4—Builders' and Shelf Hardware, . . .	***751 to 1022***
No. 5—House Furnishing Goods, Coffee Mills, Scales, Refrigerators, Etc., ...	***1101 to 1294***
No. 6—Enameled Steel Ware, Japanned and Galvanized Ware, Pieced and Stamped Tinware, Copper and Nickel Plated Ware, ...	***1401 to 1492***
No. 7—Blank Books, Lead Pencils and Office Supplies,	***1551 to 1572***
No. 8—Pocket and Table Cutlery, Razors, Scissors, Etc.,	***1601 to 1708***
No. 9—Guns, Rifles, Revolvers, Ammunition, Powder, and Canvas Clothing, ...	***1801 to 1891***
No. 10—Bicycles, Bicycle Sundries, Flashlights, . .	***1951 to 1976***
No. 11—Skates, Sleds, Express Wagons; Trunks, Bags, Etc.,	***2001 to 2026***
No. 12—Fishing Tackle, Base Ball Goods, Tents, Hammocks, Boxing Gloves, Foot Ball Goods, Etc.,	***2051 to 2208***
No. 13—Tin Plate, Sheet Steel, Steel Roofing, Siding, Conductor Pipe, Eaves Trough, Tinners' Machines, Tools and Supplies, ...	***2251 to 2307***
No. 14—Iron, Steel, Bolts, Nuts, Washers and Blacksmiths' Hardware, ...	***2351 to 2388***
Weights and Useful Tables, ...	***2389 to 2396***
Freight Classification	***2397 to 2404***

INDEX.

A

PAGE

Abdominal Supporters 2175
Accordion Files—Letter 1557
Adjustable Bushings—Bard 323
Adjustable Caliper Gauges 227
Adjustable Drawing Knives 145
Adjustable Iron Planes .....
157, 159, 160, 163 to 168, 173
Adjustable Scraper Planes..... 178
Adjustable Sleeve Scribers 232
Adjustable Wrenches 288, 289
Adjustable Tap Wrenches 320
Adjusters—
Casement Window 937
Pitch 201
Window Stop 939
Adze Handles 53, 56
Adzes—
Coopers' 417
House Carpenters' 19
Railroad 19
Ship 18
Aerators—Milk 1466
Agricultural Wrenches 286
Air Chambers—Boat 2148
Air Cushions 2150
Air Rifle Darts 1822
Air Rifle Targets 1822
Air Rifle Shot 1849
Air Rifles 1821, 1822
Air Tight Heaters 1247
Alarm Bells 875
Alarm Clocks 1707, 1708
Alarm Money Drawers 1287
Alcohol—Denatured 1269
Alcohol Stoves 1244
Alfalfa Forks 402
Alligator Wrenches 290
All-Round Trucks 482
Aluminum Darbies—Plasterers' .. 246
Aluminum Hawks 246
Aluminum Paint 1240
Aluminum Spoons 1701
Aluminum Ware .....1439 to 1445
Always Ready Wrenches 290
Ammeters—
Pocket 878, 1969
Pocket Volt 878, 1969
Ammunition .....1830 to 1840
Ammunition Cases 1861
Anchors—
Boat 2149
Decoy Duck 1866
Screw 2365
Angel Cake Pans 1477
Angle Dividers 186
Angle Steel 2353
Angle Worms 2114
Angles—Structural Steel 2353
Angular Borers 106
Animal Catchers 517
Animal Plates 1478
Ankle Bandages 2176
Ankle Supporters 2003, 2176
Annealed Sheet Steel 2253

A

PAGE

Annealed Steel Wire.....2279, 2280
Antimony 2277
Anti-Rattlers 2382
Anti-Rust Ropes 1855
Anvil Vises 302
Anywhere Steel Shelves 972
Anvils—
Blacksmiths' 303
Farmers' 303
Horse Shoers' 303
Plow 303
Saw 92
Anvils and Vises Combined..... 302
Apple Corers 1146, 1456
Apple Parers 1147
Apron Pants—Oiled 2134
Aprons—
Blacksmiths' 254
Buggy, Storm 670
Carpenters' 254
Lumbermen's 254
Aquarium Nets 2141
Arbors—Grindstone 271
Arch Files—Letters 1557
Architects' Levels 239
Architects' Rules 204
Arms—Panel Plow 175
Arrows—Surveying 241
Artificial Bass Flies.....2118, 2119
Artificial Frogs 2113
Artificial Insects 2115
Artificial Trout Flies ...2115 to 2119
Asbestos Lined Sad Irons..... 1192
Asbestos Paper 1016
Asbestos Stove Mats 1490
Ash Can Covers 1430
Ash Cans 1430
Ash Pit Doors 1239
Ash Sifters 1235
Asparagus Knife 415
Asphalt Mattocks 50
Assembling Corners 2384
Assembling Plates 2384
Assortments—
Bass Fly 2119
Bicycle Bell 1965
Bird Cage 1273, 1274
Bucktail 2109
Carpet Tack 997
Carpenter Pencil 1566
Carriage Heater 700
Cork Screw 1172
Dog Collar 1873
Door Key .....815 to 817
Dripping Pan 1491
Fishing Tackle 2125
Fish Line 2080
Fly Killer 1220
Hardware 896
Insect 2115
Key Blank 816
Kitchen Knife 1667
Ladies' Scissors 1656
Lather Brush 1642

A

PAGE

Assortments—*Continued.*
Lead Pencil 1564
Liquid Glue 1022
Match Safe 1703
Mortise Key 815
Needle 1282
Neverleak Tire Fluid..... 1976
Night Latch 753
Ornamental Hinge 891
Padlock .....853 to 856F
Pot Cover 1483
Pen Holder 1567
Punch 134
Putty Knife 1662
Razor 1632
Rim Key 817
Rosette 683
Scissors 1656
Scythe Stone 420
Shear 1651
Shear and Scissor..... 1655
Steel Letter and Figure... 1134
Thermometer 1195, 1196
Trolling Bait 2099
Tweezer 1661
Varnish Brush 1184
Vise 295, 296
Whip 688, 689
Wire 2280
Wooden Minnow 2110
Athletic Coats 2173
Athletic Stockings 2173
Athletic Supporters 2175
Atomizers—Plant 434
Attachable Spoons 2097
Attachments—
Drilling 111
Garden Drill 411
Grinder 275, 1646
Horse Clipping 1647
Micrometer 226
Ratchet 323
Sausage Stuffing ...1143, 1144
Screw Driver 113
Sheep Shearing 1645
Square 224
Surface Speed 238
Tinners' Treadle 2281
Twist Drill Grinding..... 275
Wrench 290
Wringer 1202
Auger Bit Boxes 120
Auger Bit Files 285
Auger Bit Rolls 120
Auger Bit Sets .....118 to 120
Auger Bits 121, 122
Auger Bits—Ship 122
Auger Handles 154
Augers—
Boring Machine 124
Carpenters' Nut 124
Millwrights' 123
Post Hole 463, 464
Self-Priming Pump 1138

A

PAGE

Augers—*Continued.*
Ship 122
Auto Pliers 257
Auto Wrenches 287, 291
Autoloading Rifles 1815
Autoloading Shot Guns 1806, 1810
Automatic Alarm Bells 875
Automatic Boring Tools 112
Automatic Drills 112
Automatic Knife Grinders 1646
Automatic Nailers 44
Automatic Oilers 1270
Automatic Pistols—
Colt's 1826
Luger 1827
Savage 1827
Automatic Pocket Borers 112
Automatic Punches 237
Automatic Screw Drivers 113
Automatic Wood Faucets 1135
Automobile Filling Cans 1267
Automobile Funnels 1267
Automobile Heaters 700
Automobile Gasoline Cans 1267
Automobile Kits 219
Automobile Lifting Jacks ...504, 505
Automobile Measures 1267
Automobile Oil 1268
Automobile Robes 669
Automobile Screw Plates....317, 319
Automobile Storage Stands 505
Automobiles 2011
Auxiliary Cartridges 1840
Auxiliary Rod Handles 2062
Awl Handles 152
Awls—
Brad 151
Belt and Plyers.....2378
Chalk Line Reels and..... 152
Handled Brad 152
Harness 151
Marking 2305
Peg 151
Saddlers' 151
Scratch 2305
Sewing 151
Stitching 151
Tinners' Marking 2305
Tinners' Scratch 2305
Awning Hooks 984
Awning Pulleys 951, 952
Axe Handles 53, 56, 57
Axe Handles—Boys' 53, 57
Axe Sheathes 1867
Axe Stones 265, 267
Axes—
Boys'. Handled 16
Boy Scout 16
Broad 20
Bush 45
Butchers' 19
Coopers' 147
Double Bitted .....2 to 11
Fireman's Handled 19
Handled .....13 to 16
Hatchet 28
Hunting 1867
Ice 19
Men's Handled .....13 to 15

A

PAGE

Axes—*Continued.*
Peeling 12
Ship 18
Single Bitted .....2 to 12
Wedge 12
Axe Wedges 49
Axle Grease 698
Axle Oil 698
Axle Sets—Bicycle 1962
Axle Washers 2380

B

Babbitt Metal 2277
Baby Baths 1404
Baby Food Cups 1420
Baby Spoons .....
1685, 1687, 1692, 1696
Baby Warren Hoes 414
Back and Hip Straps—Team.... 639
Back Bands—Team 645
Back Flaps 887
Backing Knives 146
Back Rests 2148
Back Saw Handles 91
Back Saws 76
Backs—Fire 1237
Badger Traps 871
Bag Keys 871
Bag Trucks 480
Bag Twine 1127
Baggage Trucks 970
Bags—
Bat 2179
Bicycle Tool 1963
Bricklayers' Tool 254
Carry All 1861
Feed 670
Fish 2142
Masons' Tool 254
Mechanics' 254
Nail 1126
Outing 2026
Oxford 2024, 2025
Pastry 1489
Plasterers' Tool 254
School 2026
Shell 1861
Shot 1126
Striking 2198, 2199
Traveling 2024, 2025
Uniform 2179
Bail Formers 2293
Bailed Griddles.1440, 1486, 1488, 1490
Bailey's Planes 161, 162
Bait Box Straps 2139
Bait Boxes 2137
Bait Rods .....2051 to 2061
Baits—
Bucktail 2109
Fish....2107, 2108, 2113, 2120
Muscallonge 2106, 2120
Rubber Trout and Bass... 2114
Bake Pans—
Garnet Enameled 1424
Porcelain White and White 1402
Bakers—Potato 1224
Balance Beams 1108

B

PAGE

Balances—
Fish 2132
Ice 1106
Sash 946
Spring 1106, 1107
Bale Ties 469
Balers—Waste Paper 1124
Ball Bats—
Base 2180
Indoor Base 2208
Ball Bearing Butts 880
Ball Bearing Casters 970
Ball Pein Hammers 36, 37
Ball Points—Starrett's 235
Ball Scales 1112
Balls—
Base 2177, 2178
Basket 2206, 2207
Bicycle 1966
Foot 2201, 2202
Fuller 1136
Hame 660
Indoor Base 2208
Medicine 2208
Pennant Rubber 2179
Picnic 2179
Playground 2178
Recreation 2178
Rubber 2179
Rugby Foot 2201, 2202
Soccer Foot 2201
Volley 2208
Balm—Tire 1976
Banana Hoists 499
Banana Knives 1666
Bandages—
Ankle 2176
Elbow 2176
Knee Cap 2176
Wrist 2176
Band Iron 2351
Band Knives 423
Band Saw Files 284
Band Saws 60
Band Steel 2352, 2354
Bands—
Back, Team 645
Belly 640
Hose 432
Poultry Leg 523
Reel 2068
Rubber 1568
Shingle 2254
Wrist 447
Bankers' Shears 1651
Bar Folders—Tinners' 2281, 2283
Bar Grips—Handle 1960
Bar Ice Shaves 1170
Bar Iron 2351
Bar Iron Cutter 313
Bar Lead 2277
Bar Sash Lifts 941
Bar Staples 2385
Bar Steel 2352
Bar Stems—Handle 1961
Bar Tin 2277
Barbed Blind Staples 1000
Barbed Wire 467
Barbed Wire Lifters 467

B

PAGE

Barbed Wire Nails .....1002 to 1004
Barbed Wire Trucks 482
Barbers' Clippers 1644
Barbers' Shears 1652
Bard Adjustable Bushings 323
Barge Spikes 1009
Bark Forks 406
Bark Spuds 493
Barley Fork Handles 416, 417
Barley Forks 402, 403
Barn Brooms 1190
Barn Door Elbow Catches..... 840
Barn Door Hangers.....958 to 961
Barn Door Hasps and Latches... 840
Barn Door Latches 840, 841
Barn Door Locks 841
Barn Door Rail 962, 963
Barn Door Rollers 962, 963
Barn Door Stay Rollers..... 962
Barn Paints 1019
Barn Shovels 462
Barometers 1196
Barrel Bolts 918
Barrel Carts 489
Barrel Churns 1216
Barrel Nails 1005, 1008
Barrel Reflectors 1829
Barrel Trucks .....480 to 482
Barreling Hatchets 28
Barrett Jacks 506
Barrows—
- Barrel Tray 486
- Coal 485, 486
- Concrete 484, 485
- Contractors' .....483 to 485
- Dirt 486
- Dump 487
- Garden 487
- Mining 484
- Mortar 487
- Railroad 486
- Sawdust 486
- Steel .....483 to 486
- Steel Tray 486
- Stone 488
- Tubular Steel .....483 to 488
- Wheel .....483 to 488

Bars—
- Bicycle Handle 1960
- Car Mover 52
- Carpenters' 52
- Claw 52
- Clothes 1203
- Crow 52
- Handle (Bicycle) 1960
- Lining 52
- Motor Bike Handle..... 1960
- Pinch 52
- Ripping 52
- Swage, Saw Makers'..... 92
- Towel 1175
- Wedge 52

Base Ball Bats 2180
Base Ball Belts 2173
Base Ball Caps 2173
Base Ball Clothing .....2171 to 2173
Base Ball Coats 2173
Base Ball Goods .....2177 to 2195
Base Ball Guides 2174

B

PAGE

Base Ball Shoes 2174
Base Ball Uniforms 2171, 2172
Base Balls 2177, 2178
Base Boards—Convex 1015
Base Knobs 917
Base Switch 887
Basemen's Mitts 2195
Basement Window Sets 916
Bases—
- Base Ball 2195
- Hardware Cabinet ..1292, 1293
- Indoor 2208

Basins—
- Garnet Enameled 1427
- Wash, Galvanized 1428
- Wash, Polar, Blue and White 1404
- Wash, Porcelain White and White 1404
- Wash, Royal Enameled... 1418
- Wash, Stamped Tin..... 1417
- Wash, White and White.. 1404

Basket Ball Bladders 2207
Basket Ball Goals 2207
Basket Ball Guides 2208
Basket Ball Pads 2204
Basket Ball Pants 2206
Basket Ball Score Books 2208
Basket Ball Shirts 2206
Basket Ball Shoes 2205
Basket Balls 2206, 2207
Basket Grates—Stove 1237
Basket Straps—Basket 2139
Baskets—
- Canvas 450
- Clothes 450
- Coal 450
- Desk 1558
- Factory or Farm..... 450
- Fish 2139
- Grain 449
- Laundry 450
- Market 450
- Splint 450
- Stave 449
- Trout 2139
- Waste 1558
- Wire 449

Bass Baits 2114
Bass Flies 2118, 2119
Bass Fly Assortments 2119
Bass Fly Spoons 2122
Bass Spinners 2108, 2120, 2122
Bass Spoons 2122
Bastng Spoons—
- Aluminum 1443
- Garnet Enameled 1425
- Porcelain White and White 1403
- Polar, Blue and White..... 1407
- Royal Enameled 1415
- Stamped Tin 1481
- White and White..... 1407
- Wooden 1214

Bat Bags—Base Ball..... 2179
Bath Room Door Lock Sets..... 787
Bath Room Fixtures ....1173 to 1176
Bath Room Scales 1120
Bath Tub Seats 1174

B

PAGE

Baths—
- Baby 1404
- Bird 1276
- Foot Galvanized 1432
- Foot, Garnet Enameled... 1427
- Foot, Japanned 1427
- Foot, Royal Enameled.... 1419
- Hip 1437
- Infant, Galvanized 1432
- Infant, Japanned 1437
- Infant, Porcelain White and White 1404
- Plunge 1437

Bats—
- Base Ball 2180
- Indoor Base Ball..... 2208

Battery and Bulb Tester..... 1968
Battery Connectors 876
Batteries—Dry 876
Bead Planes 176
Bead—Metal Corner 2262
Beaded Ceiling—Steel 2263
Beaded Siding—Steel 2263
Beader and Crimper.....2282, 2289
Beaders—
- Hand 181
- Stove Pipe 2289

Beading Machines....2282, 2289, 2290
Beading Planes 166, 176
Beading Tools 249
Beakhorn Stakes 2295
Beam Travelers—I 502
Beams—
- Balance 1108
- Scale 1108

Bean Planters 442
Bean Pots 1450
Beam Trammels 236
Bear Traps 1228
Beaters—
- Carpet 1192
- Egg 1222
- Hotel Egg or Sponge..... 1473

Beating Bowls—Hotel 1473
Beaver Traps 1228
Bed Casters 976
Bed Pans—
- Porcelain White and White 1404
- Royal Enameled 1419

Bed Rock Planes 159
Bed Spring Staples 1000
Beds—Camp 2161
Beef Cutters 1138
Beef Shavers 1138
Beet Forks 412
Beet Hoes 412
Beet Slicers 1445
Beet Tools 412
Beet Topping Knives 412
Beet Weeders 412
Belgium Ointment 435
Bell Assortments—Bicycle 1965
Bell Hangers' Drill Bits..... 128
Bell Hangers' Gimlets 128
Bell Sets—Electric 875
Bellows—
- Hand 312
- Moulders' 312

B

PAGE

Bells—
- Alarm 875
- Automatic Alarm 875
- Bicycle 1964, 1965
- Body, Strap 697
- Call 521
- Cow 519
- Door 873, 874
- Dumb 2156
- Electric 877
- Farm 520
- Gong 875
- Hand 520
- Horse Car 697
- House 697
- Milkmen's 520
- Open House 697
- Push Button Door....873, 874
- Rotary Door 873, 874
- Saddle Chime 696
- Shaft Chime 696
- Sheep 520
- Sleigh 696, 697
- Stock 519

Belly Bands 640
Belt Awls and Pliers..... 2378
Belt Cutters 2378
Belt Dressing 2378
Belt Hooks 2377
Belt Lacing 2378, 2379
Belt Makers' Plane 164
Belt Punches 135
Belt Rivets 2373
Belt Rivets and Burrs..... 2373
Belt Studs 2377

Belts—
- Base Ball 2173
- Cartridge 1859
- Holster 1859
- Sewing Machine 1282
- Shell 1859

Bench Closers 1854
Bench Drills 308
Bench Hatchets...21 22, 23, 24, 25
Bench Hatchet Handles.....53, 54
Bench Hooks 154
Bench Lifters—Moulders' 251
Bench Planes.....160, 161, 173, 174
Bench Plates 2297
Bench Punches 313
Bench Rules 207, 2297
Bench Screws 155
Bench Shears 2287, 2305
Bench Stops 154
Bench Wash Machines 1210
Bench Wringers 1200

Benches—
- Cabinet Makers' 217
- Manual Training 217, 218
- Park 2159
- Wash 1201
- Wringer 1201

Bent Trimmers 1650, 1651

Berlin Kettles—
- Aluminum 1440, 1441
- Garnet Enameled 1422
- Polar, Blue and White... 1406
- Porcelain White and White 1401
- Royal Enameled 1411

B

PAGE

Berlin Sauce Pans—
- Garnet Enameled 1422
- Royal Enameled 1412

Berlin Sauce Pots.....1412. 1422
Berlin Tea Pots..... 1401
Bernard's Pliers 255, 256

Berry Spoons—
- Silver Plated .....
  1685, 1688, 1692, 1696, 1699
- Sterling Silver 1700

Bevel Box Steel 2352
Bevel Protectors 224, 227
Bevel Try Squares 193

Bevels—
- Combination 193, 228
- Improved 228
- Machinists' 228
- Sliding T 193
- Universal 228

Bibbs—
- Compression 1136
- Fuller 1136
- Hose 1136
- Plain, Brass 1136

Bicycle Balls 1966
Bicycle Bells 1964, 1965
Bicycle Bell Assortment 1965
Bicycle Chains 1963
Bicycle Cyclometers 1974
Bicycle Electric Lamps 1968
Bicycle Foot Pump 1972
Bicycle Gas Lamp 1967
Bicycle Hand Pump 1973
Bicycle Handle Bars 1960
Bicycle Enamel 1976
Bicycle Lamps 1967, 1968
Bicycle Nuts 1962
Bicycle Oilers 1974
Bicycle Oil 1976
Bicycle Oil Lamp 1967
Bicycle Padlocks 1964
Bicycle Pedals 1959
Bicycle Pumps 1972, 1973
Bicycle Repair Parts 1955
Bicycle Saddles 1961
Bicycle Stands 1966
Bicycle Screws 1965
Bicycle Tires 1956, 1957
Bicycle Tool Bags 1963
Bicycle Valves and Stems..... 1957
Bicycle Washers 1962
Bicycle Whistles 1964
Bicycle Wrenches 1974

Bicycles—
- Boys' 1954
- Girls' 1954
- Juvenile 1954
- Ladies' 1952
- Men's .....1951 to 1953

Bill Posters' Tacks..... 998

Binders—
- Load 423
- Transfer (Ledger) 1552

Binding—
- Leather (Ski) 2006
- Linoleum 1229
- Oil Cloth 1229

Binding Nails—Oil Cloth..... 1229

B

PAGE

Bins—
- Flour 1433
- Nail 1293

Bird Baths 1276
Bird Cage Assortments....1273, 1274
Bird Cage Cups 1276
Bird Cage Hooks 974
Bird Cage Springs 1276
Bird Cage Trimmings 1276
Bird Cages .....1273 to 1276
Bird Carvers 1677
Bird Shears 1678
Biscuit Cutters 1445, 1458
Biscuit Pans 1478
Bit and Square Levels..... 201
Bit Boxes—Auger 120
Bit Braces .....101 to 105
Bit Files—Auger 285
Bit Gauges 181
Bit Holders 106
Bit Rolls—Auger 120
Bit Snaps 672
Bit Stock Drill Bits 128
Bit Stock Drill Sets 126
Bit Stock Reamers 131

Bits—
- Auger .....118 to 122
- Bell Hangers' Drill..... 128
- Bit Stock Drill..... 128
- Blacksmith Drill 127
- Brace 129
- Bridle .....685 to 687
- Car 133
- Center 130
- Countersink 130, 131
- Double Cut Gimlet..... 129
- Dowel 124
- Drill, Twist 127, 128
- Driving 686
- Electricians' Drill 128
- Expansive 125
- Gimlet 129
- Lip 129
- Lolling 686
- Machine 124
- Overcheck 686
- Port 687
- Reamer 131
- Screw Driver 113, 130
- Ship Auger 122
- Ship Car 123
- Snaffle 686
- Spoon 129
- Straight Shank 127
- Taper 131
- Taper Pod 129
- Taper Shank 127
- Twist Drill 127, 128
- Wood, in Sets..... 126

Black Lead 1242
Blackboard Erasers 1567
Blacking—Stove .....1240 to 1242
Blacksmiths' Anvils 303
Blacksmiths' Aprons 254
Blacksmiths' Blowers 307
Blacksmiths' Corundum Wheels.. 278
Blacksmiths' Dies 315
Blacksmiths' Drill Bits 127
Blacksmiths' Drills 309, 310

B

PAGE

Blacksmiths' Forges 304, 305
Blacksmiths' Hammer Handles.. 53, 54
Blacksmiths' Hand Hammers.38, 46
Blacksmiths' Hand Tools 325
Blacksmiths' Heading Tools 326
Blacksmiths' Pincers 262
Blacksmiths' Punches 325
Blacksmiths' Rules 204, 223
Blacksmiths' Shears 314
Blacksmiths' Sledges 47
Blacksmiths' Tire Drills 312
Blacksmiths' Tongs 326
Blacksmiths' Vises 303
Bladder Putty 1021
Bladders—
- Basket Ball 2207
- Foot Ball 2202
- Striking Bag 2200
- Volley Ball 2208

Blades—
- Bracket Saw 88
- Buck Saw 87
- Butcher Saw 89
- Compass Saw 89
- Coping Saw 81
- Dehorning Saw 89
- Hack Saw 88
- Hand Saw Kit..... 77
- Illustrations of Pocket Knife 1601
- Keyhole Saw 89
- Key Hole Pad Saw..... 89
- Kitchen Saw 89
- Nested Saw 76
- Pad Saw 89
- Pruning 425
- Safety Razor ....1633 to 1635
- Screw Slotting 88
- Tree Pruner 425
- Turning Web 89
- Wood Saw 87

Blade Punches—Saw 89
Blank Book Rulings 1551
Blank Books 1553
Blank Butts—Double Acting.... 904
Blank Cartridges 1839
Blank Drafts 1555
Blank Notes 1555
Blank Nuts 2368
Blank Receipts 1555
Blanket Pins 682
Blankets—
- Luberman's Storm 668
- Square Horse 666
- Stable 667

Blanks—
- Butt 904
- Cylinder Key 820, 821
- Folding Key 819
- Mortise Key 818
- Padlock Key 872
- Rim Key 819
- Store Door Key..... 819

Blasting Powder 1850
Blind Butts 887
Blind Hinges 902
Blind Staples 1000
Blindman's Rules 204

B

PAGE

Blinds—Cheeked 633
Block Planes ...158, 161 to 163, 173
Block Scrapers 1141
Block Sheaves—
- Derrick 497, 498
- Hoisting 497, 498
- Loading 499
- Snatch 498, 499
- Tackle 499

Blocks—
- Cresting 2260
- Derrick 497, 498
- Drill 230
- Hoisting 497, 498, 500, 501, 503
- Loading 1853
- Log Jammer 499
- Lumbermen's 499
- Oak 1129
- Setting 97
- Snatch .....496 to 498
- Snatch Pulley 438
- Stop, Hay Carrier..... 438
- Swage 312
- Tackle .....495 to 497
- Tile 2260

Blocks and Clamps—Drill 230
Blow Torches 2301, 2302
Blowers—Blacksmiths Hand..... 307
Blowhorn Stakes 2295
Blue Rock Targets 1866
Blue Rock Traps 1866
Blued Screws—Round Head.... 993
Board Clips 1557
Board Match Planes 175
Board Rules 208
Board Sticks 207
Boards—
- Base 1015
- Bread 1214
- Chute or Jack..... 189
- Ironing 1203
- Jack 189
- Meat 1214
- Plaster 1016
- Stove 1228A, 1282B
- Straw 1016
- Tarred 1016
- Wash 1208, 1209

Boat Anchors 2149
Boat Cushions 2150
Boat Spikes 1009
Boat Oars 2149
Boat Seats 2150
Boats—
- Duck 2148
- Fishing 2148
- Hunting 2148
- Row 2148
- Steel 2148

Bob Shoes 2359
Bob Skates 2003
Bobbins—Sewing Machine 1282
Bobs—Plumb 194, 232
Body Protectors 2192, 2208
Body and Breast Fly Nets..... 663
Body Rests 2064
Body Strap Bells 697
Boiler Bottoms 2277

B

PAGE

Boiler Covers 1483
Boiler Expanders 2291
Boiler Handles 1483
Boiler Makers' Forges 306
Boiler Makers' Hammers 39
Boiler Rivets 2371
Boiler Rods 2355
Boilers—
- Camp 1455
- Coffee, Garnet Enameled. 1420
- Coffee, Pieced Tin 1455
- Coffee, Porcelain White and White 1405
- Coffee, Royal Enameled.. 1409
- Copper 1453
- Double 1471
- Farmers' 521
- Fish 1410
- Ham 1488
- Milk or Rice, Aluminum.. 1439, 1441
- Milk or Rice, Garnet Enameled 1421
- Milk or Rice, Polar Blue and White 1405
- Milk or Rice, Porcelain White and White..... 1401
- Milk or Rice, Royal Enameled 1410
- Vegetable, Wire 1224
- Wash, Copper 1453
- Wash, Galvanized 1431
- Wash, Pieced Tin 1454

Bolt Bottom Vises 297
Bolt Cases 1293
Bolt Clippers 324
Bolt Cutters 324
Bolt Ends 2362
Bolt Hooks 680
Bolt Sockets—Window Spring... 942
Bolt Tongs 326
Bolts—
- Barrel 918
- Bottom 921
- Cant Hook 493
- Carriage 2360
- Cellar Window 916
- Chain .....920 to 922
- Chain Door 925
- Cremorne 921
- Door 925
- Elevator 2364
- Expansion 2365
- Eye 965
- Flush 921, 923, 925
- Foot 920, 922
- Hame 676
- Lag 2363
- Machine 2361
- Mortise Door 925
- Neck 919
- Peavy 493
- Plow 2363
- Railroad Track 2359
- Screen Door 920
- Sink 524
- Skein 2362
- Sleigh Shoe 2363
- Snath Socket 419

B

PAGE

Bolts—*Continued.*
- Spring ... 919
- Square ... 919
- Stove ... 2364
- Tension ... 469
- Tire ... 2364
- Track ... 2359
- Wagon Box Strap ... 2383
- Window ... 921
- Window Spring ... 942

Bond Boxes ... 1435
Bone and Corn Mills ... 427
Bone Cutters ... 426
Boning Knives ... 1670, 1671
Books—
- Blank ... 1553
- Carbon ... 1556
- Copying ... 1554
- Day ... 1554
- Fly ... 2123
- Imitation Sheep ... 1555
- Invoice ... 1554
- Letter Copying ... 1556
- Memorandum ... 1555
- Note, Carbon ... 1556
- Order ... 1554, 1556
- Railroad Memo ... 1555
- Scale-Weigh ... 1108, 1556
- Score, Base Ball ... 2195
- Score, Basket Ball ... 2208
- Time ... 1554

Boot Calk Sets ... 494
Boot Calks ... 494
Boot Taps—Rubber ... 1130
Boots—
- Hip ... 2135
- Hunting ... 1860, 2135
- Interfering ... 660
- Rubber ... 1891, 2135
- Short ... 2135
- Sporting ... 2135
- Storm King ... 2135
- Wading ... 2135

Borax ... 2307
Border Knives ... 415
Borders—
- Flower Bed ... 469
- Lawn ... 469
- Register ... 1010 to 1014

Borers—
- Automatic Pocket ... 112
- Angular ... 106
- Bung ... 1138
- Pocket, Automatic ... 112
- Ratchet Corner ... 105
- Sill ... 106
- Tap ... 1138

Boring Machine Augers ... 124
Boring Machines ... 100
Boring Tools—Automatic ... 112
Bottles—Vacuum ... 1869, 2133
Bottom Bolts ... 921
Bottom Fullers ... 325
Bottom Stakes ... 2295
Bottom Swages ... 325
Bottoming Taps ... 322
Bottoms—
- Boiler ... 2277
- Copper ... 2277

B

PAGE

Bottoms—*Continued.*
- Cream Can ... 1470
- Pail ... 1470
- Setter ... 1470
- Tea Kettle ... 2277

Bouillon Spoons ... 1683, 1686, 1690, 1694, 1698
Bow Facing Oars ... 2149
Bowling Shoes ... 2205
Bowl Strainers ... 1222
Bowls—
- Beating, Hotel ... 1473
- Chopping ... 1216
- Gravy, Porcelain White and White ... 1402
- Mixing, Garnet Enameled. 1424
- Mixing, Polar, Blue and White ... 1406
- Mixing, Porcelain White and White ... 1401
- Scotch ... 1487, 1488
- Seamless, Royal Enameled 1413
- Soup, Garnet Enameled... 1424
- Soup, Polar, Blue and White ... 1407
- Soup, Porcelain White and White ... 1402
- Soup, Royal Enameled ... 1413
- Sugar, White and White.. 1402
- Wash, Galvanized ... 1428
- Wash, Garnet Enameled. 1427
- Wash, Polar, Blue and White ... 1408
- Wash, Porcelain White and White ... 1404
- Wash, Royal Enameled... 1418
- Wash, Stamped Tin... 1477
- Wooden ... 1216

Bowls and Pitchers ... 1418
Box Brackets ... 895
Box Catches ... 895
Box Coffee Mills ... 1102, 1103, 1104
Box Chisels ... 44
Box Fasteners—Ice ... 893
Box Graters ... 1459
Box Handles—Pit Saw ... 61
Box Hasps ... 894
Box Hinges ... 888
Box Hooks ... 43
Box Letter Files ... 1557
Box Nails—Wire ... 1003
Box Plates—Letter ... 954, 955
Box Rods—Wagon ... 2383
Box Scrapers ... 43
Box Strapping ... 469
Box Straps—Wagon ... 2383
Box Swivels ... 2128
Box Tools ... 44
Box Vises ... 303
Boxes—
- Bait ... 2137
- Bit ... 120
- Bond ... 1435
- Bread ... 1433
- Cake ... 1433
- Cash ... 1435
- City Mail ... 953, 954
- Deed ... 1435
- Dredge ... 1434

B

PAGE

Boxes—*Continued.*
- Fish ... 2148
- Fishing Tackle ... 2136, 2137
- Flour ... 1433
- Fly ... 2123
- Grit ... 523
- Hardware ... 1294
- Knife ... 1214
- Leader ... 2123
- Lunch ... 1436
- Mail ... 953, 954
- Mitre ... 187 to 189
- Oilstone ... 266
- Pepper ... 1434
- Rural Mail ... 954
- Salt ... 1215
- Shell ... 523
- Spice, Wooden ... 1215
- Sugar ... 1434
- Tackle ... 2136, 2137
- Tool ... 213, 214
- Twine ... 1128
- Vise ... 303

Boxing Gloves ... 2196, 2197
Boxwood Rules ... 202 to 204
Boys' Axe Handles ... 53, 57
Boys' Bicycles ... 1954
Boys' Express Wagons ... 2011
Boys' Handled Axes ... 16
Boys' Hoes ... 408
Boys' Lanterns ... 1256
Boys' Saws and Buck ... 86
Boys' Tool Chests ... 212
Boy Scout Axes ... 16
Boy Scout Rifles ... 1820
Brace Bits ... 129
Braces—
- Bit ... 101 to 105
- Corner ... 105, 2384
- Corner Ratchet ... 105
- Cradle ... 420
- Drill ... 105
- Lightning ... 111
- Push ... 111
- Ratchet ... 102 to 105
- Round Winker ... 631
- Screen Door ... 913
- Side ... 2383
- Whiffletree ... 2386

Bracket and Compass ... 1870
Bracket Lamps ... 1258
Bracket Saw Blades ... 88
Bracket Saws ... 82
Bracket Sets ... 82
Brackets—
- Bicycle Lamp ... 1967, 1968
- Box ... 895
- Curtain Pole ... 1179
- Curtain Rod ... 1178
- Cyclometer ... 1955
- Door Check ... 909, 910
- Flower Pot ... 974
- Fork and Shovel ... 426
- Hand Rail ... 971
- Hay Rack ... 441
- Hoe ... 426
- Implement ... 426
- Lamp ... 1260
- Porch ... 972

B

PAGE

Brackets—*Continued.*
- Lantern 1259
- Rafter 438
- Rake 426
- Roofing 186
- Shade Roller 1178
- Shelf 973
- Shovel 426
- Sink 524

Brad Awl Handles 152
Brad Awls 151
Brad Hammers 41
Brad Hammer Handles 54
Brads—Common 1001
- Flooring 1003, 1008
- Wire 1001

Braided Lines 195
Brake and Folder—Tinners'.... 2281
Brake Repairs—Coaster 1955
Brakes—Coaster 1955
- Cornice 2292
- Fishing Reel Thumb..... 2073

Bramble Scythes 420
Brass—Hoop 2278
- Sheet 2278
- Soft 2278
- Spring 2278
- Stencil 2278

Brass Barrel Swivels 2128
Brass Bird Cages 1273
Brass Butts 888
Brass Cup Hooks 984
Brass Faucets 1136
Brass Ferrules 154
Brass Guard Cloth 1276
Brass Hinges 888
Brass Hooks and Eyes..... 984
Brass Oilers 1270
Brass Pulls 931
Brass Screw Eyes 987
Brass Screw Hooks 986
Brass Screw Pulleys 950
Brass Screws—
- Flat Head 992
- Oval Head 993
- Round Head 992

Brass Shot Shells 1847
Brass Wire 2279, 2280
Brass Wood Screws 992
Braziers' Copper 2278
Braziers' Rivets 2370
Bread Boards 1214
Bread Boxes 1433
Bread Cabinets 1433
Bread Knives 1668
Bread Makers 1471
Bread Pans....1414, 1424, 1442, 1457
Bread Raiser Covers 1474
Bread Raisers .....
1406, 1412, 1423, 1473, 1474
Bread Slicers 1218
Bread Toasters 1224
Breakfast Carvers 1676
Breaks—Peg 1132
Breast Chains 642
Breast Collar Housings 657
Breast Collar and Traces—Buggy 638
Breast Drill Sets 126
Breast Drills .....108 to 110

B

PAGE

Breast Handles—Milk Can 1470
Breast Strap Slides 676
Breast Straps—
- Buggy 642
- Logging 642
- Team 642

Breech Loading Cannon..... 1827
Breeching—
- Hip 639
- Single Buggy 639
- Team 639

Breeching Harness—
- Farm .....620 to 623
- Pinery Style .....623 to 627

Breeching Rings 677
Breeding Cages 1276
Brewery Brushes 1181
Brick Chisels 45
Brick Chisels—Long 132
Brick Drills 132
Brick Hods 488
Brick Steel Siding 2262, 2263
Brick Trowels 245
Bricklayers' Hammers 39
Bricklayers' Tool Bags..... 254
Bridge Makers' Squares..... 190
Bridle Bits .....685 to 687
Bridle Cheeks 632
Bridle Fronts 634
Bright Iron Screws..... 992
Bridles—
- Buggy 627, 628
- Stallion 630
- Team 629, 630
- Track 628

Bright Steel Market Wire..... 2279
Broad Axe Handles 56
Broad Axes 20
Broad Butts 885, 886, 888
Broad Hatchets .....21 to 25
Broad Head Iron Rivets..... 2372
Broilers—
- Self-Basting 1224
- Tinned Wire 1224

Brooder Thermometers 1196
Brood Coups 523
Broom Brackets 426
Broom Holders—
- House 1190
- Whisk 1175

Brooms—
- Barn 1190
- House 1190
- Mill 1190
- Parlor 1190
- Street 1188
- Warehouse 1190
- Whisk 1190

Bronze Dividers 225
Browning Trowels 243
Brush Cases 1452
Brush Guns 1809
Brush Hooks 424
Brush Scythes 420
Brush Trays 1175
Brushes—
- Brewery 1181
- Casting 1183
- Closet 1181

B

PAGE

Brushes—*Continued.*
- Counter 1182
- Creamery 1181
- Crumb Pans and..... 1434
- Cuspidor 1181
- Dairy 1181
- File 285
- Floor 1188
- Hand 1181
- Horse 694, 695
- Kalsomine 1186
- Lather 1641, 1642
- Machinist 1183
- Marking 1186
- Milk Can 1181
- Paint 1185
- Painters' Duster 1186
- Radiator 1183
- Roofing 1018
- Sanitary 1181
- Sash 1186
- Scrubbing 1181
- Separator 1180
- Shaving 1641, 1642
- Shoe 1182
- Sink 1181
- Stencil 1134
- Stove 1182
- Stucco 1185
- Tumbler 1181
- Varnish 1184
- Wall Paint 1185
- White Wash 1187
- Window 1189
- Wire Scratch 1183

Brush Door Mats—Cocoa..... 975
Buck and Saw—Boys' 86
Buck Saw Frames 86
Buck Saws 84, 85
Buck Shot 1849
Buckets—
- Covered, Garnet Enameled 1426
- Covered, Pieced Tin 1462
- Covered, Polar, Blue and White 1408
- Covered, Porcelain White and White 1404
- Covered, Royal Enameled. 1417
- Dinner, Enameled 1428
- Dinner, Garnet 1426
- Dinner, Pieced Tin..1461, 1462
- Dinner, Royal Enameled.. 1418
- Fire, Galvanized 1429
- Flaring, Pieced Tin..... 1464
- Frog 2137
- Mop 1206
- Minnow 2137, 2138
- Rubber 526
- Water, Galvanized 1429
- Water, Garnet 1426
- Water, Royal Enameled.. 1417
- Well, Wood 526

Buckle Shields 681
Buckles—
- Harness 678, 679
- Repair 679
- Skate 679
- Trace 678, 679
- Turn 494, 2362

B

PAGE

Bucks—Saw 86
Bucktail Baits 2109
Bucktail Specialties 2109
Buggy Breeching—Single 639
Buggy Bridles 627, 628
Buggy Cruppers 640
Buggy Fly Nets .....661 to 663
Buggy Harness—
Double 614, 615
Extra Large Single Strap. 608
Single Strap .....601 to 608
Buggy Lines 635
Buggy Shaft Tugs 642
Buggy Storm Aprons 670
Buggy Traces 636
Buggy Whips .....688 to 690
Building Corners—Metal 2262
Building Papers 1016
Builders' Levels 241
Builders' Saws—Stair 77
Builders' Transits 240
Built-Up Wheels—Bicycle 1966
Bull Chains 518
Bull Nose Rabbet Planes..... 163
Bull Punches 518
Bull Rings 518
Bull Snaps 518
Bullet Breech Caps 1830
Bullet Dippers 1851
Bullet Moulds 1851, 1852
Bullets 1840
Bungalow Hardware .....804 to 810
Bung Borers 1138
Burner Pliers 257
Burners—
Gasoline Torch 1261
Lamp 1260
Lantern 1261
Street Lamp 1260, 1261
Burners and Founts—Lamp..... 1260
Burnishers 180
Burnishine 1240
Burring Machines .....
2281, 2282, 2284, 2285
Burs—
Copper 2373
Riveting 2369
Bush Axes 45
Bush Hammers..... 45
Bush Hooks 424
Bush Scythe Snaths 419
Bush Scythes 420
Bushings—Bard 323
Butchers' Axes 19
Butchers' Block Planes 164
Butchers' Choppers 1140
Butchers' Cleavers 1140
Butchers' Knives .....1670 to 1672
Butchers' Saw Blades 89
Butchers' Saw Handles 91
Butchers' Saws 80
Butchers' Steels 1678
Butt Caps 2068
Butt Chisels 138
Butt Gauges 183
Butt Pads—Rod 2064
Butter Churns 1216
Butter Dishes—Porcelain White and White 1402

B

PAGE

Butter Knife and Sugar Shell Sets.
1684, 1687, 1690, 1694, 1698
Butter Knives—
Individual, Silver Plated..
1679, 1684, 1690, 1694, 1698
Silver Plated .....
1679, 1682, 1684, 1687, 1688, 1690, 1694, 1698
Sterling Silver 1700
Butter Ladles 1216
Butter Moulds 1217
Butter Scales 1112, 1114
Butter Spades 1216
Butter Spreaders .....
1679, 1684, 1690, 1694, 1698
Butter Triers 1141
Butter Tub Staples 1000
Butter Workers 1216
Button Catch—Push 926
Buttonhole Scissors 1654
Button Slicks—Moulders 253
Buttons—
Door 926
Push .....
767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 803, 805, 807, 809, 877
Register 1015
Butts—
Ball Bearing 880
Blank 904
Blind 887
Brass 888
Broad, Brass 888
Broad, Riveted 885, 886
Chest 887
Desk 888
Double Acting Spring..... 904
Inside Blind 887
Light Narrow 884, 886
Loose Pin .....880 to 885
Middle, Brass 888
Narrow 884, 886
Narrow Brass 888
Pew Door 887
Riveted .....885 to 887
Screen Door 887
Spring 904
Surface Door 883
Table 887
Wrought Brass 888
Wrought Bronze 880, 881
Wrought Steel.....880 to 887

C

Cabin Door Hooks..... 984
Cabinet Escutcheons 894
Cabinet Files 284
Cabinet Rasps 284
Cabinet Keys 871
Cabinet Lock Assortments..... 868
Cabinet Lock Display Cabinets.. 868
Cabinet Locks .....858 to 868
Cabinet Makers' Benches 217
Cabinet Makers' Clamps 156
Cabinet Makers' Planes 163
Cabinet Makers' Scrapers 178

C

PAGE

Cabinet Rasps 284
Cabinet Saw Frames 83
Cabinet Scrapers 178, 179
Cabinets—
Bread 1433
Cake 1433
Display 1
Hardware .....1288 to 1291
Kitchen 1164, 1165
Pot Cover 1483
Salt and Pepper..... 1215
Sole Leather 1130
Spice 1215
Stock 1
Tool .....1, 213 to 215
Cable Chains 512
Cadet Lanterns 1256
Cage Cups—Bird 1276
Cage Springs—Bird 1276
Cage Hooks—Bird 974
Cages—
Bird .....1273 to 1276
Breeding 1276
Parrot 1275
Partition 1276
Revolving Perch 1276
Squirrel 1276
Wheel 1275
Cake Boxes 1433
Cake Cabinets 1433
Cake Closets 1433
Cake Cutters 1458
Cake Makers 1471
Cake Moulds 1440, 1477
Cake Pans 1457, 1477
Cake Spoons 1425, 1481
Cake Turners—
Combination 1482
Hotel 1473
Steel 1482
Tinned 1482
Calcium Carbide 1968
Caldron Kettles 521
Calf Weaners' 518
Caliper Gauges 227
Caliper Rules 202, 204, 222
Caliper Squares 225
Calipers—
Double 220, 234
Fancy 220
Firm Joint 234, 235
Hermaphrodite 234
Inside 220, 233
Lock Joint 235
Navy 220
Outside 220, 233
Registering 220
Slide Rule 222, 225
Spring 220, 233, 234
Starrett's 225, 233
Thread 233, 234
Tool Makers' 233
Transfer 235
Vernier 225
Wing 220
Calk Sets 494
Calk Wrenches 494

C

PAGE

Calks—
- Boot ... 494
- Toe ... 2380

Call Bells ... 521

Calls—
- Dog ... 1869
- Duck ... 1869

Camp Beds ... 2161
Camp Carvers ... 1669
Camp Chairs ... 2161
Camp Coffee Boilers ... 1455
Camp Cots ... 2161
Camp Kettles ... 1432
Camp Stools ... 2161
Camp Stoves ... 1891, 2154
Camp Tables ... 2161
Campaign Torches ... 1462
Campers' Lamps ... 1890, 2155
Camping Knives and Forks. 1626, 2131
Can Openers ... 1171

Can Screws—
- Milk ... 1469
- Zinc ... 1484

Can Stock—Milk ... 1469
Candle Mould Stakes ... 2295
Candle Wicking ... 1261

Candlesticks.—
- Japanned ... 1438
- Miners' ... 1462, 1890, 2155

Candy Scales ... 1116
Canisters—Tea and Coffee ... 1434
Cannons—Breech Loading ... 1827
Canoe Cushions ... 2150
Canoe Knives ... 2131
Canoe Paddles ... 2149
Canoes ... 2149

Cans—
- Ash ... 1430
- Automobile Filling ... 1267
- Carrying ... 1465
- Coffee or Tea ... 1434
- Cream ... 1465
- Factory Milk ... 1468, 1469
- Flour ... 1433
- Freezer ... 1169
- Garbage ... 1430
- Gasoline ... 1265
- Milk ... 1467, 1469
- Oil ... 1265 to 1267
- Oily Waste ... 1430
- Railroad Milk ... 1467, 1468
- Sprinkling ... 1428, 1460
- Syrup ... 1464
- Waste ... 1430
- Wood Jacket ... 1267

Cant Hook Bolts ... 493
Cant Hook Clasps ... 493
Cant Hook Clips ... 493
Cant Hook Handles ... 492
Cant Hook Steel ... 2355
Cant Hooks ... 491, 492
Cant Saw Files ... 284
Canvas Baskets ... 450
Canvas Coat Cases ... 2026
Canvas Gun Cases ... 1863
Canvas Nails ... 995
Canvas Telescopes ... 2026
Cap Crimpers ... 1850
Cap Screws ... 2366

C

PAGE

Cap Squeezers ... 2257
Cape Chisels ... 132

Caps—
- Base Ball ... 2173
- Bullet Breech ... 1830
- Butt ... 2068
- Chimney ... 1239
- Dynamite ... 1850
- Eaves Trough End ... 2274
- Ferrule ... 418
- Fish Pole ... 2068
- Gun ... 1849
- Hockey ... 2006
- Hunting ... 1859
- Musket ... 1849
- Pole ... 2384
- Roofing ... 1018
- Rod Butt ... 2068
- Stove Pipe ... 1230
- Ski ... 2006

Car Bits ... 123
Car Builders' Hatchets ... 28
Car Movers ... 52
Car Nails ... 1004
Carafes—Vacuum ... 1869, 2133
Carbide ... 1968

Carbines—
- Savage ... 1817
- Winchester ... 1813

Carbon Books ... 1556
Carbon Book Fillers ... 1556
Carborundum ... 265
Carborundum Knife Sharpeners ... 1678
Carborundum Razor Strops ... 1639
Carborundum Scythe Stones ... 421
Carborundum Stones ... 264, 265
Carborundum Wheels ... 277

Cards—
- Curry ... 694
- File ... 285
- Horse ... 694
- Tow ... 694
- Wool ... 694

Carpenters' Adze Handles ... 53, 56

Carpenters' Adzes—
- House ... 19
- Ship ... 18

Carpenters' Aprons ... 254
Carpenters' Augers—Nut ... 124
Carpenters' Bars ... 52
Carpenters' Chalk ... 195
Carpenters' Chisels ... 138 to 143
Carpenters' Door Clamps ... 156
Carpenters' Drawing Knives ... 145
Carpenters' Empty Tool Chests ... 215, 216
Carpenters' Gouges ... 139, 141, 143
Carpenters' Hand Tool Case ... 215
Carpenters' Levels ... 196 to 199
Carpenters' Mallets ... 149
Carpenters' Pencils ... 1566
Carpenters' Pincers ... 261
Carpenters' Ripping Bars ... 52
Carpenters' Shoulder Tool Chests 215
Carpenters' Slicks ... 139, 144
Carpenters' Spoke Shaves ... 148
Carpenters' Wood Hand Screws ... 155
Carpet Beaters ... 1192
Carpet Lining ... 1016

C

PAGE

Carpet Stretchers ... 42
Carpet Sweepers ... 1191
Carpet Tack Assortments ... 997
Carpet Tacks ... 996, 997
Carriage Bolts ... 2360
Carriage Grease ... 698
Carriage Heater Assortment ... 700
Carriage Heater Coal ... 700
Carriage Heaters ... 700
Carriage Ironers' Hammers ... 38
Carriage Makers' Clamps ... 155
Carriage Makers' Drawing Knives 145
Carriage Makers' Planes ... 160
Carriage Makers' Wrenches ... 291
Carriage Top Dressing ... 698
Carrier Track—Hay ... 436, 437
Carrier Trucks—Stove ... 479

Carriers—
- Game ... 1861
- Hay ... 436, 437
- Luggage ... 1958
- Seed ... 441
- Stove ... 479
- Trace ... 681

Carry All Bags ... 1861
Carrying Cans—Milk ... 1465
Carrying Cases—Vacuum Bottle. ... 1869, 2133
Cars—Hand ... 2011
Cartridge Belts ... 1859
Cartridge Clips ... 1815

Cartridges—
- Auxiliary ... 1840
- Blank ... 1839
- Center Fire ... 1832 to 1834
- Metallic ... 1830 to 1839
- Military ... 1835 to 1839
- Rim Fire ... 1830, 1831
- Shot ... 1840
- Sporting ... 1835 to 1839

Carts—
- Barrel ... 489
- Concrete ... 485
- Hand ... 488, 489
- Platform Barrel ... 489

Carvers—
- Bird ... 1677
- Breakfast ... 1676
- Camp ... 1669

Carving Knives and Forks ... 1674, 1676
Carving Knives, Forks and Steels. ... 1673 to 1676
Casement Fasteners ... 937
Casement Window Adjusters ... 937
Casement Window Fasteners ... 937

Cases—
- Ammunition ... 1861
- Bolt ... 1293
- Brush and Comb ... 1452
- Coat ... 2026
- Comb ... 1434
- Counter, Watch ... 1706
- Die ... 1293
- Drill ... 1293
- Gun ... 1862, 1863
- Hand Tool ... 215
- Juvenile Suit ... 2026
- Knife and Fork ... 1679
- Machinists' Tool ... 216

C

PAGE

Cases—*Continued.*
- Micrometer 227
- Reel 2064
- Rifle 1862, 1863
- Rod 2064
- Screw 1293
- Show .....1285 to 1267
- Suit .....2021 to 2023
- Tap 1293
- Tool 215, 216
- Vacuum Bottle Carrying.. 1869, 2133

Cash Box Trays 1435
Cash Boxes 1435
Cash Registers 1287
Casing Nails 1003, 1008
Casing Moulding Planes 176
Casseroles 1450
Cast Gem Pans 1440, 1489
Cast Iron Hammers 34
Cast Iron Hatchets 27
Cast Iron Washers 2369
Cast Steel Hammers 45
Cast Steel Sledges 47
Cast Steel Mauls 47
Cast Stove Hollow Ware..1485 to 1489
Casters—
- Anti-Friction 983
- Acme, Ball Bearing..... 978
- Bed 976
- Boss Patent 979, 980
- Faultless 976, 977
- Gliding 978
- Martin's Pattern 981, 982
- Philadelphia 978
- Piano 983
- Plate .....977, 979 to 982
- Stationary 983
- Stem .....977 to 979
- Store 983
- Stove 479
- Swivel 983
- Truck 982, 983
- Tucker's 980

Casting Brushes 1183
Casting Guides 2067
Casting Rods .....2054 to 2061
Casting Sinkers 2127
Casting Spoons.2097, 2099, 2109, 2121
Casting Tips 2066
Casting Weights—Practice 2064
Castorine—Baum's 698
Catchers—
- Animal 517
- Grass 430

Catchers' Leg Guards 2194
Catchers Masks 2193, 2194
Catchers' Mitts .....2181 to 2184
Catches—
- Barn Door Elbow..... 840
- Box 895
- Cupboard 927
- Elbow 840, 926
- French Window 928
- Friction 926
- Push Button 926
- Refrigerator 893
- Screen Door 929, 930
- Screen Window 916

C

PAGE

Catches—*Continued.*
- Transom 927
- Window 916, 928

Cattle Covers 664
Cattle Leaders 519
Cattle Stanchions 515, 516
Cattle Tie Irons 674
Cattle Ties 515
Cedar Hawks 246
Cedar Spuds 494
Ceiling—
- Beaded Steel 2263
- Embossed Steel 2263
- Metal .....2263 to 2270

Ceiling Hooks 966
Ceiling Pulleys 949
Cellar Window Bolts..... 916
Cement—
- Ferrule 2132
- Fix All 1022
- Furnace 1242
- Hard Tire 1975
- Leather 1131
- Plastic 1242
- Rim 1975
- Roofing 2255
- Rubber 1131, 1975
- Stove 1242
- Tire, Bicycle 1975
- Wood Rim 1975

Cement—Fix All 1022
Cement Coated Wire Nails..... 1006
Cement Pails 1429
Cement Workers' Tools ...247 to 249
Cementers' Trowels 244
Center Bead Planes..... 176
Center Bits 130
Center Clips and Rings..... 2382
Center Fire Cartridges...1832 to 1834
Center Gauges 228, 232
Center Plates and Rings..... 2383
Center Punches 134, 337
Center Testers 232
Centers—
- Neckyoke 684
- Sash 944

Cereal Cookers 1421
Chafing Dish Forks 1449
Chafing Dish Grate Hangers 1450
Chafing Dish Spoons 1449
Chafing Dishes 1449, 1450
Chain Bolts .....920 to 922
Chain Cow Ties 514
Chain Dees—Heel 678
Chain Door Fasteners 925
Chain Drilling Attachment 111
Chain Fasteners—Sash 944
Chain Hooks 495
Chain Lubricant 1976
Chain Nose Pliers 256
Chain Pipe Vises 301
Chain Pipe Wrenches 294
Chain Swivels 2387
Chains—
- Bicycle 1963
- Breast 642
- Bull 518
- Cable 512
- Coil 510

C

PAGE

Chains—*Continued.*
- Cow Tie 514
- Crane 512
- Double Jointed 510
- Furnace 511
- Halter 513
- Hammock 2170
- Hardware 511
- Heel 511
- Hitching Weight 513
- Hoisting 512
- Jack 510
- Key 1704
- Ladder 510
- Loading 512
- Log 511
- Machine 509
- Measuring 241
- Picture 1178
- Pipe Wrench 294
- Porch Swing 2170
- Safety 511
- Sash 945
- Tie Out 513
- Trace 511
- Transom 944
- Triumph 509
- Well 509

Chairs—
- Camp 2161
- Folding 2160
- Lawn 2160
- Porch 2158, 2160
- Reclining 2160
- Swivel Boat 2148
- Veranda 2160

Chair Seats 1204
Chalk—
- Carpenters' 195
- Lump 195
- Railroad Crayons 195
- School Crayons 195

Chalk Line Reels 152
Chalk Line Reels and Awls..... 152
Chalk Lines 195
Chamber—Air (Boat) 2148
Chamber Covers—
- Garnet Enameled 1427
- Polar Blue and White..... 1408
- Porcelain White and White 1404
- Royal Enameled 1419

Chamber Pails—
- Galvanized 1432
- Garnet Enameled 1427
- Japanned 1437
- Polar Blue and White..... 1408
- Porcelain White and White 1404
- Royal Enameled 1419

Chambers—
- Garnet Enameled 1427
- Polar Blue and White..... 1408
- Porcelain White and White 1404
- Royal Enameled 1419

Chamfer Planes 163
Chamois Skins 1640
Champer Knives 146
Chandelier Hooks 968
Chandelier Thermometers 1196
Channels—Steel 2353

C

PAGE

Charcoal 2307
Charcoal Sad Irons 1194
Charms—Watch 2115
Check Ends—Leather 630
Check Rein Springs 682
Check Rounds 631
Check Springs .....909 to 912
Checking Floor Hinges 906
Checks—
- Door 912
- Door Spring and...909 to 912
- Holder 911
- Pivot Door 906
- Rod Tapers or Winding... 2068
- Round, Side 631
- Screen Door 912
- Winding 2068

Cheek Pads 1865
Cheeked Blinds 633
Cheeks—
- Bridle 632
- Flat 631
- Round Side 631

Cheese Box Tacks 998
Cheese Cake Pans 1457
Cheese Cutters 1138
Cheese Knives 1666
Cheese Triers 1141
Cheese Vat Tin 2252
Cherry Stoners 1147
Chest Corners 895
Chest Expanders 2156
Chest Handles 934
Chest Hinges 887
Chest Keys 870
Chest Locks .....858 to 860
Chests—
- Ice 1152
- Silverware 1685
- Tool, Boys' 212
- Tool, Carpenters', Empty. 215, 216
- Tool, Carpenters' Shoulder 215
- Tool, Junior 212
- Tool, Utility 212

Chicken Fencing 471
Children's Coasters 2014
Children's Floral Tools 415
Children's Knives and Forks.... 1665
Children's Knives, Forks and Spoons 1701
Children's Play Tents 2153
Children's Mugs 1416
Children's Sets—Aluminum 1444
Children's Sleighs 2014
Children's Tents 2153
Children's Tepee Tents 2153
Child's Cutters 2015
Child's Sets 1687, 1692, 1696, 1698, 1701
Chilled Shot 1849
Chimes—
- Saddle 696
- Shaft 696

Chimney Cap or Ventilator Frames 1239
Chimney Caps 1239
Chimney Caps or Ventilators.... 1239
Chimney Doors 1239
Chimney Thimbles 1231

C

PAGE

Chimney Ventilators 1239
Chimneys—
- Gas 1263
- Lamp 1263
- Lantern 1264

China Marking Pencils 1565
Chinese Strainers—Hotel 1473
Chippers—Ice 1170
Chisel Gauges 181
Chisel Grinders 181
Chisel Handles 153
Chisel Rolls 141
Chisels—
- Blacksmiths' Cold 325
- Blacksmiths' Hot 325
- Box 44
- Brick 45, 132
- Butt 138
- Cape 132
- Carpenters' .....138 to 143
- Carpenters', in Sets.138 to 143
- Coachmakers' 142
- Cold 132
- Corner 139, 141, 142
- Diamond Point 132
- Firmer, Socket..138, 140, 143
- Firmer, Tanged.....138, 144
- Framing 139, 140, 143
- Hot 325
- Ice 1170
- In Sets 141
- Lantern 2306
- Long Brick 132
- Long Paring, Socket..... 142
- Machinists' 132
- Mallet Head 45
- Millwrights' Socket Firmer 142
- Millwrights' Sock. Framing 143
- Paring, Socket 142
- Slicks 139
- Socket Firmer 138, 140
- Socket Firmer Butt..... 138
- Socket Framing 139, 140
- Stone Cutters' 45
- Tanged Firmer Butt..... 138
- Track 48
- Turning 144
- Wire 2306

Choppers—
- Butchers' 1140
- Family 1140
- Food 1142, 1143
- Meat ..1140, 1142, 1143, 1144

Chopping Bowls 1216
Chopping Knives 1139
Christmas Tree Holders..... 1217
Chucks—Drill 311
Churn Cork 1216
Churn Extras 1216
Churns—
- Barrel 1216
- Dash 1216

Chute Boards 189
Chutes—
- Coal 1238
- Fuel 1238

Circular Glass Cutters 1197
Circular Planes 164
Circular Saw Mandrels 58

C

PAGE

Circular Saws .....58 to 60
Circular Shears 2287
Circular Snips 2304
Circumference Gauges 225
Cistern Pumps 525
Cistern Pump Plungers 525
Cistern Pump Tubes 525
Clamp Handles 211
Clamp Heads 156
Clamp Vises .....295 to 297
Clamps—
- Adjustable 156
- Bicycle Saddle 1962
- Cabinet Makers' 156
- Carpenters', Door 156
- Carriage Makers' 155
- Door 156
- Drill Block and 230
- Freezer 1169
- Hay Rack 441
- Hose 432
- Key Seat, Machinists'..... 223
- Linemen's 263
- Malleable Iron 155
- Measuring Bar 232
- Quilt Frame 155
- Rule 223
- Saw Filers' 99
- Setting, Steel Trap..... 1228
- Tool Makers', Parallel.... 230
- Tool Makers', Steel..... 230
- Wire Rope 509
- Wire Stretching 263
- Wringer 1202

Clapboard Gauges 186
Clapboard Markers 186
Clasps—Cant Hook 493
Classifications—
- Boiler and Structural Rivet 2371
- Iron 2351
- Freight .....2397 to 2404
- Hoop Steel 2354
- Machinery Steel 2356
- Norway Iron 2355
- Steel Tire 2356
- Tool Steel 2357

Claw Bars 52
Claw Hammers .....31 to 34
Claw Hatchets 21, 22, 23, 24, 25, 26, 27
Claw Wrenches 292
Claws—
- Nail 43
- Tack 42

Cleaners—
- Drain 459
- Field 1855
- File 285
- Floor 1189
- Gun 1854
- Hoof 262
- Pilley Quick 2307
- Pneumatic 1191
- Pot 1223
- Revolver 1855
- Rifle 1855
- Sidewalk 462
- Sink 1223

C

PAGE

Cleaners—*Continued.*
- Window 1189
- Wire Pot 1223

Cleaner Tooth Gauges 98
Cleaning Implements—Gun 1854
Cleaning Rods 1854, 1855
Cleat Folders 2291
Cleaters and Nailer 2293
Cleats—Line 965
Cleavers—
- Butchers' 1140
- Family 1140

Clevises—Malleable Iron...2387, 2388
Climber Straps—Linemen's 263
Climbers—Linemen's 263
Clinch Nails 1003, 1007
Clinch Rivets 2374
Clip Cockeyes 674
Clippers—
- Bolt 324
- Fetlock 1644
- Hair 1644
- Horse 1644
- Nail 1658
- Toilet 1644

Clipping Machine Extras...1645, 1646
Clipping Machine Knives 1646
Clipping Machines—
- Horse 1645, 1646
- Sheep 1647, 1648

Clips—
- Bicycle Toe 1963
- Board 1557
- Cant Hook 493
- Cartridge 1815
- Center and Ring 2382
- Damper 1233
- Hame 675
- Paper 1560
- Toe Bicycle 1963
- Wire Rope 509

Clocks—Alarm 1707, 1708
Closers—Bench 1854
Closet Brushes 1181
Closet Knob Spindles 813
Closets—Cake 1433
Clothes—O-Cedar Duster 1207
Cloth—
- Brass Guard 1276
- Brass Strainer 1484
- Emery 1020
- Flax Screen 474
- Galvanized Wire 474
- Hardware Wire 474
- Pea Screen 474
- Sand Screen 474
- Screen Wire 475
- Spark 474
- Strainer Brass 1484
- Wire 474

Cloth Binding—Oil 1229
Cloth Rug—Oil 1229
Cloth Scales 1121
Cloth Staples—Wire 997
Clothes Bars 1203
Clothes Baskets 450
Clothes Driers 1203
Clothes Line Hooks 952
Clothes Line Pulleys 952

C

PAGE

Clothes Line Reels 1205
Clothes Lines 1205
Clothes Mangles 1202
Clothes Pins 1205
Clothes Racks 1203
Clothes Washers .....1209 to 1212
Clothes Wringers .....1198 to 1200
Clothing—
- Base Ball .....2171 to 2173
- Foot Ball 2204
- Oiled 2134

Clout Nails 995
Clover Rakes 413
Clubs—Indian 2156
Coach Housings 657, 658
Coach Makers' Chisels 142
Coach Makers' Drawing Knives.. 145
Coach Makers' Vises 299
Coach Screws 2362
Coal Barrows 485, 486
Coal Baskets 450
Coal Chutes 1238
Coal—
- Carriage Heater 700
- Charcoal 2307

Coal Hods 1234
Coal Miners' Sledges 48
Coal Picks 51
Coal Shovels 457
Coal Sieves 1235
Coal Wedges 48
Cocoa Shaped Dippers 1425
Coaster Brake Repairs 1955
Coaster Brakes 1955
Coaster Wagons 2012, 2013
Coasters—
- Children's 2014
- Fire Fly 2015
- Flexible Flyer 2015
- Sled 2014
- Wabash Steel 2016

Coat and Hat Hooks.....966 to 968
Coat Pocket Flash Lights...1970, 1971
Coating—Roof 1019
Coat Case—Canvas 2026
Coats—
- Athletic 2173
- Hunters' 1857, 1858
- Oiled 2173

Coaxer Baits 2120
Cobblers' Nails 999, 1000
Cobblers' Outfits 1132, 1133
Cockeyes 674
Cockeyes—Whiffletree 2386
Cock Keys—Sill 431
Cocks—
- Bibb 1136
- Brass 1136
- Loose Key 1136
- Racking 1136

Cocoa Brush Door Mats 975
Coffee Boilers—
- Garnet Enameled 1420
- Pieced Tin 1455
- Polar Blue and White..... 1405
- Royal Enameled 1409

Coffee Cake Pans—
- Aluminum 1442
- Hand Made Tin..... 1479

C

PAGE

Coffee Canisters 1434
Coffee Flasks—
- Pieced Tin 1458
- Royal Enameled 1410

Coffee Machines—Percolating ...
1448, 1449
Coffee Mills .....1101 to 1105
Coffee Percolators .....1445 to 1449
Coffee Pot Stands 1221
Coffee Pots—
- Aluminum 1439, 1441
- Garnet Enameled 1420
- Nickel Plated 1446
- Pieced Tin 1455
- Polar Blue and White..... 1405
- Porcelain White and White 1401
- Royal Enameled 1409

Coffee Strainers 1222
Coil Chain 510
Coil Washers 2380
Coke Fork Handles 417
Coke Forks 406
Colander Swages 2296
Colanders—
- Aluminum 1442
- Garnet Enameled 1424
- Hotel 1473
- Pieced Tin 1456
- Polar Blue and White..... 1407
- Porcelain White and White 1402
- Royal Enameled 1415
- Stamped Tin 1474

Cold Chisels 132
Cold Chisels—Blasksmiths' 325
Cold Meat Forks—
- Silver Plated .....
1684, 1687, 1691, 1695, 1699
- Sterling Silver 1700

Cold Rolled Copper 2278
Cold Rolled Shafting 2358
Cold Rolled Sheet Steel 2253
Cold Shuts 495
Collar Housings 657
Collar Pads 656, 657
Collar Straps 643
Collars—
- Dog 1872, 1873
- Horse .....650 to 654
- Stove Pipe 1233
- Weigh Can Gate..... 1137

Collapsing Cups 2133
Colonial Rim Knob Locks..... 759
Colored Pencils 1565
Colt Halters 649
Comb Cases 1434
Comb and Brush Cases 1452
Comb and Brush Trays 1175
Combs—Curry 692, 693
Combination Anvils and Vises... 302
Combination Bevels 228
Combination Casting and Trolling Rod 2055
Combination Doors 476
Combination Fence Pliers 467
Combination Gauges 185
Combination Glass and Soap Holder 1173
Combination Levels 199
Combination Lasts 1132

C

PAGE

Combination Pipe Kits 322
Combination Pipe Vises 301
Combination Planes .....165 to 168
Combination Pliers.....256 to 259
Combination Sauce Pans 1439
Combination Sets 120, 224
Combination Squares 193, 223
Combination Squares and Mitres. 193
Combination Tool Sets 120
Combination Tooth Brush and Glass Holder 1173
Combination Vises and Anvils... 302
Combination Wrenches 290
Combined Punches and Shears... 314
Combined Writing and Copying Ink 1561
Combs—
- Curry 692, 693
- Toilet Clipper 1644

Commode Pails 1404, 1432
Common Cut Nails 1007
Common Wire Nails 1002
Compass and Brackets..... 1870
Compass Saw Blades 89
Compass Saw Handles 91
Compass Saws 77
Compasses—
- Carpenters' 221
- Pencil 221
- Pocket 1870, 1871
- Hunters' 1870
- Surveyors' 240, 1871

Component Gun Parts...1875 to 1880
Component Revolver Parts 1889
Component Rifle Parts...1881 to 1888
Compound Cutting Nippers..... 260
Compound—Welding 2307
Compression Bibbs 1136
Computing Scales 1111
Concord Clips 675
Concord Hames 659
Concrete Barrows 484, 485
Concrete Carts 485
Concrete Shovels 456
Conductor Elbows 2275
Conductor Hangers 2276
Conductor Hooks 2276
Conductor Pipe 2275
Conductor Punches 137
Conductor Shoes 2275
Conductor Stakes 2295
Conductor Strainers 2276
Conductors—Water 525
Cone Head Iron Rivets....2371, 2372
Confectionery Scales 1109
Connecting Links 2128
Connections—
- Goose Neck 432
- Pump, Bicycle 1973

Connectors—
- Battery 876
- Linemen's 263

Consumers—Sanitary 1430
Continuous Hip Shingles 2258
Continuous Ridge 2258
Continuous Roofing 2251
Contractors' Barrows ....483 to 485
Contractors' Forges 305
Convex Kettles 1411

C

PAGE

Convex Pointer 248
Conway Loops 681
Cook Knives 1668
Cook Stove Dampers 1233
Cook Stoves—
- Gasoline 1252
- Wick, Blue Flame...1250, 1251
- Wickless, Blue Flame.... 1251

Cookers—
- Cereal 1421
- Steam 1471

Cookey Cutters 1445, 1458
Cook's Knives 1668
Cooking Sets—Children's 1444
Cooler Stands 1166
Coolers—
- Milk 1466
- Water 1166

Coon Traps 1227, 1228
Coops—Brood 523
Coopers' Adzes 147
Coopers' Axes 147
Coopers' Drawing Knives 146
Coopers' Hammers 38, 46
Coopers' Hammer Handles 54
Coopers' Hoop Drivers 147
Coopers' Hoop Knives 146
Coopers' Rivets 2370
Coopers' Scrapers 147
Coopers' Spoke Shaves 147
Coopers' Tools 146, 147
Coping—Ridge 2259
Coping Saw Blades 81
Coping Saws 81
Copper—
- Braziers' 2278
- Cold Rolled 2278
- Nickel Plated 2278
- Sheet 2278
- Tinned Sheathing 2278

Copper Bottoms 2277
Copper Braziers' Rivets 2370
Copper Burs 2373
Copper Oilers 1270
Copper Rivets and Burs..... 2373
Copper Tacks 996
Copper Ware 1452, 1453
Copper Wire 2279, 2280
Coppered Iron Rivets and Burs.. 2374
Coppered Steel Wire 2279
Coppers—Soldering 2306
Coppersmiths' Square Stakes.... 2296
Copying Books 1554
Copying Ink 1561
Copying Pencils 1565
Cord Irons—Sash 944
Cord—
- Elastic, Striking Bag..... 2199
- Picture 1177
- Sash 945

Core Box Planes 164
Corers—Apple 1146, 1456
Corks 1185
Cork—Churn 1216
Cork Drivers 1135
Cork Floats— .....
- Fishing 2126
- Plasterers' 246

Cork Pullers 1172

C

PAGE

Cork Screws 1172
Corn Cake Pans 1413, 1424, 1478
Corn Hooks 422
Corn Huskers .....443 to 445
Corn Knives....422, 1611, 1628, 1661
Corn Mills 427
Corn Planters 442
Corn Poppers 1219
Corn Razors 1632
Corn Shellers 441
Corn Shock Tighteners 441
Corner Bead—Metal 2262
Corner Borer 105
Corner Braces 105, 2384
Corner Chisels 139, 141
Corner Hay Racks 699
Corner Irons 2384, 2385
Corner Slicks—Moulders' 253
Corner Tools 248
Corner Trowels 246
Cornerbind Hooks 495
Cornering Tools 181
Corners—
- Assembling 2384
- Chest 895
- Metal Building 2262
- Pressed Steel 2262

Cornice—Embossed 2263
Cornice Brakes 2292
Cornice Hooks and Eyes..... 984
Cornice Makers' Crimpers..2282, 2289
Corrugated End Wall Flashing.. 2258
Corrugated Hinges 898
Corrugated Ridge Roll 2257
Corrugated Sheets 2255
Corrugated Standing Seam Roofing 2256
Corrugating Tool 248
Corundum Wheels 278
Cots—
- Camp 2161
- Tent 2161

Cottage Barometers 1196
Cotter Pin Tools 132
Cotters—Spring 2376
Cotton Mops 1206
Cotton Rope 507
Cotton Twine 1127
Cotton Waste 1127
Couch Hammocks.....2168, 2169
Counter Brushes 1182
Counter Scales.1109, 1113, 1115, 1116
Counter Show Cases 1287
Counter Watch Cases 1706
Counters—Hardware 1292, 1293
Countersink Bits 130, 131
Countersinks 113
Couplings—
- Hose 431
- Pump Hose 1973
- Sink 524

Cove Planes 176
Cover Handles—Milk Can..... 1470
Cover Knobs 1482
Cover Lifters 1236
Covered Buckets—
- Garnet Enameled 1426
- Pieced Tin 1462
- Polar Blue and White.... 1408

C

PAGE

Covered Buckets—*Continued.*
Porcelain White and White 1404
Royal Enameled 1417
Covering—Hip 2259
Covers—
Ash Can 1430
Boiler 1483
Bread Raiser 1474
Cattle 664
Chamber—
Polar Blue and White.. 1408
Porcelain White and White 1404
Royal Enameled 1419
Cream Can 1470
Fly 663, 664
Gun 1863
Horse 668
Kettle 1406, 1443
Pot, Royal Enameled 1410
Pot, Tin 1472, 1483
Rifle 1862
Sauce Pan 1406, 1472
Sauce Pot 1472
Sectional Stove 1237
Setter 1470
Storm Horse 668
Stove, Sectional 1237
Stove, Solid 1237
Wash Boiler 1483
Cow Bell Straps 520
Cow Bells 519
Cow Ease 435
Cow Halters 649
Cow Tie Chains 514
Cow Ties 515
Cow Weaners 518
Coyote Traps 1227
Crackers—Nut 1702
Cracks—
Nut 1702
Nut Pick and 1702
Cradle Extras 420
Cradle Fingers 420
Cradle Scythes 420
Cradle Snaths 420
Cradles—Grain 420
Crane Chain 512
Cranks—
Grindstone 271
Meat Chopper ...1142 to 1144
Wringer 1201
Crate Openers 44
Crayons—
Metal Workers' 1565
Oil 1565
Railroad 195
School 195
Cream Can Bottoms 1470
Cream Can Covers 1470
Cream Can Gauges 1469
Cream Cans 1465
Cream Dippers 1476
Cream—
Fly 2132
Silver 1240

C

PAGE

Cream Ladles—
Silver Plated .....
1685, 1688, 1692, 1696, 1699
Tin 1476
Cream Pitchers—White & White 1402
Cream Separators 1465
Cream Stirrer and Sampler..... 1466
Cream Whips 1221
Creamery Brushes 1181
Creasers—Blacksmiths' 325
Creasing Stakes 2295
Creasing Swedges 2296
Creek Seines 2146
Creepers—Ice 2003
Cremorne Bolts 921
Cresting Blocks 2260
Crimper and Beader.....2282, 2289
Crimpers—
Cap 1850
Cornice Makers' 2282, 2289
Stove Pipe 2289
Crimping Machines 2282, 2289
Crimping Tongs 2305
Croquet Sets 2157
Cross Clevises 2388
Cross Cut Saw Files 284
Cross Cut Saw Handles 90
Cross Cut Saws .....62 to 69
Cross Pein Hammers 36, 37
Cross Test Levels 238
Cross Test Levels and Plumbs... 238
Crow Bars 52
Crowns—Team 632
Crown Beam Scales 1120
Crucible Steel 2355
Crumb Pans and Brushes..... 1434
Crumb Trays and Brushes..... 1434
Crumb Trays and Scrapers..... 1452
Cruppers 640
Cruppers with Fork 640
Cuffs—Hand 1874
Cullenders—
Garnet Enameled 1424
Polar Blue and White.... 1407
Porcelain White and White 1402
Royal Enameled 1415
Cultivator Handles 490
Cultivator Steel 2355
Cultivators—
Garden 410, 411, 414
Norcross Midget 414
Cup Dippers—
Retinned 1425, 1476
Royal Retinned 1416
Cup Grease 1269
Cup Hooks 984
Cupboard Catches 927
Cupboard Keys 871
Cupboard Latches 929
Cupboard Locks 864, 867
Cupboard Turns 928, 929
Cups—
Aluminum 1443, 2133
Baby Food 1420
Bird Cage 1276
Children's 1416
Collapsing 2133

C

PAGE

Cups—*Continued.*
Drinking—
Aluminum 1443, 2133
Garnet 1426
Pieced Tin 1460
Polar Blue and White.. 1407
Porcelain, White and White 1403
Royal Enameled 1416
Stamped Tin 1477
Force 525
Lemon Squeezer 1171
Marking 1456
Measuring—
Aluminum 1443
Glass 1221
Royal Enameled 1416
Tin 1459
Molasses 1434
Mustard, White and White 1402
Nested 1443, 2133
Pieced, Royal Enameled... 1416
Straight—
Polar Blue and White.. 1407
Porcelain, White and White 1403
Royal Enameled 1416
Stamped Tin 1477
Cups and Saucers—
Garnet Enameled 1426
Polar Blue and White.... 1407
Royal Enameled 1416
Curbing Edger 248
Curb Gutter Tool 248
Curlers—Hair 1197
Curling Irons 1197
Curry Cards 694
Curry Combs 692, 693
Curtain Pole Brackets 1179
Curtain Pole Rings 1179
Curtain Pole Sets 1179
Curtain Pole Sockets 1179
Curtain Rings 1178
Curtain Rods 1179
Curtain Rod Brackets 1178
Curtain Stretchers 1204
Curved Bearing Scraper Sets.... 132
Curved Needle Nose Pliers..... 256
Cushions—
Air 2150
Boat 2150
Canoe 2150
Cuspidor Brushes 1181
Cuspidors—
Cast Iron 1438
Garnet Enameled 1427
Japanned 1438
Nickel Plated 1453
Polar Blue and White.... 1408
Royal Enameled 1419
Cut of Files 279
Cut of Rasps 279
Cut Tacks 998
Cut Nails—
Iron 1008
Steel 1007, 1008
Cuticle Knives 1661
Cuticle Scissors 1658

C

PAGE

Cutlery—
- Pocket ..... 1601 to 1629
- Table ..... 1663 to 1665

Cutlery Show Cases 1287
Cut-Offs—Rain Water 2276
Cutter Shoes 2359
Cutters—
- Bar Iron and Soft Steel... 313
- Belt 2378
- Biscuit 1445, 1458
- Bolt 324
- Bone 426
- Cake 1458
- Cheese 1138
- Child's 2015
- Chisel Grinders and..... 181
- Cookey 1445, 1458
- Doughnut 1445, 1458
- Dried Beef 1138
- Emery Wheel Dresser 278
- Expansive Bit 125
- Fuse 1850
- Gauge Glass 2376
- Glass 1197
- Hog Nose 517
- Kraut 1218
- Lace 2378
- Meat ..... 1142 to 1144
- Moulders' Gate 251
- Paper 1126
- Pipe 294
- Plane 167, 168
- Plug 117
- Rope 507
- Screw 156
- Slaw 1219
- Spoke Shave 147
- Thistle 415
- Tobacco 1138
- Vegetable 1147
- Wad 1853
- Washer 137
- Weed 415
- Wire 2293
- Wood Screw 156

Cutting Gauges 184
Cutting Nippers 260, 261
Cyclometer Brackets 1974
Cyclometer Spoke Pins..... 1974
Cyclometers—
- Bicycle 1974
- Motorcycle 1974
- Trip 1974

Cylinder Heads 1231
Cylinder Key Blanks 820, 821
Cylinder Rings 1231
Cylinders—Stove Pipe 1231

D

D Handle Scoops 457, 458
D Handle Shovels 451, 452
D Handle Spades 454
Dado Planes 165, 174
Dairy Brushes 1181
Dairy Pails 1463
Dairy Pans 1475
Dairy Scales 1109, 1118

D

PAGE

Dairy Thermometers 1196
Damper Clips 1233
Dampers—
- Cook Stove 1233
- Stove Pipe 1233

Dandelion Spuds 415
Darbies—Plasterers' 246
Darts 1822
Dash Churns 1216
Dash Lanterns 1256
Daubers—Shoe 1182
Day Books 1554
Dead Locks—
- Mortise 762
- Rim 757, 758
- Upright Store Door...757, 758

Deafening Felt 1016
Decappers 1853
Decorating Tubes 1489
Decoy Anchors 1866
Decoy Ducks 1866
Decoy Minnows 2107
Decoy Weights 1866
Deed Boxes 1435
Deep Ladles—
- Stamped Tin 1476
- Royal Enameled 1415

Deep Roast Pans..... 1491
Dees—
- Harness 677
- Heel Chain 678
- Pinery Hooks and..... 678
- Trace 678

Dehorners 519
Dehorning Saw Blades 89
Dehorning Saws 81
Dehorning Tools 519
Denatured Alcohol 1269
Dental Floats 1646
Depth Gauges 229, 230
Derrick Blocks 497, 498
Derrick Block Sheaves..... 497, 498
Description of Finishes..... 751
Desk Baskets 1558
Desk Butts 888
Desk Hinges 888
Desk Locks 861
Desk Slides 895
Dessert Forks—Sterling Silver... 1700
Dessert Knives and Forks..1665, 1680, 1681, 1689, 1693, 1697
Dessert Spoons—
- Aluminum 1701
- Nickel Silver 1701
- Silver Plated..1682, 1683, 1686, 1688, 1689, 1693, 1697
- Sterling Silver 1700

Detachable Mops 1206
Devon Minnows 2108
Diagonal Cutting Pliers..... 256
Dial Test Indicators—Universal.. 231
Diamond Point Chisels..... 132
Dies—
- Blacksmiths' 315
- [illegible] 316, 317
- Green River 321
- Lightning 321, 322
- Pipe Stock 323
- Pump Makers' 322

D

PAGE

Dies—*Continued.*
- Stocks and 314, 322
- Solid Pipe 323
- Superior 314
- Taps, Holders and..... 320
- Wrench 288

Die Cases 1293
Diggers—
- Post Hole 463
- Weed 415

Digging Forks 405
Digging Forks—Potato 407
Dinner Buckets—
- Garnet Enameled 1426
- Royal Enameled 1418
- Tin 1461, 1462

Dinner Horns 1434
Dinner Pails—
- Enameled.....1418, 1426, 1428
- Garnet Enameled 1426
- Royal Enameled 1418
- Tin 1461, 1462

Dinner Plates—
- Polar, Blue and White... 1407
- Porcelain White and White 1402
- Royal Enameled 1414

Dip Nets 2141, 2142
Dippers—
- Bullet 1851
- Cocoa Shaped 1425
- Cream 1476
- Cup, Garnet Enameled... 1425
- Cup, Royal Enameled.... 1416
- Cup, Stamped Tin 1476
- Family 1476
- Flaring, Royal Enameled. 1416
- Galvanized 1428
- Laundry, Galvanized 1428
- Laundry, Stamped Tin... 1476
- Milk 1476
- Suds, Pieced Tin..... 1460
- Water, Aluminum 1444
- Water, Galvanized 1428
- Water, Garnet 1425
- Water, Pieced Tin 1460
- Water, Polar Blue and White 1408
- Water, Porcelain White and White 1403
- Water, Royal Enameled.. 1416
- Water, Stamped Tin 1476

Dirt Barrows 486
Discs—Roofing 1018
Display Cabinets—Cabinet Lock. 868
Disgorgers 2128
Dish Drainers 1222
Dish Mops 1223
Dish Pans—
- Garnet Enameled 1423
- Hotel 1473
- Polar Blue and White.... 1406
- Porcelain White and White 1403
- Royal Enameled 1412
- Tin, Stamped 1474

Dishers—Ice Cream 1169
Dishes—
- Butter 1402
- Chafing 1449, 1450
- Soap, Brass 1173

D

PAGE

Dishes—*Continued.*
- Soap, Garnet Enameled .. 1427
- Soap, Polar Blue and White 1408
- Soap, Porcelain White and White 1404
- Soap, Royal Enameled.... 1418
- Soap, Wire 1223

Display Cases—
- Combination Razor Strop. 1639

Display Cabinets—Tool 1
Display Stands—Fish Rod 2051
Display Hanger—
- Combination Razor Strop. 1639

Ditching Spades 460
Dividers—
- Angle 186
- Bronze 235
- Carpenters' 221
- Extension 235
- Machinists' 233, 234
- Spring 233, 234
- Starrett's .....233 to 236
- Tool Makers' 233
- Universal 236
- Wing 221

Dog Calls 1869
Dog Collar Assortment 1873
Dog Collar Padlocks 853
Dog Collars 1872, 1873
Dog Leads 1874
Dog Muzzles 1873
Dog Whistles 1869
Dolce 2191
Door Bells .....873 to 875
Door Bolts—Mortise 925
Door Braces—Screen 913
Door Buttons 926
Door Catches—Screen 929, 930
Door Check Brackets.....909 to 911
Door Check Springs .....909 to 912
Door Checks and Springs.909 to 911
Door Checks—
- Holder 911
- Pivot 906
- Screen Door 912

Door Clamps 156
Door Fasteners—Chain 925
Door Guards 843
Door Hangers—
- Barn .....958 to 961
- Fire 961
- Parlor 956

Door Handles—
- Bungalow Front 804, 806, 808, 810
- Factory Door 838
- Store Door .....823 to 837

Door Holders 917
Door Keys—
- Cylinder 820, 821
- Mortise 815
- Rim 817

Door Knob Spindles 813
Door Knobs .....811 to 813
Door Knockers 805, 807, 809
Door Latches—
- Barn 840
- Screw 930

D

PAGE

Door Openers 877
Door Pulls...770, 773, 779, 742, 843
Door Mats—
- Cocoa 975
- Wire 975

Door Rail—
- Barn 962, 963
- Show Case 957
- Sliding 957

Door Rings—Trap 901, 935
Door Sets—Screen 908
Door Stay Rollers—Barn..... 962
Door Sheaves 957
Door Springs .....877, 909 to 913
Door Springs and Checks..909 to 912
Door Stops 917
Door Trips 877
Door Trim Planes 165
Doors—
- Ash Pit 1239
- Chimney 1239
- Flue 1239
- Screen 476
- Screen and Storm..... 476
- Vestibule Vault 1572

Dormant Scales 1121
Double Acting Blank Butts..... 904
Double Acting Spring Butts..... 904
Double Apron Pants 2134
Double Barrel Shot Guns.1801 to 1804
Double Bitted Axe Handles...53, 57
Double Bitted Axes .....2 to 11
Double Boilers 1471
Double Calipers 220, 234
Double Cutting Shears 2304
Double Driving Lines 635
Double Ender Files 281
Double End Match Planes..... 166
Double Fish Hooks 2096
Double Frocks 2134
Double Harness .....614 to 627
Double Jackets 2134
Double Jointed Chain 510
Double Pointed Tacks 997
Double Seamers—Roofing ..2293, 2294
Double Seaming Stakes 2295
Double Squares 225
Double String Pants 2134
Double Team Lines 635
Double Trolling Spoons 2098
Doubletree Clevises 2387
Doubletree Staples 2386
Douche Pans 1404, 1409
Doughnut Cutters 1445, 1458
Dovetail Saws 77
Dowel Bits 124
Doweling Jigs 182
Drafts—Blank 1555
Drag Saws 60
Drain Cleaner Handles 459
Drain Cleaners 459
Drain Spades 459
Drainage Levels 240
Drainers—
- Dish 1222
- Sink 524, 1417, 1424

Drapery Pin Hooks..... 1179

D

PAGE

Drawer Handles—Drop..... 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 801, 935
Drawer Locks .....862 to 864
Drawer Pulls .....931 to 933
Drawers—Money 1287
Drawing Knives 145
Dredge Boxes 1434
Dressers—Emery Wheel 278
Dressing—
- Belt 2378
- Carriage Top 698
- Harness 698

Dried Beef Cutters..... 1138
Driers—Clothes 1203
Drifting Pick Eyes..... 51
Drifting Pick Handles..... 56
Drifting Picks 51
Drill Attachments—Garden 411
Drill Bits 127, 128
Drill Bits—Bell Hangers' 128
Drill Blocks and Clamps..... 230
Drill Braces 105
Drill Cases 1293
Drill Chucks 311
Drill Gauges 242
Drill Point Chucks 113
Drill Points 112
Drill Rod 2357
Drill Sets—
- Bit Stock 126
- Breast 126
- Jobbers' 126
- Jewelers' 126

Drilling Attachments 111
Drilling Hammers 46
Drills—
- Automatic 112
- Bell Hangers' 128
- Bench 308
- Bit Stock 127
- Blacksmiths' 309, 310
- Brace 127, 128
- Breast .....108 to 110
- Brick 132
- Hand 107, 108
- Post 310
- Ratchet 312
- Star Pattern 132
- Tire 312
- Twist 127, 128
- Upright 309, 310

Drinking Cups—
- Aluminum 1443
- Collapsing 2133
- Flaring 1426
- Garnet Enameled 1426
- Pieced Tin 1460
- Polar, Blue and White.... 1407
- Porcelain White and White 1403
- Royal Enameled 1416
- Stamped Tin 1477

Drinking Fountains 523
Dripping Pans 1491
Drive Rings—Snath 419
Drive Way Groovers..... 247
Drive Well Points 526
Driver Attachment—Screw..... 113

D

PAGE

Driver Bits—Screw 113, 130
Driver Sets—Screw 116
Drivers—
Coopers' 147
Cork 1135
Hoop 147
Screw .....112 to 117, 237
Driving Hammers—Farriers' ... 40
Driving Lamps 1256, 1257
Driving Lines 635
Driving Traces 636
Drop Drawer Handles .....
767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 801, 935
Drop Lever Scales 1119
Drop Shot 1849
Drops—Eaves Trough 2274
Druggists' Drawer Pulls.....931, 933
Dry Batteries 876
Dry Flies 2115
Dry Foot Hoppers—Poultry 523
Dry Mash Hoppers—Poultry ... 523
D's—
Fork and Shovel Handle.. 418
Harness 677
Heel Chain 678
Duck Boats 2148
Duster Cloths—O-Cedar 1207
Dusters—
Feather 1183
Lap 665
O-Cedar 1207
Painters' 1186
Wool 1183
Dusting Mops—O-Cedar 1207
Duck Calls 1869
Ducks—Decoy 1866
Dumb Bells 2156
Dumb Waiter Pulleys..... 949
Dumpy Levels 240
Dump Barrows 487
Duplex Grates 1237
Duplex Planes 166
Dust Pans 1438
Dynamite 1850
Dynamite Caps 1850

E

Ear Markers 517
Ear Protectors 2198
Ears—
Kettle 1484
Malleable Iron 1484
Pail 1484
Tea Kettle 1484
Wrought 1484
Ear Tips 665
Ease—Cow 435
Eaves Tile 2261
Eaves Trough 2273
Eaves Trough Drops 2274
Eaves Trough End Caps 2274
Eaves Trough Ends 2274
Eaves Trough Ends and Drops.. 2274
Eaves Trough Hanger Tongs.... 2274
Eaves Trough Hangers 2274

E

PAGE

Eaves Trough Mitres 2273
Eaves Trough Outlets 2274
Eccentrics—Wire Stretcher 465
Edge Trimmers—Lawn 427
Edge Trimming Planes 163
Edgers—
Cement Workers' 247, 248
Turf 415
Edges—
Straight, Machinists' 223
Straight, Saw Makers'.... 92
Straight, Tinners' 2297
Edging Machines 2288
Edging Rolls 2288
Egg Beaters 1222, 1473
Egg Case Nails 1006
Egg Kettles—Hotel 1472
Egg Slicks 253
Egg Slicers 1445
Egg Timers 1445
Egg Whips 1222
Eggs—Nest 523
Elastic Cord—Striking Bag..... 2199
Elbow Bandages 2176
Elbow Catches—
Barn Door 840
Cupboard 926
Elbow Edging Bachines 2288
Elbow Pads 2204
Elbows—
Conductor 2275
Furnace Pipe 1231
Stove Pipe 1231
Electric Wash Machines....1210, 1211
Electric Bell Sets 875
Electric Bells 877
Electric Bicycle Lamps 1968
Electric Chafing Dishes 1449
Electric Grill 1449
Electric Hand Lamps 1968
Electric Percolating Machines... 1449
Electric Sad Irons 1193
Electric Toasters 1449
Electrical Fuzes 1850
Electricians' Bits 128
Electricians' Knives 1621
Electricians' Pliers 259
Electricians' Pocket Screw Drivers 237
Electricians' Staples 877
Elevator Bolts 2364
Elevator Rope 508
Elongated Escutcheons 814
Embossed Ceiling 2263
Embossed Cornice 2263
Embossed Steel Ceiling 2263
Embroidery Scissors 1654
Emergency Tops 2063
Emery 430
Emery Cloth 1020
Emery Grinders 273
Emery Oil Slips 268
Emery Oil Stones 266
Emery Paper 1020
Emery Slips 268
Emery Wheel Dressers 278
Emery Wheels 277
Empty Tool Chests—Carpenters'. 216

E

PAGE

Enamel
Aluminum, Iron 1240
Bicycle 1976
Iron 1241
End Caps—Eaves Trough 2274
End Clevises 2388
End Cutting Nippers 260
End Lock Formers 2257
End Wall Flashings 2258
Ends—
Bolt 2352
Eaves Trough 2274
Leather Check 630
Overcheck 630
Shaft 2384
Engineers' Gauges 229
Engineers' Hammers 38
Engineers' Tapes 211
Engineers' Transits 239
Engineers' Wrenches 289
Ensilage Forks 403
Equipments—Hunting Boat 2148
Erasers—
Black Board 1567
Rubber 1568
Escutcheon Pins 955, 995
Escutcheons—
Brass Circular 894
Cabinet 894
Elongated 814
Plate 814
Even Balance Scales 1114
Evener Swivel Clevises 2388
Evener Swivel Hooks 495
Evener Woods—Finished 2382
Eveners—Wagon 2381, 2382
Exercisers—Racine Spring 2156
Everlasting Fish Hoooks 2095
Expanders—
Boiler 2291
Chest 2156
Expansion Bolt Shields 2365
Expansion Bolts 2365
Expansive Bit Cutters 125
Expansive Bits 125
Express Harness .....611 to 614
Express Housings 658
Express Lines 635
Express Saddles 647
Express Shaft Tugs 642
Express Stake Irons 2385
Express Wagons—Boys' 2011
Express Whips 690
Extension Beam Trammels 236
Extension Bit Holders 106
Extension Bob Skates 2003
Extension Dividers 235
Extension Flush Bolts 924
Extension Front Grates—Stove.. 1237
Extension Ladders 1284
Extension Rules 207
Extension Strainers 1222
Extensions—
Bit Brace 106
Spray Pump 435
Extractors—
Broken Shell 1854
Fish Hook 2128

E

PAGE

Extractors—*Continued.*
Meat Juice 1146
Shell 1854
Extras—
For Bailey Planes ...169, 170
For Churns 1216
For Clipping Machines... 1645
For Enterprise Choppers.. 1144
For Fence Stretchers..... 466
For Food and Meat Choppers 1142, 1143
For Grain Cradles 420
For Grinder Attachment.. 1646
For Grindstone Fixtures.. 271
For Hay Knives 423
For Ice Cream Freezers... 1167, 1168
For Mitre Boxes 187, 189
For Nested Saws 76
For Sad Irons 1192
For Scythe Snaths 419
For Shannon Files 1557
For Shearing Machines... 1647, 1648
For Stanley Planes.169 to 172
For Tinners' Machines.... 2283 to 2290
For Tinners' Furnaces.... 2297 to 2300
For Toilet Clippers 1644
For Universal Choppers.. 1143
For Wrenches 293
Extra Finish Stove Hollow Ware 1486, 1487
Eye Bolts 965
Eye Glass Screw Drivers..... 237
Eye Hinges—Screw Hook and... 899
Eye Shields 1703
Eyers—Pineapple 1146
Eyes—
Brass Hooks and 984
Storm Window 915
Wire Screw 987, 988
Cock (Whiffletree) 2386
Cornice Hooks and 984
Gate Hooks and 984
Pick, Drifting 51
Pick, Railroad 51
Screw, Bright Wire...987, 988
Wrought Steel Hooks and. 984

F

Faces—Register .....1010 to 1014
Face Pieces—Team 632
Factory Can Handles 1470
Factory Can Stock 1469
Factory Door Handles 838
Factory Milk Cans 1468, 1469
Factory or Farm Baskets..... 450
Family Choppers 1140
Family Dippers 1476
Family Grindstones 271
Family Scales 1109, 1110
Family Scoops 1480
Family Soldering Sets 2307
Fancy Calipers 220
Fancy Wood Planes.....174 to 176

F

PAGE

Farm Bells 520
Farm Fencing 470
Farm Harness .....620 to 623
Farm Levels 241
Farm Breeching Harness..620 to 623
Farm Plow Harness 619, 620
Farm Team Harness 620, 621
Farm Wagons—Boys' 2013
Farmers' Anvils 303
Farmers' Boilers 521
Farmers' Forges 304, 305
Farmers' Forks .....401 to 407
Farmers' Machine Punches 134
Farmers' Rivet Sets 2305
Farmers' Vises 296
Farming Tool Brackets 426
Farriers' Hammers 40
Farriers' Hammer Handles 54
Farriers' Knives 324
Farriers' Pincers 262
Fasteners—
Casement Window 937
Chain Door 925
Conductor 2276
Eaves Trough 2274
Hame 675
Hoop 2370
Ice Box 894
Paper 1560
Refrigerator 893
Rope 674
Sash 938, 939
Sash Chain 944
Screen Window ....914 to 916
Storm Sash 914, 915
Window, Basement 916
Window Screen ...914 to 916
Faucet Rubber Balls 1136
Faucets—
Automatic 1135
Bibb 1136
Brass 1136
Cork Lined 1135
Hose Bibb 1136
Leather Lined 1135
Loose Key 1136
Measuring 1138
Metal Key 1135
Milk Can 1137
Molasses 1137
Oil 1137
Oil Can 1137
Petroleum Oil 1137
Racking Cock 1136
Self Measuring 1138
Wood 1135
Feathered Treble Fish Hooks.... 2096
Feather Dusters 1183
Feed Bags 670
Feed Pails 448
Felling Saws 62
Felloe Oilers 2380
Felt—
Deafening 1016
Slaters' 1016
Tarred 1016
Threaded 1016
Fence—Poultry 472
Fence Match Planes 166

F

PAGE

Fence Nails 1004, 1008
Fence Pliers 467
Fence Ratchets 465
Fence Staples 467
Fence Stretchers 466
Fence Wire 467, 468
Fencing—
Chicken 471
Farm 470
Hog 470
Lawn 471, 472
Pittsburg Perfect 470, 471
Rabbit 471
Ferrule Caps 418
Ferrule Cement 2132
Ferrules—
Brass 154
Chisel Handle 154
Fishing Rod 2067
Fork 418
Hay Fork 418
Hoe Handle 418
Manure Fork 418
Neckyoke 2383
Spading Fork 418
Whiffletree 2382
Ferrules and Hooks 2382
Ferrules and Rings 2383
Fetlock Clippers 1644
Fetlock Shears 1649
Fibre Chair Seats 1204
Fibre Head Mallets 149
Fibre Pails 1213
Fibre School Bags 2026
Fibre Suit Cases 2022, 2023
Fibre Telescopes 2026
Fibre Trunks 2019
Field Cleaners 1855
Field Hoes 408, 409
Field or Storage Tanks..... 1266
Fielders' Gloves .....2187 to 2191
Fielders' Mitts 2187
Fighting Gloves 2198
Figures—
Brass 1134
Milk Can 1470
Steel 1134
Stencil 1134
Figuring Tablets 1555
File Brushes 285
File Cards 285
File Cleaners 285
File Handles 153
File Holders 285
Filers' or Finishers' Vises..... 298
Files—
Accordion 1557
Acme Hand Saw 284
Arch 1557
Auger Bit 285
Band Saw 284
Box Letter 1557
Cabinet 284
Cant 284
Condensed Price List..... 280
Cross Cut Saws 284
Double Ender 281
Flat Bastard 281
Flat Bastard, Second Cut. 281

F

PAGE

Files—*Continued.*
Flat Bastard, Smooth ... 281
Flat, Wood ... 284
Great American Saw ... 284
Half Round, Bastard ... 283
Half Round, Second Cut ... 283
Half Round, Smooth ... 283
Half Round, Wood ... 284
Hand, Bastard ... 283
Hand, Smooth Cut ... 283
Hand, Saw ... 284
Hand, Smooth ... 283
Horse Tooth ... 285
Illustrations of ... 279
Knife Bastard ... 283
Knife Second Cut ... 283
Knife Smooth ... 283
List of ... 280
Manicure ... 1661
Mill Bastard ... 282
Mill Second Cut ... 282
Paper ... 1558
Pit Saw ... 284
Planer Knife ... 282
Round Bastard ... 282
Round Second Cut ... 282
Saw, Cross Cut ... 284
Saw, Taper ... 281
Saw, Taper, Double Ender 281
Shannon ... 1557
Side ... 96
Slim Taper ... 281
Square, Bastard ... 282
Square, Second Cut ... 282
Stubs' Taper ... 281
Taper ... 281
Warding Bastard ... 283
Warding Second Cut ... 283
Weed's Special Slim ... 281
Wood ... 284
Filing Guides—Saw ... 98
Fillers—
Carbon Book ... 1556
Fruit Jar ... 1416, 1443, 1480
Lunch Box ... 1436
Fillet Gauges ... 229
Filletster Planes ... 166, 174
Filters—Water ... 1135
Fine Wire Nails ... 1004, 1007
Finger Hooks ... 2063
Finger Stalls ... 444
Fingers—Cradle ... 420
Finials—
Gable ... 2260, 2261
Globe ... 2258
Hip ... 2258, 2260, 2261
Finish—Gable End ... 2259
Finished Wagon Eveners ... 2382
Finishing Nails ... 1003, 1008
Finishing Trowels ... 243
Fire Backs ... 1237
Fire Door Fixtures ... 961
Fire Door Hangers ... 961
Fire Fly Coasters ... 2015
Fire Pail Hooks ... 970
Fire Pails ... 1429
Fire Pokers ... 1236
Fire Pots ... 2298
Fire Shovels ... 1235

F

PAGE

Fireless Cooker Pots ... 1411
Firemen's Handled Axes ... 19
Firm Joint Calipers ... 234, 235
Firmer Chisels ... 138, 140, 142 to 144
Firmer Gouges ... 139, 141, 143, 144
First Basemen's Mitts ... 2185, 2186
Fish Bags ... 2142
Fish Bait ... 2107, 2108, 2113, 2120
Fish Balances ... 2132
Fish Baskets ... 2139
Fish Boilers ... 1410
Fish Boxes ... 2148
Fish Holders ... 2131
Fish Hook Extractors ... 2128
Fish Hooks—
Double ... 2096
Everlasting ... 2095
Pork Rind ... 2095
Ringed ... 2088 to 2094
Snelled ... 2088 to 2094
Treble ... 2096
Weedless ... 2095, 2096
Fish Knives ... 2131
Fish Line Swivels ... 2128
Fish Lines ... 2075 to 2087
Fish Nets ... 2141, 2142
Fish Phantom ... 2113
Fish Pole Caps ... 2068
Fish Racks ... 1492
Fish Scalers ... 2129
Fish Spear Handles ... 2130
Fish Spears ... 2130
Fish Stringers ... 2129
Fisher Traps ... 1227
Fishermen's Knives ... 2131
Fishing Boats ... 2148
Fishing Lamps ... 2155
Fishing Poles ... 2051
Fishing Reels ... 2069 to 2074
Fishing Rod Display Stands ... 2051
Fishing Rods ... 2051 to 2062
Fishing Tackle Assortments ... 2125
Fishing Tackle Boxes ... 2136, 2137
Fitting Hammers—Farriers' ... 40
Five O'clock Tea Spoons ... 1689, 1693, 1697
Fix All Cement ... 1022
Fixtures—
Bath Room ... 1173 to 1176
Fire Door ... 961
Grindstone ... 271
Hardware Store ... 1288 to 1294
Stair Gauge ... 238
Store ... 1288 to 1294
Toilet Paper ... 1176
Flake Graphite ... 699
Flanges—Grindstone ... 271
Flanging Tongs ... 2257
Flank Fly Nets ... 662
Flannel Gloves ... 446, 447
Flannel Mittens ... 445, 446
Flap Hinges ... 887
Flaring Dippers ... 1416
Flaring Pails ... 1464
Flashing—
End Wall ... 2258
Porch ... 2259
Flashing Hooks ... 2276
Flash Lights ... 878, 879, 1969 to 1971

F

PAGE

Flasks—
Coffee ... 1458
Coffee, Royal Enameled ... 1410
Flat Bastard Files ... 281
Flat Heat Iron Rivets ... 2372
Flat Head Screws ... 989 to 994
Flat Iron ... 2351, 2355
Flat Nose Pliers ... 255 to 259
Flat Skimmers ... 1415, 1474
Flat Varnish Brushes ... 1184
Flat Wood Files ... 284
Flat Wood Rasps ... 284
Flatters—Blacksmiths' ... 325
Flax Screen ... 474
Flax Seed Testers ... 1116
Flax Twine ... 1127
Flesh Forks ... 1473, 1481
Flexible Flyers ... 2015
Flies—
Bass ... 2118, 2119
Bucktail Spoon Bass ... 2109
Dry ... 2115
Trout ... 2115 to 2117
Flint Sand Paper ... 1020
Floaters—Fish ... 2113
Floats—
Dental ... 1646
Fish Line ... 2126
Minnow ... 2139
Plasterers' Cork ... 246
Floor Brushes ... 1188
Floor Ceaners ... 1189
Floor Hinges—
Checking ... 906
Mortise ... 904
Surface ... 905, 906
Floor Hooks ... 438
Floor Planes ... 164
Floor Registers ... 1010 to 1014
Floor Scrapers ... 179, 180
Floor Scraping Machine Knives ... 180
Floor Scraping Machines ... 180
Floor Spring Hinges ... 904 to 906
Floor Show Cases ... 1285, 1286
Floor Stops ... 917
Floor Ventilators ... 1232
Flooring Brads ... 1003, 1008
Flooring Hatchets ... 24
Flooring Saws ... 78
Floral Forks ... 414
Floral Sets ... 414, 415
Floral Shovels ... 415
Floral Tools ... 414, 415
Flounce Irons ... 1192
Flour Bins ... 1433
Flour Bins and Sifters ... 1433
Flour Cans ... 1433
Flour Sieves ... 1221
Flour Sifters ... 1221
Flower Bed Border ... 469
Flower Pot Brackets ... 974
Flowing Varnish Brushes ... 1184
Flue Doors ... 1239
Flue Stoppers ... 1234
Flue Ventilators ... 1239
Fluid—Neverleak Tire ... 1976
Flush Bolts ... 921, 923, 924
Flush Chest Handles ... 934
Flush Drawer Handles ... 935

F

PAGE

Flush Rings 935
Flush Sash Lifts ....766 to 801, 940
Flush Trap Door Rings..... 935
Fly and Germ Killer..... 435
Fly Books 2123
Fly Boxes 2123
Fly Covers 663, 664
Fly Cream 2132
Fly Killers 1220
Fly Killer Oil 435
Fly Nets .....661 to 663
Fly Rods .....2053 to 2062
Fly Spoons 2098
Fly Traps 1220
Flyers—Flexible 2015
Flying Targets 1866
Folder and Brake—Tinners'..... 2281
Folders—
Bar 2281, 2283
Cleat 2291
Pipe 2281
Roofing 2293
Sheet Iron 2281
Square Pan 2296
Tin 2281, 2283
Wood Roofing 2293
Folding Anchors 2149
Folding Chairs 2160
Folding Grids 2154
Folding Drawing Knives 145
Folding Lunch Boxes 1436
Folding Machines 2281, 2283
Folding Steel Rules 206
Food Chopper Parts.....1142, 1143
Food Choppers 1142, 1143
Food Hoppers 523
Food Pushers 1685
Foot Ball Bladders 2202
Foot Ball Clothing 2204
Foot Ball Goods .....2201 to 2205
Foot Ball Guides 2202
Foot Ball Pads 2204
Foot Ball Pants 2204
Foot Ball Shoes 2205
Foot Balls 2201, 2202
Foot Baths—
Galvanized 1432
Garnet Enameled 1427
Japanned 1437
Royal Enameled 1419
Foot Bolts 920, 922
Foot Power Grinders 273
Foot Pumps—Bicycle 1972
Foot Scrapers 975
Foot Seamers 2257
Foot Warmers 1490
Force Cups—Plumbers' 525
Force Pumps 434
Forceps—Pig 517
Force Planes 157, 161, 173, 174
Forges—
Blacksmiths' 304, 305
Boilermakers' 306
Contractors' 305
Farmers' 304, 305
Horse Shoers' 305
Iron Workers' 306
Machinists' 306
Portable 304, 305, 306

F

PAGE

Forges—*Continued.*
Riveters' 306
Stationary 306
Tinsmiths' 306
Fork and Shovel Brackets..... 426
Fork Ferrules 418
Fork Handles 416, 417
Fork Pulleys—
Hay 439
Hay Carrier 438
Forks—
Alfalfa 402
Bark 406
Barley 402, 403
Camping Knives and.1626, 2131
Carving Knives and.....
1673 to 1676
Chafing Dish 1449
Children's 1665
Coke 406
Cold Meat, Silver Plated..
1684, 1687, 1691, 1695, 1699
Cold Meat,Sterling Silver. 1700
Dessert Knives and..1665,
1680, 1681, 1689, 1693, 1697
Dessert, Sterling Silver... 1700
Digging 405
Ensilage 403
Farmers' .....401 to 407
Floral 414
Flesh 1473, 1481
Grain 402
Grapple Hay 440
Hay 401, 405
Harpoon Hay 440
Header 402
Ice Cream 1695
Kitchen 1666
Manure, D Handle..... 404
Manure, Long Handle.404, 406
Nickel Silver Knives and..
1681, 1682
One Arm Man, and Knife. 1666
Oyster, Silver Plated.....
1687, 1691, 1695, 1699
Oyster, Sterling Silver.... 1700
Pearl Handle 1679
Pickle .....
1684, 1687, 1691, 1695, 1699
Pie 1691, 1695
Potato Digging 407
Salad, Individual .....
1684, 1691, 1695, 1699
Silver Plated..1679, 1680,
1683, 1686, 1689, 1693, 1697
Silver Plated Knives and..
1679 to 1681, 1683,
1686, 1689, 1693, 1697
Spading 405
Stable 403
Stone 406
Sugar Beet 412
Table Knives and.1663 to 1665
Table, Sterling Silver..... 1700
Tinned Knives and..... 1682
Vegetable Scoop 406
Formers—
Bail 2293
End Lock 2257

F

PAGE

Formers—*Continued.*
Handle 2293
Square Pan 2296
Stove Pipe 2290
Tin Pipe 2290
Wire Ring 2293
Forms—Quick Working 2292
Foundry Nails 1005
Foundry Riddles 475
Fountain Pen Ink..... 1561
Fountains—Poultry Drinking.... 523
Founts—Lamp 1260
Founts and Burners..... 1260
Fox Traps 1227, 1228
Frame Pulleys 947, 948
Frames—
Bracket Saw 82
Buck Saw 86
Cabinet Saw 83
Chimney Cap 1239
Fish Net 2140
Hack Saw 78, 79
Hammock 2170
Landing Net 2140
Pipe Wrench 293
Ventilator 1239
Window Screen 477
Wood Saw 86
Framing Chisels 139, 140, 143
Framing Squares 190
Freezer Cans 1169
Freezer Clamps 1169
Freezer Repairs 1167, 1168
Freezers—Ice Cream.....1167 to 1169
Freight Classification....2397 to 2404
French Cooks' Knives 1668
French Model Scoops 1480
French Window Catches 928
Friction Catches 926
Friction Drive Tool Sets..... 116
Frog Buckets 2137
Frog Harness 2098
Frog Spears 2130
Frog Tandems 2097
Frogs—
Artificial 2113
Cork 2113
Rubber 2113
Fronts—Bridle 634
Front Door Handles and Locks—
Bungalow..804, 806, 808, 810
Residence .....823 to 826
Store Door .....823 to 836
Front Door Lock Sets—
Arcadian Design 765
Arles Design 766
Bungalow 807
Carson Design 803
Carvell Design 768
Ceres Design 822
Charlton Design 771, 802
Douglass Design 774, 802
Florian Design 776
Gyros Design 777
Hellas Design 780
Lydian Design 782
Madison Design 822
Magnolia Design 784
Mesa Design 807

F

PAGE

Front Door Lock Sets—*Continued.*
- Octagon Design 803
- Plain Design 785
- Randolph Design 822
- Regent Design 789
- Revere Design 791
- Sterling Design..793 795, 797
- Unit 822
- Warwick Design 798
- Wellington Design 800

Front Hubs—Bicycle 1962
Front Stove Grates—Extension.. 1237
Front and Winker Stays..... 631
Fruit Jar Fillers—
- Aluminum 1443
- Royal Enameled 1416
- Stamped Tin 1480

Fruit Knives...1679, 1690, 1694, 1698
Fruit Pickers 425
Fruit Presses 1145, 1146
Fruit Scales 1107
Fry Pans—
- Acme 1490
- Aluminum 1442
- Garnet Enameled 1425
- Hotel 1472
- Royal Enameled 1415

Fryers—Potato 1224
Fuel Chutes 1238
Fullers—
- Blacksmiths' Bottom 325
- Blacksmiths' Top 325

Fuller Bibbs 1136
Fuller Rubber Balls 1136
Funnel Nets 2143
Funnels—
- Automobile 1267
- Copper 1452
- Fruit Jar, Aluminum..... 1443
- Fruit Jar, Royal Enameled 1416
- Fruit Jar, Stamped Tin... 1480
- Garnet Enameled 1427
- Pieced Tin 1459
- Polar Blue and White.... 1408
- Royal Enameled 1417
- Valve 1452

Fur Robes 670
Furnace Cement 1242
Furnace Pipe Elbows 1231
Furnace Scoops 456
Furnaces—Tinners' .....2297 to 2300
Furnished Lines 2086, 2087
Furniture Handles 932
Furniture Knobs 936
Furniture Nails 1178
Furniture—Porch 2158
Furring Planes 163
Fuse Cutters 1850
Fuse—Safety 1850
Fuzes—Electrical 1850

G

Gable End Finish 2259
Gable Finials 2260, 2261
Gad Tongs 326
Gaff Hooks 2131
Gallery Rifles 1815
Gallery Targets 1866

G

PAGE

Galvanized Sheet Steel..... 2254
Galvanized Plain Shingles 2258
Galvanized Steel Angles 2353
Galvanized Steel Ware ..1428 to 1432
Galvanized Wire Cloth 474
Game Carriers 1861
Game Shears 1678
Game Traps 1227, 1228
Gangs—
- Bucktail 2109
- Minnow 2108
- Worm 2114

Garage Door Locks 841
Garage Hinges 899
Garbage Cans 1430
Garden Barrows 487
Garden Cultivators 410, 411
Garden Drill Attachment 411
Garden Hoe Handles 416
Garden Hoes 408
Garden Hose 431
Garden Mattocks 50
Garden Rake Handles 416
Garden Rakes 412
Garden Tools 414, 415
Garden Trowels 414
Garden Weeders 414
Garment Hangers 969
Garnet Paper 1020
Gas Chimneys 1263
Gas Lamps—Bicycle 1967
Gas Mantles 1262
Gas Pliers 257, 258
Gaskets—Gauge Glass 2376
Gasoline 1269
Gasoline Blow Torches.....2301, 2302
Gasoline Cans 1265
Gasoline Mantles 1262
Gasoline Sad Irons 1193
Gasoline Stove Ovens.....1253, 1254
Gasoline Stoves 1252
Gasoline Tanks 1266
Gasoline Torch Burners 1261
Gasoline Torches 1261
Gate Collars—Weigh Can 1137
Gate Cutters—Moulders' 251
Gate Hinges 902
Gate Hinges and Latches..... 902
Gate Hooks and Eyes..... 984
Gate Hooks—Safety 900
Gate Latches 756, 902
Gates—
- Molasses 1137
- Oil 1137
- Self Measuring 1138
- Walk 471, 472
- Weigh Can 1137

Gauge Fixtures—Stair 238
Gauge Glass Cutters 2376
Gauge Glass Gaskets 2376
Gauge Glasses 2376
Gauges—
- Bit 181
- Butt 183
- Caliper 227
- Center 228
- Chisel 181
- Circumference and Slide Rule Caliper 225

G

PAGE

Gauges—*Continued.*
- Clapboard 186
- Cleaner Tooth 98
- Combination 185
- Cream Can 1469
- Cutting 184
- Depth 229, 230
- Drill 242
- Engineers' 229
- Fillet 229
- Jointer 182
- Lumber 242
- Marking 184, 185
- Metal Bar 185
- Micrometer Caliper 227
- Micrometer Depth 230
- Mortise 184
- Panel 183
- Pattern Makers' 185
- Radius 229
- Roller 185
- Saw 98
- Scratch 230
- Screw Pitch 228
- Set 98
- Shingle 30
- Slitting 183
- Stop Thread 228
- Surface 231
- Tap and Wire 242
- Thickness 229
- Tire Pressure 1973
- Twist Drill 242
- Vernier Depth 230
- Wire 242

Gauging Rods 207
Geese—Tailors' 1194
Gem Pans—
- Cast Aluminum 1440
- Cast Iron 1489

Gem Scribers 221
General Purpose Shovels 462
General Purpose Wrenches..291, 292
Gent's Ice Skates.....2001, 2002
German Plow Steel 2355
German Shovels 455
German Spade Handles 418
German Spades 455, 456
Gig Housings 657, 658
Gig Saddles—Single Strap 647
Gill Nets 2144
Gimlet Bits 129
Gimlets—
- Bell Hangers' 128
- Double Cut 129
- Metal Head 129
- Nail 129
- Spike 129

Gimp Leaders 2124
Girls' Bicycles 1954
Glass and Soap Holders..... 1173
Glass and Tooth Brush Holders.. 1173
Glass Cutters 1197
Glass Door Knobs 811
Glass Founts 1260
Glass Holders 1173
Glass Push Plates 811
Glass Racks 1293
Glass Reflectors 1260

G

PAGE

Glass Shelves 1174
Glass—Window 1021
Glasses—
Gauge 2376
Level 201
Shooting 1866
Glaziers' Points 1021
Gliding Casters 978
Globe Finials 2258
Globe Floaters 2113
Globes—
Lamp 1263
Lantern 1264
Glovers' Needles 1128
Gloves—
Boxing 2196, 2197
Fielders' .....2187 to 2191
Fighting 2198
Flannel 445, 447
Husking 445, 446, 447
Striking Bag 2199
Glue—
Ground 1022
Liquid 1022
Mechanics' 1022
Sheet 1022
Glue Kettles 1022
Glue Pots 1022
Goals—Basket Ball 2207
Goggles 1703
Gold Paint 1240
Gong Bells 875
Goose Guns 1805
Goose Neck Connections 432
Gopher Traps 1227
Gouges—
Carpenters' 139, 141, 143
Firmer, Socket..139, 141, 143
Firmer, Tanged 144
Long Paring, Socket..... 143
Millwrights' 143
Paring, Socket 143
Tanged 144
Turning 144
Grab Hooks 495
Grading Plows 489
Graduated Measures 1417
Grain Baskets 449
Grain Cradles 420
Grain Cradle Extras 420
Grain Forks 402
Grain or Pork Scales.....1119, 1121
Grain Riddles 475
Grain Scoops 458
Grain Scythes 420
Grain Seeders 442
Grain Sieves 475
Grain Testers 1108
Grape Fruit Knives 1666
Grape Shears 424
Grape Fruit Spoons .....
1683, 1686, 1689, 1693, 1697
Graphite—Lubricating 699
Grapple Hay Forks..... 440
Grapples—
Rafter 438
Timber 492
Grappling Peavies 492
Grass Catchers 430

G

PAGE

Grass Hooks 422
Grass Scythe Snaths 419
Grass Scythes 419
Grass Shears 427
Grate Hanger—Chafing Dish.... 1450
Graters—
Box 1459
Nutmeg 1459
Tin 1459
Grates—
Basket, Stove 1237
Duplex, Stove 1237
Extension Front, Stove... 1237
Gravy Bowls 1402
Gravy Ladles—
Silver Plated .....
1685, 1688, 1692, 1696, 1699
Sterling Silver 1700
Gravy Strainers 1456, 1476
Grease—
Axle 698
Carriage 698
Cup 1269
Gun 1855
Transmission 1269
Green Bone Cutters 426
Green—Paris 435
Greiths—Steak 1140
Griddles—Bailed .....
1440, 1486, 1488, 1490
Cake, Aluminum 1440
Cake, Cast Iron 1486
Handle.1440, 1486, 1488, 1490
Long 1440, 1486, 1488
Soapstone 1490
Grids—Folding 2154
Grills—Electric 1449
Grinder Attachments...275, 276, 1646
Grinders—
Chisel 181
Emery 278
Foot Power 278
Shearing Knife 1646
Sickle 273, 276
Tool 275
Utility 276
Grinder Heads 276
Grinding Guides 275
Grinding Machines 272, 274
Grindstone Arbors 271
Grindstone Fixtures 271
Grindstones—
Family 271
Kitchen 271
Loose 270
Mounted 269, 270
Grips—
Handle Bar 1960
Massage 2156
Rod 2062
Spoke Nipple 1966
Grist Mills 427
Grit Boxes 523
Grocers' Scales 1112, 1113
Grocers' Scoops 1417, 1481
Groover Trowels 247

G

PAGE

Groovers—
Cement Workers' 247
Tinners' Hand 2306
Tinners' Machine ...2282, 2284
Grooving Machines—Tinners' ...
2282, 2284
Grooving Planes 165
Ground Glue 1022
Grub Hoe Handles 55
Grub Hoes 50, 410
Grub Worms 2114
Guard Cloth—Bird Cage 1276
Guards—
Abdominal 2176
Catchers' Leg 2194
Door 843
Shin 2204
Trouser 1963
Guides—
Base Ball 2195
Basket Ball 2208
Casting 2067
Foot Ball 2202
Grinding 275
Indoor Base Ball 2208
Rod 2066, 2067
Saw Filers' 98
Snake 2066
Tie 2066, 2067
Gummed Labels 1559
Gummers—Saw 95
Gun Barrel Reflectors 1829
Gun Caps 1849
Gun Cases 1863
Gun Cleaners 1854
Gun Covers 1863
Gun Grease 1855
Gun Implements .....1853 to 1855
Gun Oil 1856
Gun Powder 1851
Gun Scratch Brushes 1854
Gun Sights 1828, 1829
Gun Stocks 1876
Gun Swabs 1854
Gun Wads 1849
Gun Wipers 1854
Guns—
Brush 1809
Game Getter 1818
Goose 1805
Pigeon .....1808 to 1810
Pop 1821
Shot, Autoloading 1806
Shot, Double Barrel.....
1801 to 1804
Shot, Lever Action 1810
Shot, Repeating...1807 to 1810
Shot, Single Barrel 1805
Trap .....1806 to 1809
Gut Leaders 2124
Gutter Hangers—Roof 2272
Gutter Tongs 2294
Gutter Tools 248
Gutter Trowels 248
Gutters—Roof 2272
Guy Rope 508
Gymnasium Shoes 2205

H

PAGE

Hack Saw Blades 88
Hack Saw Frames 78, 79
Hack Saws 78
Hafts—Awl 152
Hair Clippers 1644
Hair Curlers 1197
Hair—Plastering 1016
Hair Wire 2280
Half Claw Hatchets 23
Half Hatchets ....21 to 23, 25, 26
Half Oval Iron 2351
Half Oval Steel 2352
Half Round Files 283, 284
Half Round Iron 2351
Half Round Steel 2352
Half Round Wood Rasps..... 284
Half Soles 1129
Hall Stand Hooks 967
Halter Chains 513
Halter Leads 515
Halter Loops and Rings 676
Halter Squares 677
Halter Ties 648
Halters—
Colt 649
Cow 649
Horse 649
Leather 649
Neck 649
Pony 649
Rope 648
Web 649
Ham Boilers 1488
Ham Slicers 1669
Ham Stringers 1141
Ham Triers 1141
Hame Balls 660
Hame Bolts 676
Hame Clips 675
Hame Collar Harness ....609 to 611
Hame Fasteners 675
Hame Line Rings 676
Hame Loops 675
Hame Rivets 676
Hame Rollers 676
Hame Staples 675
Hame Starts 676
Hame Straps—Harness 644
Hame Tug Billets 642
Hame Tug Loops 681
Hame Tugs 641, 642
Hame Tugs and Hames..... 641
Hames—
Concord 659
Iron Gig 660
With Traces 638
Wood 659
Hammer Handles .....53 to 55
Hammer Head Points 45
Hammer Punches—Revolving ... 136
Hammer Straps 2383
Hammer Wedges 49
Hammers—
Ball Pein 36, 37
Blacksmiths' Hand 38, 46
Boiler Makers' Riveting.. 39
Brad 41
Bricklayers' 39
Bush 45

H

PAGE

Hammers—*Continued.*
Carriage Ironers' 38
Cast Iron 34
Cast Steel 45
Claw .....31 to 34
Coopers' 38, 46
Cross Pein 36, 37
Double Faced 38
Drilling 46
Driving, Farriers' 40
Engineers' 38
Farriers' 40
Fitting 40
Hand Blacksmiths' 38
Hand, Drilling 46
Horseshoers' 40
Ladies' Brad 41
Machinists' 36, 37
Magnetic Tack 41
Masons' 46
Nail .....31 to 34
Planishing 2305
Plow 38
Prospecting 39
Raising 2305
Riveting 35
Round Face 92
Rounding and Fitting..... 40
Saw Makers' 92
Set, Blacksmiths' 325
Setting 35
Shoemakers' 39
Spauling 46
Square Face 92
Steak 1139
Stone 46
Stone Masons' 46
Straight Pein 37, 38
Striking 46
Swage 92
Tack 41
Tinners' Riveting 35
Tinners' Setting 35
Turning 40
Turning and Fitting 40
Upholsterers' 41
Hammock Chains 2170
Hammock Frames 2170
Hammock Hooks 965, 2170
Hammock Ropes 2170
Hammock Supports 2170
Hammocks .....2164 to 2169
Hand Bastard Files 283
Hand Beaders 181
Hand Bellows 312
Hand Bells 520
Hand Blowers—Blacksmiths' ... 307
Hand Brushes 1181
Hand Cars 2011
Hand Carts 488, 489
Hand Cuffs 1874
Hand Drills 107, 108
Hand Drilling Hammers 46
Hand Groovers 2306
Hand Hack Saws 78
Hand Ice Saws 61
Hand Lamps—Electric 1968
Hand of Locks 752
Hand Parts—Leather 636

H

PAGE

Hand Protectors 1865
Hand Pumps—Bicycle 1972
Hand Rail Brackets 971
Hand Rail Screws 971
Hand Saw Files 284
Hand Saw Handles 91
Hand Saw Kits 77
Hand Saws .....70 to 75, 83
Hand Screws 155
Hand Shears—Tinners' 2303, 2304
Hand Sickle Grinders 276
Hand Sleds 2014
Hand Taps 322
Hand Tool Case—Carpenters'.... 215
Hand Tools—Blacksmiths' 325
Hand Vises 295
Handle Bar Grips—
Bicycle 1960
Motor Bike 1960
Handle Bar Stems—Bicycle 1961
Handle Bars—
Bicycle 1960
Motor Bike 1960
Handled Axes—
Boys' 16
Firemen's 19
Ice 19
Men's .....13 to 15
Handled Brad Awls 152
Handle Formers 2293
Handled Griddles ...1440, 1486, 1490
Handled Post Mauls 49
Handled Smooth Planes.157, 161, 173
Handled Wedges 49
Handles—
Adze, Carpenters' 56
Adze Eye Hammer....53, 54
Adze, Ship 56
Auger 154
Awl 152
Axe 53, 56, 57
Axe, Ship 56
Back Saw 91
Barley Fork 416, 417
Bench Hatchet 53, 54
Blacksmiths' Hammer..53, 54
Boiler 1483
Box, for Pit Saws..... 61
Boys' Axe 53, 57
Brad Awl 152
Brad Hammer 54
Breast, for Milk Cans.... 1470
Broad Axe 56
Bungalow Front Door....
804, 806, 808, 810
Butcher Saw 91
Cant Hook 492
Carpenters' Adze 53, 56
Chest 934
Chisel 153
Clamp 211
Coke Fork 417
Compass Saw 91
Coopers' Hammer 54
Cover, for Milk Cans..... 1470
Cross Cut Saw 90
Cultivator 490
D 417, 418
Drain Cleaner 459

H

PAGE

Handles—*Continued.*
- Drawer 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 801, 935
- Drifting Pick 56
- Double Bit Axe 53, 57
- Factory Door 838
- Farriers' Hammer 54
- File 153
- Fish Rod 2062
- Fish Spear 2130
- Flush Chest 934
- Flush Drawer 935
- Fore Plane 154
- Fork 416, 417
- Front Door and Lock..804, 806, 808, 810, 823 to 836
- Furniture 932
- Garden Hoe 416
- German Spade 418
- Grindstone 271
- Grub Hoe 55
- Hammer 53, 54
- Hand Saw 91
- Hatchet 53, 54
- Hay Fork 416
- Hazel Hoe 55
- Header Fork 416
- Hoe 55
- Hunter Hatchet 54
- Implement .....416 to 418
- Jack Plane 154
- Jointer Plane 154
- Landing Net 2141
- Lathing Hatchet 54
- Lifting 935
- Lumberman's Axe 53, 57
- Machinists', Hammer ..53, 54
- Malleable D 417
- Manure Fork 416, 417
- Manure Hook 416
- Maul 55
- Milk Can 1470
- Mop 1206
- One Man Saw 90
- Pad Saw 89
- Panel Saw 91
- Peavy 492
- Peg Awl 152
- Pick, Drifting 56
- Pick, Poll 56
- Pick, Railroad 53, 55
- Pike Pole 492
- Pit Saw 61
- Plane 154
- Planters' Hoe 410
- Plow 490
- Poll Pick 56
- Post Hole Digger..... 463
- Post Maul 55
- Railroad Pick 53, 55
- Rake 416
- Razor 1632
- Refrigerator 893
- Riveting Hammer 53, 54
- Rod, Fish 2062
- Round Eye Hammer..... 54
- Sad Iron 1194
- Saw 61, 90, 91

H

PAGE

Handles—*Continued.*
- Scoop 417, 418
- Screw Driver 154
- Self Measuring Faucet.... 1138
- Sewing Awl 152
- Shingling Hatchet 53, 54
- Ship Adze 56
- Ship Axe 56
- Single Bit Axe.....53, 57
- Shovel 417, 418
- Side, for Milk Cans..... 1470
- Sledge 53, 55
- Soldering Copper 153
- Spade 417, 418
- Spading Fork 417
- Spike Maul 53, 55
- Sprouting Hoe 410
- Stationary 936
- Stone Hammer 53, 55
- Store Door 837
- Supplementary Saw 90
- Surface, Chest 934
- Store Door and Latches... 836
- Store Door and Locks.... 823 to 836
- Tiling Spade 418
- Tiller 61
- Tool 153
- Vegetable Scoop Fork.... 417
- Wash Boiler 1483
- Window Brush 1189
- With Tools 150
- Wood Chopper Maul..... 55
- Wood D 417, 418

Handles and Latches 836

Handles and Locks—
- Bungalow..804, 806, 808, 810
- Residence .....823 to 826
- Store Door .....823 to 836

Hangers—
- Barn Door .....958 to 961
- Conductor 2276
- Chafing Dish Grate 1450
- Eaves Trough 2274
- Fire Door 961
- Garment 969
- Joist 964
- Parlor Door 956
- Roof Gutter 2272
- Sash 914, 915
- Screen 914, 915
- Skirt 969
- Sliding Door 956
- Storm Sash 914, 915
- Trouser 969
- Window Screen 914, 915

Handy Hand Saws 83

Handy Handle Hack Saws..... 78

Handy Strainers 1415

Hanging Hooks 436, 438

Hanging Lamps 1258, 1259

Hard Tire Cement 1975

Hardies—Blacksmiths' 325

Hardware Assortment—Miscella's 896

Hardware—Bungalow ....804 to 810

Hardware Boxes 1294

Hardware Chain 511

Hardware Shelving 1290

Hardware Store Fixtures.1288 to 1294

H

PAGE

Hardware Wire Cloth 474

Harmonicas 1705

Harness—
- Double Buggy 614, 615
- Double Farm .....619 to 623
- Double Wagon ....616 to 619
- Express .....611 to 614
- Farm Breeching ...620 to 623
- Farm Team 620, 621
- Frog 2098
- Head 2203
- Logging 626, 627
- Lumber Lead 626
- Pinery .....623 to 627
- Plow 619, 620
- Pony, Double 609
- Pony, Single 609
- Single Buggy ....601 to 608
- Single Delivery 611
- Single Express ....611 to 614
- Single Grocery 611
- Single Hame .....609 to 611
- Single Stallion 608
- Single Strap, Extra Large. 608
- Single Surrey 611
- Team Farm 620, 621

Harness Awls 151

Harness Buckles 678, 679

Harness Dees 677

Harness Dressing 698

Harness Hooks 970

Harness Loops—Twin 681

Harness Menders 1133

Harness Needles 1128

Harness Oil 698

Harness Rings 677

Harness Snaps .....671 to 673

Harness Soap 678

Harpoon Hay Forks 440

Harrow Disc Grinding Device.... 276

Harvester Section Grinding Device 276

Harvester Whips 691

Hasps—
- Barn Door and Latches... 840
- Box 894
- Hinge 899
- Safety 894, 904

Hasps, Hooks and Staples..... 900

Hasps and Staples..... 900

Hat and Coat Hooks.....966 to 968

Hatchet Axe 28

Hatchet Handles 53, 54

Hatchet Stakes 2296

Hatchet Wedges 49

Hatchets—
- Barreling 28
- Bench .....21 to 25
- Broad .....21 to 25
- Car Builders' 28
- Cast Iron 27
- Claw .....21 to 27
- Claw, Half 23
- Flooring 24
- Half .....21 to 23, 25, 26
- Hunters' 17, 1867
- Lathing ..... 21 to 23, 25, 26, 28 to 30
- Shingling .....21 to 28

H

PAGE

Hatchets—*Continued.*
Sportsman's 16, 17
Tobacco 423

Hats—
Hunting 1859
Miners' 2134
Sou'wester 2134
Sunshade 2132

Hawks—Plasterers' 246
Hay Carrier Track 436, 437
Hay Carriers 436, 437
Hay Fork Ferrules 418
Hay Fork Handles 416
Hay Fork Hooks 438
Hay Fork Pulleys 438, 439

Hay Forks—
Grapple 440
Harpoon 440
Long Handle 401, 405

Hay Knives 423
Hay Rack Brackets and Clamps.. 441
Hay Racks 699
Hay Rack Loops 441
Hay Rake Handles 416
Hay Rakes 413
Hay Scales 1122
Hay Slings 440
Hay Tools .....436 to 441
Hazel Hoe Handles..... 55
Hazel Hoes 50
Head Harness 2203
Head Helmets 2203
Head Lamps 1890, 2155
Head Lights 1890, 2155
Head Nets 2132
Header Fork Handles..... 416
Headers—Rivet 2305
Heading Knives 146
Heading Tools—Blacksmiths' ... 326

Heads—
Clamp 156
Cylinder 1231
For Double Seaming Stakes 2296
For Tea Kettle Stakes.... 2296
Grinder 276
Horse Clipping Machine.. 1646
Malleable D 418
Sheep Shearing Machine.. 1648
Sprinkler 1484
Whitewash 1187

Heart Shaped Hoes..... 409
Heater Coal—Carriage 700

Heaters—
Air Tight 1247
Automobile 700
Carriage 700
Hot Blast 1247, 1248
Oak 1249
Oil 1245, 1246
Sad Iron 1194
Tank 522

Heating Stoves—
Air Tight 1247
Coal and Wood...1247 to 1249
Oak 1249
Oil 1245, 1246

Hedge Shears 424
Hedge Trimmers 424

H

PAGE

Heel Chain D's 678
Heel Chains 511
Heel Plates—Shoe ...494, 1131, 2194
Heel Stiffeners 1131

Heels—
Leather 1129
Rubber 1130

Helmets—Head 2194
Hemlock Squares 1129
Hemp Twine 1127
Hens' Nests 523
Hermaphrodite Calipers 234
Hexagon Nuts 2367, 2368
Hinge Assortments 891
Hinge Hasps 899, 900
Hinge Nails 1006, 1008
Hinge Plates 805, 807, 809

Hinges—
Back Flap 887
Blind 902
Box 888
Brass 888
Checking Floor 906
Chest 887
Corrugated 898
Double Acting Spring.903, 904
Flap 887
Floor Spring .....904 to 906
Garage 899
Gate 902
Gem Spring 903
Hook and Eye..... 899
Hook and Strap..... 899
Hasp 899, 900
Ornamental .....889 to 891
Pew Door 887
Refrigerator 890, 892
Screen Door 907, 908
Screw Hook and Eye..... 899
Screw Hook and Strap.... 899
Show Case 907
Single Acting, Spring..... 903
Spring .....903 to 908
Strap 888, 889
Strap and T.....897 to 899
Surface Floor 905, 906
T .....897 to 899
Table 887
Wrought Steel 887

Hip Baths 1437
Hip Boots 2135
Hip Breeching 639
Hip Covering 2259
Hip Finials 2258, 2260, 2261
Hip Shingles 2258
Hip Tile 2261
Hitch Straps 648
Hitches—Rope 438
Hitching Posts 699
Hitching Rings 901
Hitching Weight Chains 513
Hitching Weights 699
Hob Nails 999
Hockey Caps 2006
Hockey Ice Skates 2001, 2002
Hockey Pucks 2005
Hockey Skating Shoes 2005
Hockey Sticks 2005

H

PAGE

Hods—
Brick 488
Coal 1234
Mortar 488

Hoe Brackets 426
Hoe Ferrules 418
Hoe Handles 55, 410, 416

Hoes—
Baby Warren 414
Beet Thinning 412
Boys' 408
Field 408, 409
Garden 408
Grub 50, 410
Hazel 50
Heart Shaped 409
Ladies' 408
Mortar 409
Nursery 409
Onion 409
Planters' 410
Scuffle 415
Shank 408, 409
Shank 408, 409
Socket 408, 409
Sprouting 410
Sugar Beet 412
Warren 409
Weeding 409

Hods—Coal 1234
Hog Catchers 517
Hog Fencing 470
Hog Holders 517
Hog Nose Cutters 517
Hog Ringers 516
Hog Rings 516
Hog Scrapers 1141
Hog Tamers 517
Hog Tongs 517
Hoisting Blocks .....
497, 498, 500, 501, 503
Hoisting Block Sheaves 497, 498
Hoisting Chain 512
Hoisting Rope 508
Hoisting Singletrees 2382
Hoists—Banana 499
Holder Checks 911

Holders—
Bit 106
Broom 1190
Brush and Mop..... 1206
Christmas Tree 1217
Combination Glass and Soap 1173
Combination Tooth Brush and Glass 1173
Door 917
Extension Bit 106
File 285
Fish 2131
Glass 1173
Hog 517
Hose 432
Label Pulls and..... 933
Match 1176, 1445
Mop and Brush..... 1206
Paper 1126
Pencil 221, 1566
Rein 636

H

PAGE

Holders—*Continued.*
- Rod 2064
- Shear 2297
- Shoe 1132
- Soap 1223
- Sponge 1174
- Tap and Die 320
- Toilet Paper 1176
- Tool 216
- Toothpick 1445
- Tooth Brush 1174
- Tumbler, Wire 1223
- Twine 1128
- Whisk Broom 1175

Hollow Mandrel Stakes 2296
Hollow Punches 2306
Hollow Ware—Stove ....1485 to 1489
Hollowing Knives 146
Hollows and Rounds.....168, 176
Holster Belts 1859
Holsters—Revolver 1864

Home Plates—
- Base Ball 2195
- Indoor Base Ball..... 2208

Hones—Razor 1640
Hoods—Cloth 665
Hoof Cleaners 262
Hoof Nippers 262
Hoof Parers 262
Hook and Eye Hinges 899
Hook and Pike—Pike Pole..... 492
Hook and Strap Hinges..... 899
Hook Clevises 2388
Hook Huskers 444
Hook Rules 222
Hook Sash Lifts 940
Hookaroon Picks 492

Hooks—
- Awning 984
- Baggage..... 970
- Beam 1141
- Belt 2377
- Bird Cage 974
- Bench 154
- Bolt 680
- Box 43
- Brass and Eyes..... 984
- Brush 424
- Bush 424
- Button Check..... 680
- Cabin Door..... 984
- Cant 491, 492
- Ceiling..... 966
- Chain 495
- Chandelier 968
- Clothes Line 952
- Coat and Hat.....966 to 968
- Conductor 2276
- Corn 422
- Cornerbind 495
- Cornice and Eyes..... 984
- Cup 984
- Double Fish 2096
- Drapery Pin 1179
- Evener Swivel 495
- Everlasting Fish 2095
- Ferrules and 2382
- Finger, Fish Rod..... 2063

PAGE

Hooks—*Continued.*
- Fire Pail 970
- Fish .....2088 to 2096
- Flashing 2276
- Floor 438
- Gaff 2131
- Gate, Bright Wire and Eyes 984
- Gate, Safety 900
- Grab 495
- Grass 422
- Hall Stand 967
- Hammock 965, 2131
- Hanging 436, 438
- Harness 970
- Hasps and Staples..... 900
- Hat and Coat.....966 to 968
- Hay Carrier Track..... 438
- Hay Fork 438
- Hinged Conductor 2276
- Hotel 966
- Husking 444
- Key Ring 1704
- Kitchen 984
- Landing 491
- Loading 492
- Loop Bolt 680
- Manure 407
- Meat 1141
- Moulding 1177
- Peavy 492
- Picture 1177
- Pike Pole Pike and..... 492
- Pork Rind 2170
- Potato 407
- Pruning 83
- Ringed Fish .....2088 to 2094
- Robe 1174
- S 495
- Safety 495
- Safety Gate 900
- Sash Pull 942
- School House 966
- Screw, Brass Wire 984
- Screw, Bright Wire ..985, 986
- Screw, Wrought Steel ... 965
- Seat Spring 2384, 2386
- Selecting 1141
- Snelled Fish .....2088 to 2094
- Steel 970
- Swamp 492
- Sweat Pad 684
- Tandem 2098
- Tape 211
- Thumb Tacks and..... 1177
- Treble, Fish 2096, 2109
- Wall 1177
- Weeding 414
- Weedless, Fish 2095
- Weedless, Tandem 2098
- Whiffletree 2384, 2386

Hooks and Dees—Pinery..... 678

Hooks and Eyes—
- Brass 984
- Cornice 984
- Gate, Bright Wire 984
- Gate, Safety 900
- Wrought Steel 984

PAGE

Hooks and Staples—
- Round Wire 900
- Wrought 900

Hooks, Hasps and Staples..... 900
Hoop Brass 2278
Hoop Drivers 147
Hoop Fasteners 2370
Hoop Knives 146
Hoop Nails 1008
Hoop Nets 2143
Hoop Staples 1000
Hoop Steel 2354
Hoops—Tub 1213

Hoppers—
- Poultry Dry Mash..... 523
- Poultry Dry Food..... 523

Horizontal Rim Dead Locks..... 757
Horizontal Rim Knob Locks..... 758
Horns—Dinner 1434
Horse Blankets 666
Horse Brushes 694, 695
Horse Car Bells 697
Horse Cards 694
Horse Clippers 1644
Horse Clipping Machines ..1645, 1646
Horse Collars .....650 to 654
Horse Covers 668
Horse Halters 649
Horse Pails 1213
Horse Rasps 285
Horse Shoe Iron 2351
Horse Shoe Magnets 238
Horse Shoe Nails 2380
Horse Shoers' Anvils 303
Horse Shoers' Forges 305
Horse Shoers' Turning Sledges.. 47
Horse Shoers' Vises 303
Horse Shoes 2379
Horse Tail Ties 684
Horse Tooth Files 285
Horse Tooth Rasps 285
Hose Bands 432
Hose Bibbs 1136
Hose Clamps 432
Hose Connections 432
Hose Couplings—
- Bicycle Pump 1973
- Garden 431

Hose—
- Garden 431
- Reel 431

Hose Holders 432
Hose Menders 432
Hose Nozzles 432
Hose Pliers 432
Hose Reels 431
Hose Washers 432
Hose Wire Pliers 432
Hose Wires 432
Hot Air Registers .....1010 to 1014
Hot Blast Heaters 1247, 1248
Hot Chisels—Blacksmiths' 325
Hot House Pulleys 949
Hotel Hooks 966
Hotel Trays 1435
Hotel Trucks 480
Hotel Ware 1472, 1473
House Bells 697
House Brooms 1190

H

PAGE

House Mail Boxes 953
House Movers' Jack Screws..... 504
House Numbers 955
Housings—
Breast Collar 657
Coach 657, 658
Collar 657
Express 658
Gig 657, 658
Neck 657
Hubs—
Front Bicycle 1962
Rear Bicycle 1962
Hullers—Strawberry 1146
Hungarian Nails 999
Hunters' Caps 1859
Hunters' Clothing .....1857 to 1859
Hunters' Coats 1857, 1858
Hunters' Hatchets 17
Hunters' Hatchet Handles..... 54
Hunters' Hats 1859
Hunters' Jackets 1858
Hunters' Shirts 1858
Hunting Axes 1867
Hunting Boats 2148
Hunting Boots 1860, 2135
Hunting Caps 1859
Hunting Coats 1857, 1858
Hunting Hats 1859
Hunting Hatchets 1867
Hunting Knives 1621, 1626
Hunting Pants 1858
Hunting Shirts 1858
Hunting Vests 1858
Huskers—Corn .....443 to 445
Husking Gloves 445
Husking Hooks 444
Husking Mitts 445
Husking Pins 443

I

I-Beam Travelers 502
Ice Axes 19
Ice Balances 1106
Ice Box Fasteners 894
Ice Boxes .....1148 to 1163
Ice Chests 1152
Ice Chippers 1170
Ice Chisels 1170
Ice Cream Dishers..... 1169
Ice Cream Forks 1695
Ice Cream Freezers.....1167 to 1169
Ice Cream Servers...1692, 1696, 1699
Ice Creepers 2003
Ice Picks 1170
Ice Saws 61
Ice Scales 1106
Ice Shaves 1170
Ice Skates—
Extension Bob 2003
Ladies' 2002
Men's 2001, 2002
Women's 2002
Ice Skate Parts 2003
Ice Tea Spoons 1694
Ice Tongs 1170

I

PAGE

Illustrations—
Blank Book Ruling..... 1551
Pocket Knife Blades..... 1601
Imperial Stove Hollow Ware..... 1485
Implement Brackets 426
Implement Handles .....416 to 418
Implements—
Cleaning 1854, 1855
Gun .....1853 to 1855
Loading 1853, 1854
Imprint Rollers—Cement Workers' 249
Improved Bevels 228
Incased Screw Pulleys 949
Incased Swivel Pulleys 949
Indexes—Loose Leaf Ledger..... 1552
Inclinometer Levels 199, 200
Incubating Thermometers 1196
Indian Clubs 2156
Indicators—
Speed 238
Test 231
Umpire 2195
Individual Butter Knives 1684
Individual Butter Spreaders ....
1679, 1690, 1694, 1698
Individual Salad Forks .....
1684, 1691, 1695, 1699
Indoor Base Ball Guide 2208
Indoor Base Balls 2208
Indoor Bases 2208
Indoor Bats 2208
Indoor Body Protectors 2208
Indoor Home Plates 2208
Indoor Shoes 2205
Indurated Fibre Pails 1213
Infants' Baths 1432, 1437
Inflators 2199
Ingersoll Watches 1706
Ink—
Combined Writing and Copying 1561
Copying 1561
Fountain Pen 1561
Red 1562
Rubber Stamp 1562
Stencil 1134
Writing 1561, 1562
Ink Erasers 1568
Ink Stands 1557
Inner Tubes—Bicycle Tire 1957
Insects—Rubber 2115
Inserts—Wrench 288
Inside Calipers 220, 233, 234
Inside Door Latch Sets .....
766, 778, 787, 794
Inside Door Lock Sets—
Rim 760
Mortise—
Arcadian Design 765
Arles Design 767
Bungalow 805, 807, 809
Carson Design 803
Carvell Design 769
Charlton Design....772, 802
Douglas Design ...775, 802
Florian Design 776
Guros Design 778
Hellas Design 780
Latten Design 805

I

PAGE

Inside Door Lock Sets—*Continued.*
Mortise—
Lydian Design 783
Magnolia Design 784
Messa Design 807
Octagon Design 803
Plain Design 786, 787
Regent Design 790
Revere Design 791
Sterling Design .....
794, 795, 797
Warwick Design 798
Wellington Design 801
Yolo Design 809
Inside Micrometers 226
Instruments—
Leveling 241
Surveying .....239 to 241
Insulated Wire 877
Insulated Paper 1016
Interfering Boots 660
Invoice Books 1554
Interchangeable Bass Flies..... 2119
Iron—
Angle 2353
Band 2351
Bar, American 2351
Bar, Norway 2355
Channel 2353
Flat 2351
Half Oval 2351
Half Round 2351
Hoop 2354
Horse Shoe 2351
Malleable .....2385 to 2388
Nail Rod 2355
Norway 2355
Oval 2351
Planished 2254
Round 2351
Sheet, Common 2253, 2254
Sheet, Corrugated..... 2255
Sheet, Galvanized..... 2254
Sheet, Planished 2254
Sheet, Refined Smooth.... 2254
Spike Rod 2355
Square 2351
T 2353
Wagon Box 2353
Wellsville Polished 2254
Woods' Planished 2254
Iron and Steel Cut Nails..... 1008
Iron Belt Rivets and Burs..... 2374
Iron Clamp Heads 156
Iron Cutters 313
Iron Enamel 1241
Iron Levels 199, 200
Iron Measures 448
Iron Planes—Adjustable .....
157, 159, 160, 163 to 168, 173
Iron Rivets 2372
Iron Screws—Bright..... 992
Iron Set Screws 2367
Iron Spoke Shaves 148
Iron Squares 190
Iron Washers—
Cast 2369
Malleable 2369
Iron Workers' Forges 306

I

PAGE

Ironed Neckyokes 2381
Ironed Plow Singletrees 2381
Ironed Wagon Eveners ...2381, 2382
Ironed Wagon Whiffletrees 2381
Ironing Boards 1203
Ironing Boards and Stands 1203
Irons—
Asbestos Lined Sad 1192
Block Plane 177
Cattle Tie 674
Charcoal Sad 1194
Corner 2384, 2385
Curling 1197
Electric 1193
Express Stake 2385
Family Charcoal 1194
Flounce 1192
Gasoline 1193
Household 1193
Lace 1192
Laundry 1192
Leg 1874
Neckyoke 2383
Nib 419
Pinking 1197
Plane 177
Plow Plane 177
Polishing 1193
Pressing 1194
Rabbet Plane 177
Rosette 1489
Rub 2384
Sad .....1192 to 1194
Sash Cord 946
Scraper Plane 177
Scrub Plane 177
Seat 2385
Sleeve 1192
Spoke Shave 147, 148
Stake 2385
Stanchion 516
Tailors' Charcoal 1194
Tailors' Geese 1194
Timbale 1489
Tooth Plane 177
Tourist Sad 1192
Toy Sad 1194
Tuyere 307
Waffle 1489
Wagon Stake 2385
Waving 1197
Wear 2386
Whiffletree 2382
Ivory Rules 202

J

Jack Boards 189
Jack Chain 510
Jack Planes 157, 161, 173, 174
Jack Rabbet Planes 175
Jack Screws—
House Movers' 504
Locomotive 504
Machinists' 230
Jacket Cans 1267

J

PAGE

Jackets—
Double 2134
Frock or Pea 2134
Hunters' 1858
Oiled 2134
Shooting 1858
Jacks—
Automobile 504, 505
Lifting .....504 to 506
Lowering 506
Tire Saving 505
Track or Trip 506
Wagon 505
Japanese Bamboo Poles 2051
Japanned Bird Cages 1275
Japanned Ware .....1433 to 1438
Japanned Wood Screws 993
Jars—Slop, Galvanized 1437
Jaws—
Elgin Wrench 288
Pipe Wrench 293, 294
Jelly Cake Pans .....1414, 1424, 1442 to 1444, 1457, 1480
Jelly Moulds 1444
Jelly Presses 1146
Jelly Strainers 1476
Jenny Smooth Planes 161
Jersey Vises 296
Jewelers' Drill Sets 126
Jewelers' Screw Drivers 237
Jigs—Doweling 182
Jobbers' Drill Sets 126
Jobs—Odd 185
Jointed Chain—Double 510
Jointer Gauges 182
Jointer Planes 161, 173, 174
Jointer Trowels 247
Jointers—
Cement Workers' 247
Saw 96
Joints—
Rod 2063
Roof 1238
T 1230
Taper 1230
Joist Hangers 964
Juice Extractors—Meat 1146
Jump Traps 1227
Junior Tool Chests 212
Junior Gasoline Stoves 1252
Juvenile Bicycles 1954
Juvenile Lawn Swings 2162
Juvenile Suit Cases 2026

K

Kalsomine Brushes 1186
Keg Staples 1000
Kerosene 1269
Kettle Covers 1406, 1443
Kettle Ears 1484
Kettle Knobs 1482
Kettles—
Aluminum 1440
Berlin—
Aluminum 1440, 1441
Polar Blue and White.. 1406
Royal Enameled 1411
Porcelain, White and W. 1401

K

PAGE

Kettles—*Continued.*
Caldron 521
Camp, Galvanized 1432
Convex, Royal Enameled.. 1411
Egg, Hotel 1472
Farmers' 521
Glue 1022
Maslin 1422, 1486
Milk, Garnet Enameled... 1421
Milk, Pieced Tin 1465
Milk, Polar Blue & White 1406
Milk, Royal Enameled ... 1417
Perfection 1428
Preserving—
Aluminum 1440, 1441
Cast Iron 1485
Garnet Enameled 1421
Nesco, Wrought Steel.. 1485
New Idea 1485
Polar Blue and White.. 1405
Porcelain White and W. 1401
Royal Enameled 1411
Stamped Tin 1474
Range, Tea 1451
Sponge, Hotel 1472
Stove, Cast Iron ..1485 to 1488
Sugar 521
Tea, Aluminum 1439, 1441
Tea, Cast Iron....1485 to 1488
Tea, Garnet Enameled ... 1421
Tea, Nickel Plated 1451
Tea, Polar Blue and White 1405
Tea, Porcelain White and White 1401
Tea, Royal Enameled.... 1409, 1410
Key Assortments .....815 to 817
Key Blank Assortments 816
Key Blanks—
Cylinder 820, 821
Mortise Door 818
Padlock 872
Rim Door 819
Store Door 819
Key Chains 1704
Key Rings 1704
Key Seat Clamps 223
Key Seat Rules 223
Keyhole Pad Saw Blades 89
Keyhole Saw Blades 89
Keyhole Saws 76
Keyhole Saws and Pads 76
Keys—
Assortments .....815 to 817
Bag 871
Blank, Malleable 816, 818, 819
Blank, Padlock 872
Blank, Steel .....818 to 821
Blank, Steel, Folding 819
Cabinet 871
Chest 870
Cupboard 871
Cylinder 820, 821
Door .....815 to 821
Mortise 815
Padlock 872
Rim 817
Sill Cock 431

K

PAGE

Keys—*Continued.*
- Skate 2004
- Till 871
- Trunk 870

Killers—
- Fly 435, 1220
- Germ and Fly 1101

Kindergarten Scissors 1655
Kits—Hand Saw 77
Kit Pipe Vises 301
Kitchen Cabinets 1164, 1165
Kitchen Forks 1666
Kitchen Hooks 984
Kitchen Knives 1667
Kitchen Saw Blades 89
Kitchen Saws 81
Kitchen Sets 1481, 1668
Kitchen Side Lamps 1258
Kitchen Spoons 1481
Kitchen Stones—Mounted 267
Kits—
- Automobile 219
- Cobbler 1132
- Combination Pipe 322
- Tool 219, 1626

Knee Cap Bandages 2176
Knee Pads 2204
Knife Assortments—Kitchen 1667
Knife Bastard Files 283
Knife Boxes 1214
Knife Grinders—Shearing 1646
Knife Handle Wrenches 286
Knife Purses 1629
Knife Sets 1668
Knife Sharpeners—
- Carborundum 1678
- Floor Scraper 180

Knife Trays 1214
Knives—
- Adjustable Drawing 145
- Asparagus 415
- Backing 146
- Banana 1666
- Band 423
- Beet Topping 412
- Boning 1670, 1671
- Border 415
- Bread 1668
- Butcher .....1670 to 1672
- Butter, Silver Plated..... 1679, 1682, 1684, 1687, 1688, 1690, 1694, 1698
- Butter, Sterling Silver.... 1700
- Camp Carver 1669
- Camping, and Forks.1626, 2131
- Canoe 2131
- Carpenters' Drawing 145
- Carriage Makers' Drawing. 145
- Carving and Forks..1674, 1676
- Carving, Forks and Steel. 1673 to 1676
- Champer 146
- Cheese 1666
- Children's, and Forks.... 1665
- Chopping 1139
- Coach Makers' Drawing... 145
- Cooks' 1668
- Coopers' Drawing 146
- Corn 422, 1611, 1628, 1661

K

PAGE

Knives—*Continued.*
- Cuticle 1661
- Deer Foot Hunting 1626
- Dessert, and Forks..1665, 1689
- Drawing 145, 146
- Electricians' 1621
- Farriers' 324
- Fish 2131
- Fishermen's 2131
- Floor Scraper 180
- Folding Drawing 145
- French Cooks' 1668
- Fruit ..1679, 1690, 1694, 1698
- Grape Fruit 1666
- Ham Slicers 1669
- Hay 483
- Heading 146
- Hollowing 146
- Hoop 146
- Hunting 1621, 1626, 1868
- Individual Butter 1679, 1684, 1690, 1694, 1698
- Kitchen 1667
- Lunch 1669
- Mincing 1139
- Nickel Silver, and Forks.. 1681, 1682
- Office 1611, 1619, 1628
- One Arm Man's..... 1666
- Orange 1691
- Oyster 1666
- Pallet 1669
- Paring 1667
- Pearl Handle 1679
- Plated 1679
- Pocket .....1601 to 1629
- Pruning 1601, 1621
- Push Button 1626
- Putty 1662
- Ribbing 1671
- Royal Slicers 1669
- Scraping 1662
- Scroll Drawing 145
- Shingle 146
- Shoe 1662
- Silver Plated..1679, 1680, 1683, 1686, 1689, 1693, 1697
- Silver Plated, and Forks.. 1679 to 1681, 1683, 1686, 1689, 1693, 1697
- Slicers 1669
- Sloyd 1626
- Skinning 1670, 1671
- Spatulas 1669
- Splitting 1672
- Stave 146
- Steak 1670
- Sticking 1670, 1671
- Table, and Forks..1663 to 1665
- Table Only 1665
- Tinned, and Forks..... 1682
- Tool 1621, 1626
- Tool Kit, Pocket..... 1626
- Wagon Makers' Drawing.. 145
- Wood Carvers 1626

Knives and Forks—
- Camping 1626, 2131
- Carving .....1673 to 1676
- Children's 1701

K

PAGE

Knives and Forks—*Continued.*
- Dessert 1665, 1680, 1681, 1689, 1693, 1697
- Nickel Silver 1681, 1682
- One Arm Man's 1666
- Pearl Handle 1679
- Silver Plated.1679 to 1681, 1683, 1686, 1689, 1693, 1697
- Table .....1663 to 1665
- Tinned 1682

Knob Latches—
- Mortise 761
- Rim 756

Knob Locks—
- Horizontal Rim 758
- Mortise .....762 to 764
- Upright Rim .....758 to 760

Knob Roses 812
Knob Screws 813
Knob Spindles 813
Knob Washers 813
Knobs—
- Base 917
- Cover 1482
- Door .....811 to 813
- Furniture 936
- Glass Door 811, 812
- Glass Furniture 936
- Kettle 1482
- Mortise 812, 813
- Rim 813
- Shutter 936
- Tea Pot 1482

Knockers—Door 805, 807, 809
Kraut Cutters 1218

L

Label Holders 933
Label Holders and Pulls..... 933
Labels—Gummed 1559
Lace Cutters 2378
Lace Leather 2378
Lace Sad Irons 1192
Lace—Leather 2208
Lacing—
- Belt 2378
- Steel Belt 2379
- Wire Belt 2378

Lacing Needles 2208
Lacing Twine—Tire 1958
Ladder Chain 510
Ladders—
- Extension 1284
- Long 1284
- Rolling Shelf 1284
- Step 1283
- Store 1284

Ladies' Bicycles 1952
Ladies' Hoes 408
Ladies' Ice Skates 2002
Ladies' Oxford Bags 2024
Ladies' Roller Skates 2007, 2008
Ladies' Scissors 1653
Ladies' Skating Shoes 2005
Ladles—
- Aluminum 1440, 1443
- Butter 1216

L

PAGE

Ladles—*Continued*
- Cream, Silver Plated..... 1685, 1688, 1692, 1696, 1699
- Cream, Stamped Tin..... 1476
- Deep, Royal Enameled.... 1415
- Deep, Stamped Tin..... 1476
- Gravy, Silver Plated..... 1685, 1688, 1692, 1696, 1699
- Gravy, Sterling Silver.... 1700
- Hotel 1473
- Long Handle 1440
- Melting 2307
- Pierced 1407, 1425, 1476
- Solid 1425, 1476
- Soup, Aluminum 1443
- Soup, Garnet Enameled... 1425
- Soup, Polar Blue and White 1407
- Soup, Porcelain White and White 1403
- Soup, Silver Plated..... 1685, 1688, 1692, 1696, 1699
- Tom and Jerry..... 1440

Lag Screws 2362
Lamp Brackets 1260, 1967, 1968
Lamp Burners 1260, 1261
Lamp Chimneys 1263
Lamp Founts 1260
Lamp Globes—
- Hanging 1263
- Street 1263

Lamp Repair Outfit 2155
Lamp Reflectors 1260, 2155
Lamp Stove Wicks 1261
Lamp Stoves 1243
Lamp Wicks 1261
Lamps—
- Bicycle 1967, 1968
- Bracket 1258
- Campers' 1890, 2155
- Dash Board 1256, 1257
- Driving 1256, 1257
- Electric Hand 878, 1968
- Hanging 1258, 1259
- Head 1890, 2155
- Kitchen Side 1258
- Mammoth 1258
- Miners' 1890, 2155
- Search Light 1258
- Side 1257
- Square 1259
- Street 1259

Landing Hooks 491
Landing Net Frames 2140
Landing Net Handles 2141
Landing Nets 2141, 2142
Lantern Brackets 1257
Lantern Burners 1261
Lantern Chisels 2306
Lantern Globes 1264
Lantern Lens 1257
Lantern Wicks 1261
Lanterns—
- Cadet 1256
- Cold Blast 1255
- Dash 1256
- Police 1259
- Railroad 1256
- Tubular 1255, 1256

L

PAGE

Lap Dusters 665
Lap Lasts 1132
Lap Robes 669
Lard Presses 1145
Larding Needles 1128
Large Clamp Vises..... 295
Lariat Swivels 2387
Lashes—Whip 691
Lasts—
- Combination 1132
- Lap 1132
- Shoe 1132

Lasts and Stands—Shoe..... 1132
Latch Assortments—Night 753
Latch Sets—
- Cylinder Vestibule Door.. 766, 768, 771, 774, 777, 780, 782, 785, 789, 793, 800
- Inside Door.766, 778, 787, 794

Latches—
- Barn Door 840, 841
- Barn Door Hasps and.... 840
- Cupboard 929
- Gate 756, 902
- Mortise Knob 761
- Mortise Night 761
- Mortise Screen Door..... 930
- Refrigerator 893
- Rim Knob 756
- Rim Night .....753 to 756
- Rim Gate 756
- Screen Door 930
- Secret Gate 756
- Store Door Handles and.. 836
- Thumb 838, 839
- Vestibule, in Sets....766, 768, 771, 772, 774, 777, 780, 782, 785, 789, 793, 800

Latches and Handles—Store Door 836
Lath—Expanded Metal 2262
Lath Yarn 507
Lather Brushes 1641, 1642
Lathes and Scroll Saws.. 82
Lathing Hatchets 21, 22, 23, 25, 26, 28, 29, 30
Lathing Hatchet Handles..... 54
Laundry Baskets 450
Laundry Dippers 1428, 1476
Laundry Irons 1192
Laundry Stoves 1249
Lavo—Sweeping 1190
Lawn Border 469
Lawn Chairs 2160
Lawn Fencing 472
Lawn Mowers 428, 429, 430
Lawn Rakes 413
Lawn Rockers 2160
Lawn Settees 2159
Lawn Shears 427
Lawn Sprinklers 433
Lawn Swings 2162, 2163
Lawn Trimmers 427
Lazy Straps 643
Lead—
- Bar 2277
- Black 1242
- Pig 2277
- Pipe 526

L

PAGE

Leads—
- Dog 1874
- Halter 515

Lead Mining Picks 51
Lead Pencil Assortments 1564
Lead Pencils 1563, 1564
Lead Pipe 526
Lead Washers 2255
Leader Boxes 2123
Leaders—
- Cattle 519
- Gut 2124
- Wire 2124

Leather Binding—Ski 2006
Leather Cabinets—Sole 1130
Leather Cement 1131
Leather Check Ends 630
Leather Gun Cases 1863
Leather Halters 649
Leather Lace 2208
Leather—
- Lace 2378, 2208
- Sole 1129, 1130

Leather Skate Straps 2004
Leather Strips 1130
Leather Top Rubbers 1860
Leather Washers 2380
Leathers—
- Oar 2149
- Plunger 525
- Pump 525
- Valve 525

Ledgers—Loose Leaf 1552
Leg Bands—Poultry 523
Leg Guards—Catchers' 2194
Leg Irons 1874
Leggings 1859
Lemon Cake Pans 1478
Lemon Squeezers 1171
Lens—Lantern 1257
Letter Box Plates 954, 955
Letter Copying Books 1554
Letter Files—Box 1557
Letter Presses 1558
Lettered Plates 1478
Letters and Figures—
- Brass 1134
- Milk Can 1470
- Steel 1134
- Stencil 1134

Level Glasses 201
Level Sights 201
Leveling Instruments 241
Leveling Rods 241
Levels—
- Adjustable 197, 198
- Architects' 239, 240
- Bit and Square 201
- Builders' 241
- Carpenters'.196, 197, 198, 199
- Combination 199
- Cross Test 238
- Drainage 240
- Dumpy 240
- Farm 241
- Inclinometer 199, 200
- Iron 200
- Line 201
- Machinists' 198, 199, 200

L

PAGE

Levels—*Continued.*
- Masons' 198, 199
- Plumbs and 196, 197, 198, 199, 200
- Pocket 201
- Square and Bit.... 201

Lever Action Shot Guns.... 1810
Lever Punch 2287
Lever Shear and Punch.... 2282
Library Sets 1657
Life Preserver Pillow.... 2148
Lifters—
- Fence Wire 467
- Moulders', Bench 251, 253
- Stove Cover 1236
- Transom 943

Lifting Handles 935
Lifting Jacks 504, 505, 506
Lifts—
- Sash...767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 799, 801, 940, 941
- Top, Shoe 1129

Lightning Braces 111
Lights—
- Flash...878, 879, 1969 to 1971
- Head 2155
- Pistol Flash 1971
- Search 1258

Lime Shovels 456
Line Cleats 965
Line Dressing—Fish 2074
Line Levels 201
Line Releaser—Fish 2074
Line Spreader Terrets 682
Linemen's Clamps or Connectors. 263
Linemen's Climber Straps 263
Linemen's Climbers 263
Linemen's Pliers 259
Lines—
- Braided 195
- Chalk 195
- Clothes 1205
- Double Driving 635
- Double Team 635
- Fishing ....2075 to 2087
- Furnished 2086, 2087
- Masons' 195
- Metallic 209
- Singe Buggy 635
- Single Express 635
- Tape ....209 to 211
- Trot 2140

Lining Bars—Railroad 52
Lining—Carpet 1016
Lining Nails 1005
Linoleum Binding 1229
Links—
- Bicycle Chain Repair.... 1963
- Connecting 2128
- Milk Can 1470
- Open 495
- Plow 2388
- Repair 495

Linseed Oil Soap.... 1269
Lip Bits 129
Lipped Kettles 1440
Liquid Iron Enamel 1241
Liquid Glue 1022

L

PAGE

Liquid Glue Assortments 1022
Liquid Pistols 1827
Liquid Veneer 1240
Liquid Measures 1428, 1459
Lists—File Classification 280
Live Fish Nets 2142
Live Frog Harness 2098
Load Binders 493
Loaded Shells ....1841 to 1846
Loaders—
- Brass Shot Shell.... 1853
- Paper Shot Shell.... 1853

Loading Block Sheaves 499
Loading Blocks 1853
Loading Chain 512
Loading Hooks 492
Loading Implements 1853, 1854
Loading Sets 1853
Lock Joint Calipers.... 235
Lock Springs 814
Lock Strikes 814
Lock Washers 2376
Locker Locks 866
Locks and Handles—
- Bungalow..804, 806, 808, 810
- Front Door ....823 to 826
- Residence ....823 to 826
- Store Door ....823 to 836

Locks—
- Barn Door 841
- Cabinet ....858 to 868
- Chest ....858 to 860
- Cupboard 864, 867
- Dead, Mortise 762
- Dead, Rim 757, 758
- Desk 861
- Drawer ....862 to 864
- Front Door 764
- Garage Door 841
- Hand of Locks.... 752
- Locker 866
- Mortise Dead 762
- Mortise Knob ....762 to 764
- Mortise Store Door.... 764
- Oar 2150
- Pad ....844 to 856F
- Piano 861
- Refrigerator 893
- Rim Dead 757, 758
- Rim Knob ....758 to 760
- Rim Store Door, Dead.... 757, 758
- Row 2150
- Sash 938, 939
- Sliding Stable Door.... 841
- Store Door, Mortise.... 764
- Store Door, Rim....757, 758
- Till ....862 to 864
- Trunk 869
- Upright Rim Knob...759, 760
- Wardrobe 865, 866
- Wicket 867
- Window Ventilating 940

Lock Sets—
- Bath Room Door.... 787
- Front Door—
  - Arcadian Design 765
  - Arles Design 766
  - Bungalow 807

L

PAGE

Lock Sets—*Continued.*
- Front Door—
  - Carson Design 803
  - Carvell Design 768
  - Carlton Design ...771, 802
  - Ceres Design 822
  - Douglass Design ...774, 802
  - Florian Design 776
  - Gyros Design 777
  - Hellas Design 780
  - Lydian Design 782
  - Madison Design 822
  - Magnolia Design 784
  - Messa Design 807
  - Octagon Design 803
  - Plain Design 785
  - Randolph Design 822
  - Regent Design 789
  - Revere Design 791
  - Sterling Design 703, 795, 797
  - Unit 822
  - Warwick Design 798
  - Wellington Design 800
- Inside Door ....765 to 809
- Mortise ....765 to 811
- Rim Door Lock.... 760
- Sectional 802, 803
- Sliding Door ....767 to 801
- Vestibule Door ....766 to 800

Lock Set Designs—
- Arcadian 765
- Arles 766, 767
- Carvell 768, 769, 770
- Carson Sectional 803
- Charlton...771, 772, 773, 802
- Douglas 774, 775, 802
- Florian 776
- Gyros 777, 778, 779
- Hellas 780, 781
- Latten 804, 805
- Lydian 782, 783
- Magnolia 784
- Mesa 806, 807
- Octagon Sectional 803
- Plain ....785 to 788
- Regent 789, 790
- Revere 791, 792
- Stirling ....793 to 797
- Warwick 798, 799
- Wellington 800, 801
- Yolo 808, 809

Locomotive Jack Screws.... 504
Log Chains 511
Log Jammer Blocks 499
Log Measures 208
Log Rules 208
Logging Harness 626, 627
Logging Traces 637
Lolling Bits 686
Long Brick Chisels 132
Long Griddles 1440, 1486, 1488
Long Handled Ladles 1440
Long Handle Shovels 453, 454
Long Handle Spades 455
Long Ladders 1284
Long Nose Pliers 256
Long Pans 1440, 1486, 1488
Loop Bolts—Snath 419

L

PAGE

Loop Rings—Snath 419
Loops—
Celluloid Slide 682
Conway 681
Halter and Ring..... 676
Hame 675
Hame Tug 681
Hay Rack 441
Leather Side 682
Overcheck 681
Twin Harness 681
Loose Grindstones 270
Loose Pin Butts .....880 to 885
Loose Sleigh Bells 697
Low Angle Block Planes..... 162
Lowering Jacks 506
Lubricant—Chain 1976
Lubricating Graphite 699
Lubricating Oil 1268
Luggage Carriers 1958
Lugs—Tank 2359
Lumber Gauges 242
Lumber Lead Harness 626
Lumber Pencils 1566
Lumber Rollers 494
Lumbering Tools .....491 to 494
Lumbermen's Aprons 254
Lumbermen's Axe Handles...53, 57
Lumbermen's Blocks 499
Lumbermen's Storm Blankets... 668
Lump Chalk 195
Lunch Boxes 1436
Lunch Knives 1669
Lynx Traps 1227

M

Machine Augers—Boring 124
Machine Bits 124
Machine Bolts 2361
Machine Bolts 509
Machine Heads—
Horse Clipping 1646
Sheep Shearing 1648
Machine Needles—Sewing 1282
Machine Oilers 1270
Machine Parts—Tinners'.2283 to 2290
Machine Punches—Farmers' 134
Machine Standards 2285
Machinery Steel 2356
Machinery Wrenches 292
Machines—
Bail Forming 2293
Beading 2282, 2289, 2290
Boring 100
Burring .....
2281, 2282, 2284, 2285
Circular Shear 2287
Clipping 1645, 1646
Coffee Percolating...1448, 1449
Cornice Brake 2292
Cornice Makers' 2282, 2289
Crimper and Beader.2282, 2289
Crimping 2282, 2289
Drilling 309, 310
Edging 2288
Elbow Edging 2288
Floor Scraping 180
Folder and Brake..... 2281

M

PAGE

Machines—*Continued.*
Folding, Cleat 2291
Folding, Tin 2283
Folding, Sheet Iron..2281, 2291
Forming 2290
Grinding 272, 274
Grooving 2282, 2284
Handle Forming 2293
Horse Clipping 1645, 1646
Percolating, Coffee..1448, 1449
Lever Punch 2287
Lever Shear and Punch... 2282
Pipe Folder 2281
Pipe Forming 2290
Punch 2287
Ring Forming 2293
Riveting 2375
Roller Cutter Shear..... 2287
Setting Down..2282, 2284, 2285
Sewing .....1277 to 1281
Shear and Punch..... 2282
Sheep Shearing 1647, 1648
Slitting Shears 2287
Square Pan 2296
Squaring Shears .....
2282, 2286, 2287
Stove Pipe 2289
Tinners .....2281 to 2294
Turning.2281, 2282, 2284, 2285
Washing .....1209 to 1212
Wiring..2281, 2282, 2284, 2285
Machinists' Brushes 1183
Machinists' Chisels 132
Machinists' Forges 306
Machinists' Hammers 36, 37
Machinists' Hammer Handles.53, 54
Machinists' Hand Taps 322
Machinists' Jack Screws 230
Machinists' Levels .....198 to 200
Machinists' Squares 225
Machinists' Tool Cases 216
Machinists' Tools—Starrett's ...
222 to 238
Machinists' Trammels 236
Machinists' Vises 298, 299
Mackintosh Wading Boots and Pants 2135
Magazine Screw Drivers..... 237
Magic Pattern Rules..... 2297
Magnets—Horse Shoe 238
Mail Boxes 953, 954
Makers—
Bread 1471
Cake 1471
Malleable Clamps 155
Malleable Clevises 2387, 2388
Malleable D's 418
Malleable Iron .....2385 to 2388
Malleable Iron Washers 2369
Malleable Oilers 1270
Malleable Snatch Blocks 496
Malleable Tackle Blocks 496
Malleable Wrenches 292
Malleables .....2385 to 2388
Mallet Head Chisels 45
Mallet Head Points 45
Mallets—
Carpenters' 149
Rawhide 149

M

PAGE

Mallets—*Continued.*
Rubber 149
Stone Cutters' 149
Tinners' 149
Wood 149
Mammoth Hanging Lamps..... 1258
Mandrel Stakes 2295
Mandrels—
Hollow 2295
Saw 58
Stove Pipe 2295
Mangers—Stable Corner 699
Mangles—Clothes 1202
Manicure Files 1661
Manicure Sets 1659, 1660
Manila Rope 507
Mantles—
Gas 1262
Gasoline 1262
Manual Training Benches...217, 218
Manure Carrier Wire 469
Manure Fork Ferrules 418
Manure Fork Handles 416, 417
Manure Forks—
D Handle 404
Long Handle 404, 406
Manure Hook Handles 416
Manure Hooks 407
Maple Syrup Cans..... 1464
Markers—
Clapboard 186
Ear 517
Market Baskets 450
Market Scales 1109
Market Wire 2279
Marking Awls 2305
Marking Brushes 1186
Marking Gauges 184, 185
Marking Pencils 1565
Marking Pots 1456
Marking Sticks—Board 207
Marshalltown Hawks 246
Martingales—
Buggy 643
Logging 643
Team 643
Martingale Rings 677
Mashers—Potato 1146, 1214
Mash Hoppers 523
Masks—
Catchers' 2193, 2194
Nose 2203
Umpires' 2193
Maslin Kettles 1422, 1486
Masons' Hammers 46
Masons' Levels 198, 199
Masons' Lines 195
Masons' Tool Bags 254
Massage Grips 2156
Match Holders 1176, 1445
Match Safe Assortments 1703
Match Safes 1176, 1703, 1870
Matching Planes 166, 175
Mats—
Cocoa Door 975
Stove 1490
Wire, Door 975

M

PAGE

Mattocks—
- Asphalt 50
- Garden 50
- Long Cutter 50
- Pick 50
- Short Cutter 50

Mattress Twine 1127

Maul Handles—
- Post 55
- Spike 53, 55
- Wood Chopper 55

Mauls—
- Cast Iron 49
- Cast Steel 47
- Post 49
- Railroad 47
- Ship or Top..... 47
- Spike 47
- Wood Choppers' 47

Maxim Silencers 1821

Mechanics' Tool Bags..... 254

Measures—
- Automobile 1267
- Bench 207
- Board 208
- Copper 1452
- Galvanized 448, 1428
- Garnet Enameled 1427
- Graduated, Pieced Tin.... 1459
- Graduated, Royal Enameled 1417
- Iron 448
- Log 208
- Powder 1853
- Royal Enameled 1417
- Shot 1853
- Tape .....209 to 211
- Tin 1459
- Utility 1459
- Wood 207

Measuring Bar Clamps 232

Measuring Chains 241

Measuring Cups 1221, 1443, 1459

Measuring Cups—Royal Enameled 1416

Measuring Faucets 1138

Measuring Pumps 1138

Measuring Scales 1120

Measuring Tapes .....209 to 211

Measuring Wheels—Tire 326

Meat Boards 1214

Meat Broilers 1224

Meat Chopper Parts.....1142 to 1144

Meat Choppers .....1142 to 1144

Meat Cutters .....1142 to 1144

Meat Forks—Cold 1684, 1691, 1695, 1699

Meat Hooks 1141

Meat Juice Extractors 1146

Meat Platters 1402, 1407

Meat Saws 80

Meat Tenderers 1140

Mechanics' Glue 1022

Medicine Balls 2208

Medium Forks—Sterling Silver.. 1700

Melon Moulds 1477

Melting Ladles 2307

Memoradums 1555

M

PAGE

Menders—
- Hose 432
- Pipe 432

Mending Plates 2385

Men's Bicycles .....1951 to 1953

Men's Handled Axes .....13 to 15

Men's Ice Skates 2001, 2002

Men's Roller Skates 2007, 2008

Mercury Plumb Bobs..... 232

Metal—Babbitt 2277

Metal Bar Gauges 185

Metal Building Corners..... 2262

Metal Ceiling .....2263 to 2270

Metal Corner Beads 2262

Metal Cutting Saw Blades..... 76

Metal Lath 2262

Metal Polish 1240

Metal Shingles 2259, 2260

Metal Side Walls 2271

Metal Workers' Crayons..... 1565

Metallic Belt Lacing 2378

Metallic Cartridges .....1830 to 1839

Metallic Tape Lines Only..... 209

Metallic Tapes 209

Metals 2277

Metropolitan Metal Shingles..... 2260

Mica 1229

Micrometer Attachments 226

Micrometer Caliper Gauges 227

Micrometer Caliper Squares 225

Micrometer Cases 227

Micrometer Depth Gauges 230

Micrometers 226, 227

Middle Brass Butts..... 888

Mild Steel 2352

Military Cartridges .....1835 to 1839

Milk Aerators 1466

Milk Can Brushes 1181

Milk Can Faucets 1137

Milk Can Handles 1470

Milk Can Letters and Figures... 1470

Milk Can Links 1470

Milk Can Rivets 2371

Milk Can Screws 1469

Milk Can Seal Presses 1470

Milk Can Seals 1470

Milk Can Stock 1469

Milk Can Strainers 1466

Milk Can Tin 2252

Milk Can Trimmings 1470

Milk Cans—
- Factory 1468, 1469
- Factory 1467, 1468

Milk Coolers 1466

Milk Kettles—
- Pieced Tin 1465
- Polar, Blue and White.... 1406
- Porcelain White and White 1403
- Royal Enameled 1417

Milk or Rice Boilers—
- Aluminum 1439, 1441
- Garnet Enameled 1421
- Polar, Blue and White.... 1405
- Porcelain White and White 1401
- Royal Enameled 1410

Milk Pans—
- Garnet Enameled 1423
- Royal Enameled 1413
- Stamped Tin 1475

M

PAGE

Milk Scales 1109

Milk Skimmers 1474

Milk Stirrer and Sampler..... 1466

Milk Strainers 1456

Milking Pails 1464

Milking Tubes 519

Milkmen's Bells 520

Mill Bastard Files 282

Mill Brooms 1190

Mill Picks 48

Mill Saws 61

Milliners' Pliers 256

Mills—
- Bone 427
- Coffee .....1101 to 1105
- Corn 427
- Grist 427
- Paint 326

Millwrights' Augers 123

Millwrights' Chisels 142, 143

Millwrights' Gouges 143

Mincing Knives 1139

Miners' Candlesticks..1462, 1890, 2155

Miners' Flash Lights 878, 879, 1970, 1971

Miners' Hats 2134

Miners' Lamps 1890, 2155

Miners' Scales 1122

Miners' Sledges 48

Miners' Tents 2152

Mining Barrows 484

Mining Picks 51

Mink Traps 1227, 1228

Minnow Buckets 2137, 2138

Minnow Floats 2139

Minnow Gangs 2108

Minnow Nets 2141, 2142

Minnow Seines 2142, 2145

Minnow Spoons 2109

Minnow Traps 2139

Minnows—
- Decoy 2107
- Devon 2108
- Muscallonge...2106, 2110, 2111
- Phantom 2107, 2108
- Prepared 2139
- Rubber 2107
- Wooden .....2110 to 2112

Mirrors 1174

Miscellaneous Hardware Assortments 896

Miscellaneous Rules 207

Mitre and Square—Combination. 193

Mitre and Try Squares..... 192

Mitre Box Parts .....187 to 189

Mitre Box Saws 76

Mitre Boxes .....187 to 189

Mitre Planes 174

Mitre Squares 192

Mitres—Eaves Trough 2273

Mitts—
- Basemen's 2185, 2186
- Catchers' .....2181 to 2185
- Fielders' 2187
- Flannel 445, 446
- Husking 445

Mixers—
- Bread 1471
- Cake 1471

M

PAGE

Mixing Bowls—
- Garnet Enameled 1424
- Polar, Blue and White... 1406
- Porcelain White and White 1401

Mixing Spoons—
- Cake 1425
- Slotted 1440

Mixor Spoons 1214
Molasses Cups 1434
Molasses Gates 1137
Molasses Pitchers 1416
Mole Traps 1226
Money Drawers 1287
Mop and Brush Holders..... 1206
Mop Handles 1206
Mop Sticks 1206
Mop Wringers 1206

Mops—
- Cotton 1206
- Detachable 1206
- Dish 1223
- O-Cedar Dusting 1207
- O-Cedar Polish 1207
- Slasher 1206

Mortar Barrows 487
Mortar Hods 488
Mortar Hoes 409
Mortise Dead Locks 762
Mortise Door Bolts 925
Mortise Door Keys 815, 816, 818
Mortise Door Knobs 813
Mortise Floor Spring Hinges.... 904
Mortise Gauges 184, 185
Mortise Lock Sets .....765 to 811
Mortise Knob Latches 761
Mortise Knob Locks.....762 to 764
Mortise Key Blanks 818
Mortise Night Latches 761
Mortise Screen Door Latches.... 930
Mortise Store Door Locks..... 764
Mother Goose Plates..... 1478
Motor Bike Handle Bars..... 1960
Motorcycle Cyclometer Brackets. 1974
Motorcycle Cyclometer Spoke Pins 1974
Motorcycle Cyclometers 1974
Motorcycle Padlocks 853
Motor Wash Machines..... 1209
Moulders' Bellows 312
Moulders' Shovels 456
Moulders' Tools .....250 to 253
Moulding Hooks 1177
Moulding Planes 174, 176

Moulds—
- Butter 1217
- Bullet 1851, 1852
- Cake, Aluminum 1440
- Cake, Stamped Tin 1477
- Jelly, Aluminum 1444
- Melon 1477
- Pudding 1456

Mountain Cake Pans .....
1414, 1424, 1480
Mounted Grindstones 269, 270
Mounted Kitchen Stones 267
Mounted Oil Stones 267
Mountings—Rod .....2065 to 2068
Mouse—Sash 944
Mouse Traps 1225
Mouth Pieces—Rubber 2203

M

PAGE

Movers—Car 52
Mowers—Lawn 428, 429, 430
Mowing Machine Oilers 1271
Mucilage 1562
Muffin Pans—
- Garnet Enameled 1424
- Royal Enameled 1413
- Stamped Tin 1478

Mugs—
- Children's, Royal Enameled 1416
- Shaving 1643

Mulay Saws 61
Mule Shears 1649
Muscallonge Baits 2106, 2120
Muscallonge Lines 2080, 2082
Muscallonge Minnows .....
2106, 2110, 2111
Muscallonge Reels 2073
Muscallonge Spinners 2106
Muskrat Traps 1227
Mustard Cups 1402

Muzzles—
- Dog 1873
- Ox 517

N

Nail Bags 1126
Nail Bins 1293
Nail Claws 43
Nail Clippers 1658
Nail Gimlets 129
Nail Hammers .....31 to 34
Nail Keg Trucks 482
Nail Nippers 1658
Nail Pullers 44
Nail Rod 2355
Nail Scissors 1658
Nail Sets 133

Nailers—
- Automatic 44
- Roofing 2293

Nails—
- Barbed Wire 1002, 1003
- Barrel 1005, 1008
- Box 1003
- Brad 1001
- Canvas 995
- Car, Barbed 1004
- Casing 1003, 1008
- Cement Coated 1006
- Clinch 1003, 1007
- Clout 995
- Cobblers' 999, 1000
- Common, Brads 1001
- Common Cut 1007
- Common Wire 1002, 1006
- Cut 1007, 1008
- Egg Case 1006
- Felt Roofing 1005
- Fence 1004, 1008
- Fine 1004
- Finishing 1003, 1008
- Flooring Brads 1003
- Foundry 1005
- Furniture 1178
- Hinge 1006, 1008
- Hob 999
- Hoop 1008

N

PAGE

Nails—*Continued.*
- Horse Shoe 2380
- Hungarian 999
- Iron Cut 1008
- Lining 1005
- Oil Cloth Binding 1229
- Picture 1177
- Rafter Bracket 1006
- Roofing 1005
- Shingle 1004, 1008
- Shoe 999, 1000
- Siding 1004
- Slating 1004
- Steel Cut 1007, 1008
- Steel Wire .....1001 to 1006
- Smooth, Box 1003
- Trunk 995
- Upholsterers' 1178

Name Plates 933
Narrow Butts 884, 886, 888
Navy Calipers 220
Neck Bolts 919
Neck Halters 649
Neck Housings 657
Neckyoke Centers 684
Neckyoke Irons 2383
Neckyoke Woods 2382

Neckyokes—
- Ironed 2381
- Wagon 2381

Needle Assortment 1282
Needle Case Stakes 2295
Needle Nose Pliers 256

Needles—
- Glovers' 1128
- Harness 1128
- Lacing 2208
- Larding 1128
- Packing 1128
- Sacking 1128
- Sail 1128
- Sewing Machine 1282
- Speying 1128
- Upholsterers' 1128

Nested Cups—Aluminum ..1443, 2133
Nested Saw Blades 76
Nested Saws 76
Nested Stove Pipe 1230
Nests—Hens' 523
Nest Eggs 523
Net Frames—Fish, Landing 2140
Net Rings 2140

Nets—
- Aquarium 2141
- Dip 2141, 2142
- Fish .....2141 to 2144
- Fly .....661 to 663
- Funnel 2143
- Gill or Set 2144
- Head 2132
- Hoop or Funnel 2143
- Landing 2141, 2142
- Live Fish 2142
- Minnow Dip 2141, 2142
- Round Dip 2142
- Set 2144
- Square Dip 2142
- Trammel 2143

N

PAGE

Netting—
- Cotton 2147
- Creek 2147
- Lake 2147
- Linen 2147
- Minnow 2147
- Poultry 473
- Seine 2147

Netting Staples—Poultry 1000
Nib Irons—Snath 419
Nickel Plated Screws 993
Nickel Plated Ware.....1446 to 1453
Nickel Silver Knives and Forks.. 1681, 1682
Nickel Silver Spoons 1701
Night Latch Assortments 753
Night Latches—
- Mortise 761
- Rim .....753 to 756
- Unit 756

Nippers—
- Cutting 260, 261
- Hoof 262
- Nail 1658
- Oblique 256
- Police 1874
- Starrett's 260
- Tile Cutting 260
- Tinners', Cutting 261

Nipple Grips—Spoke 1966
Nipple Washers 1966
Norway Iron 2355
Nose Masks 2203
Nosing Planes 174, 175
Nosing Tools 168
Notes—Blank 1555
Nozzles—
- Hose 432
- Spray 435
- Sprinkling 435

Nubian Enamel 1241
Numbering Tacks 915
Numbers—House 955
Nursery Hoes 409
Nut Augers 124
Nut Cracks 1702
Nut Picks 1702
Nut Picks and Cracks 1702
Nut Splitters 324
Nut Vises—Roller 300
Nut Wrenches 288
Nutmeg Graters 1459
Nuts—
- Bicycle 1962
- Blank 2368
- Hexagon 2367, 2368
- Pipe Wrench 293
- Semi-Finished 2367
- Square 2368
- Tapped 2367, 2368
- Threaded 2367, 2368
- Thumb 2386

O

O-Cedar Dusters 1207
O-Cedar Polish 1207
Oak Blocks 1129
Oak Heaters 1249

O

PAGE

Oak Squares 1129
Oar Leathers 2149
Oar Locks 2150
Oars—Boat 2149
Oat Sieves 475
Oat Sprouters 523
Oblique Cutting Pliers 256
Oblong Pans 1406, 1414, 1457
Odd Jobs 185
Office Knives 1611, 1619, 1628
Ogee Planes 176
Oil—
- Automobile 1268
- Axle 698
- Bicycle 1976
- Fly Killer 435
- Gun 1856
- Harness 698
- Lubricating 1268
- Oilstone 268
- Sewing Machine 1282

Oil and Molasses Gates 1137
Oil Can Faucets 1137
Oil Cans .....1265 to 1267
Oil Cloth Binding 1229
Oil Cloth Binding Nails..... 1229
Oil Cloth Rugs 1229
Oil Crayons 1565
Oil Faucets 1137
Oil Faucets—Petroleum 1137
Oil Heaters 1245, 1246
Oil Heater Wick Tubes..... 1245
Oil Heater Wicks 1245, 1246
Oil Lamps—Bicycle 1967
Oil Marking Pencils 1565
Oil Pumps 1267
Oil Slips 268
Oil Stone Boxes 266
Oil Stove Ovens 1253, 1254
Oil Stove Wicks 1250, 1251, 1261
Oil Stoves 1250, 1251
Oil Tanks 1266
Oiled Clothing 2134
Oiler Spouts .....1270 to 1272
Oilers—
- Automatic 1270
- Bicycle 1976
- Brass 1270
- Chace's 1270
- Copper 1270
- Copper Plated 1272
- Copperized 1272
- Felloe 2380
- Howland 1272
- Machine 1270
- Malleable 1270
- Maple City 1272
- Mowing Machine 1271
- Paragon 1270
- Pieced Tin 1270
- Railroad 1272
- Steel .....1270 to 1272
- Stenciled 1271
- Zinc 1270

Oilstones 266, 267
Oily Waste Cans 1430
Ointment—Belgium 435
One Arm Man Knives and Forks. 1666
One Arm Cross Saw Handles 90

O

PAGE

One Man Cross Cut Saws ...67 to 69
Onion Hoes 409
Open House Bells 697
Open Links 495
Openers—
- Box 44
- Can 1171
- Crate 44
- Door 877

Orange Knives 1691
Orange Spoons 1683, 1686, 1689, 1693, 1697
Order Books 1554
Ore Picks 51
Ornamental Hinges 890, 891
Ornamental Ridge—Continuous .. 2258
Ornaments—Spot 682
Otter Traps 1228
Outfits—
- Cobblers' 1133
- Lamp Repair 2155
- Loose Leaf Ledger 1552

Outing Bags 2026
Outlets—Eaves Trough 2274
Outside Calipers 220, 233, 234
Oval Head Iron Plates 2372
Oval Iron 2351
Oval Slide Vises 296
Oval Steel 2352
Oval Varnish Brushes 1184
Ovens—
- Dutch 1487
- Oil and Gasoline Stove..... 1253, 1254

Overcheck Bits 686
Overcheck Ends 630
Overcheck Loops 681
Overchecks 630
Ox Muzzles 517
Oxford Bags 2024, 2025
Oyster Forks—
- Silver Plated 1687, 1691, 1695, 1699
- Sterling Silver 1700

Oyster Knives 1666

P

Pack Sacks 1861
Package Scales 1112, 1116
Packing Needles 1128
Packing—Sheet 2378
Pad Hooks—Sweat 684
Pad Saw Blades 89
Paddles—Canoe 2149
Padlock Key Blanks 872
Padlock Keys 872
Padlocks .....844 to 856F
Pads—
- Basket Ball Knee..... 2204
- Cheek 1865
- Collar 656, 657
- Elbow 2204
- Foot Ball 2204
- Keyhole and Saw 76
- Knee 2204
- Recoil 1865
- Rod Butt 2064

P

PAGE

Pads—*Continued.*
- Saw 89
- Shoulder 2204
- Sweat 655, 656
- Team 645

Pail Ears 1484
Pail Hooks—Fire 970
Pail Woods 1484

Pails—
- Cement 1429
- Chamber—
  - Galvanized 1432
  - Japanned 1437
  - Polar, Blue and White. 1408
  - Royal Enameled 1419
- Commode 1404, 1432
- Cook, Pieced Tin 1462
- Covered—
  - Garnet Enameled..... 1426
  - Polar, Blue and White. 1408
  - Porcelain, White and W. 1404
  - Royal Enameled 1417
  - Tin 1462
- Dairy 1463
- Dinner—
  - Garnet Enameled 1426
  - Royal Enameled 1418
  - Tin 1461, 1462
- Feed 448
- Fibre, Indurated 1213
- Fire, Galvanized 1429
- Flaring 1464
- Horse 1213
- Milking 1464
- Minnow 2137, 2138
- Sap, Galvanized 1429
- Sap, Pieced Tin 1464
- Slop, Japanned 1437
- Stock, Galvanized 1429
- Strainer, Pieced Tin..1463, 1464
- Water—
  - Aluminum 1444
  - Fibre 1213
  - Galvanized 1429
  - Polar, Blue and White.. 1408
  - Porcelain, White and W. 1404
  - Royal Enameled 1417
  - Wood 1213
- Wooden, Cable 1213
- Wooden, Dowel 1213
- Wooden, Grained 1213

Paint—
- Aluminum 1240
- Barn 1019
- Gold 1240
- Roof 1019

Paint Brushes 1185
Paint Mills 326
Painters' Dusters 1186
Painters' Scratch Brushes 1183
Pallet Knives 1669
Panel Gauges 183
Panel Plow Planes 175
Panel Saw Handles 91
Panel Saws .....70 to 75

Pans—
- Angel Cake 1477
- Bake 1402, 1424

P

PAGE

Pans—*Continued.*
- Bed, Royal Enameled ... 1419
- Bed, White and White... 1404
- Berlin, Sauce—
  - Garnet Enameled 1422
  - Royal Enameled 1412
- Biscuit 1478
- Bread—
  - Aluminum 1442
  - Garnet Enameled 1424
  - Perfection 1479
  - Royal Enameled 1414
  - Tin 1457
- Bread Raising 1406, 1412, 1423, 1473, 1474
- Cake—
  - Perfection 1479
  - Plain Tin 1477
  - Spring Bottom 1457
  - Square Tin 1457
  - Stamped Tin 1477
- Cheese Cake 1457
- Coffee Cake 1442, 1478
- Corn Cake—
  - Garnet Enameled 1424
  - Royal Enameled 1413
  - Stamped Tin 1478
- Crumb and Brush..... 1434
- Dairy, Stamped Tin..... 1475
- Dish—
  - Garnet Enameled 1423
  - Hotel 1473
  - Polar, Blue and White.. 1406
  - Porcelain, White and W. 1403
  - Royal Enameled 1412
  - Stamped Tin 1474
- Douche 1404, 1419
- Dripping 1491
- Dust 1438
- Fry, Acme 1490
- Fry, Aluminum 1442
- Fry, Garnet Enameled... 1425
- Fry, Hotel 1472
- Fry, Royal Enameled ... 1415
- Gem, Aluminum 1440
- Gem, Cast Iron 1489
- Jelly Cake, Aluminum .. 1442, 1443
- Jelly Cake, Ezeout 1480
- Jelly Cake, Garnet Enameled 1424
- Jelly Cake, Pieced Tin .. 1457
- Jelly Cake, Royal Enameled 1414
- Jelly Cake, Stamped Tin. 1480
- Long, Aluminum 1440
- Long, Cast Iron....1486, 1488
- Milk, Garnet Enameled... 1423
- Milk, Royal Enameled... 1413
- Milk, Stamped Tin 1475
- Mountain Cake, Ezeout... 1480
- Mountain Cake, Garnet Enameled 1425
- Mountain Cake, Royal Enameled 1414
- Mountain Cake, Stamped Tin 1480
- Muffin, Garnet Enameled, 1424

P

PAGE

Pans—*Continued.*
- Muffin, Royal Enameled.. 1413
- Muffin, Stamped Tin..... 1478
- Oblong, Garnet Enameled. 1425
- Oblong, Pieced Tin 1457
- Oblong, Polar, Blue and White 1406
- Oblong, Royal Enameled.. 1414
- Patty, Stamped Tin..... 1478
- Perfection 1479
- Pudding, Aluminum 1442
- Pudding, Garnet Enameled 1423
- Pudding, Polar, Blue and White 1406
- Pudding, Porcelain White and White 1401
- Pudding, Royal Enameled 1413
- Pudding, Stamped Tin... 1475
- Refrigerator, Galvanized.. 1428
- Rinsing, Garnet Enameled 1423
- Rinsing, Stamped Tin ... 1474
- Roast 1491
- Sauce, Aluminum..1439 to 1441
- Sauce, Garnet Enameled.. 1421
- Sauce, Hotel 1472
- Sauce, Polar, Blue and White 1405
- Sauce, Porcelain White and White 1401
- Sauce, Royal Enameled... 1411
- Sauce, Stamped Tin..... 1474
- Shallow Cake, Perfection. 1479
- Sponge Cake, Garnet Enameled 1424
- Sponge Cake, Pieced Tin.. 1457
- Sponge Cake, Royal Enaeled 1414
- Spring Bottom, Cake..... 1457
- Square, Tin 1479
- Stew, Aluminum 1442
- Stew, Garnet Enameled.. 1424
- Stew, Royal Enameled... 1410
- Stove, Royal Enameled... 1414
- Tubed Cake, Perfection... 1479
- Tubed Cake, Stamped Tin. 1477
- Turk's Head 1478

Pans and Brushes—Comb 1434

Pants—
- Apron 2134
- Basket Ball 2206
- Foot Ball 2204
- Hunters' 1858
- Mackintosh Wading 2135
- Running 2174
- String 2134

Paper—
- Asbestos 1016
- Building 1016
- Carpet Lining 1016
- Cash Register 1287
- Emery 1020
- Flint 1020
- Garnet 1020
- Plaster Board 1016
- Rosin Sized Sheathing... 1016
- Sand 1020
- Straw Board 1016
- Tarred Board 1016

P

PAGE

Paper—*Continued.*
- Toilet 1176
- Wrapping 1125, 1126

Paper Balers—Waste 1124
Paper Clips 1560
Paper Cutters and Holders..... 1126
Paper Fasteners 1560
Paper Files 1558
Paper Holders—Toilet 1176
Paper Shears 1651
Paper Shot Shells—
- Empty 1842
- Loaded .....1841 to 1846

Parallel Clamps—Tool Makers'.. 230
Parcel Post Scales..... 1111
Parers—
- Apple 1147
- Hoof 262
- Potato 1147

Parers and Slicers.....1147
Paring Chisels 142
Paring Gouges 142
Paring Knives 1667
Paris Green 435
Park Benches 2159
Parlor Brooms 1190
Parlor Door Hangers..... 956
Parrot Cages 1275
Parts —
- Bicycle Repair 1955
- Bicycle Valve 1957
- Clipping Machine 1645
- Component Gun...1875 to 1880
- Component Revolver..... 1889
- Component Rifle..1881 to 1888
- Coaster Brake 1955
- Food Chopper 1142, 1143
- For Nested Saws..... 76
- Grinder Attachment 1646
- Grinder 1646
- Ice Skate 2003
- Meat Chopper.1142, 1143, 1144
- Mitre Box .....187 to 189
- Plane .....167 to 172
- Roller Skate 2008
- Shannon File 1557
- Sheep Shearing Machine. 1647, 1648
- Tinners' Furnace..2297 to 2300
- Tinners' Machine..2283 to 2290

Paste—Diamond 1562
Pastry Bags 1489
Patching Rubber 1958
Patent Dividers 236
Patent Peg Awls 151
Patternmakers' Gauges 185
Patternmakers' Rules 207
Patty Pans 1478
Paulins—Canvas 2151
Pea Jackets 2134
Pea Screen 474
Pearl Handle Knives and Forks.. 1679
Pearl Spinners 2122
Peavies 491
Peavies—Grappling 492
Peavy Bolts 493
Peavy Handles 492
Peavy Hooks 492
Pedals—Bicycle 1959

P

PAGE

Peeling Axes 12
Peg Awl Handles 152
Peg Awls 151
Peg Breaks 1132
Pencil Compasses 221
Pencil Holders 221, 1566
Pencil Point Protectors 1565
Pencil Sharpeners 1565
Pencils—
- Carpenters' 1566
- Chain Marking 1565
- Colored 1565
- Copying 1565
- Lead 1563, 1564
- Lumber 1566
- Metal Workers' 1565
- Oil Crayon 1565
- Slate 1567

Penholder Assortments 1567
Pens—Steel Writing 1568
Pennant Rubber Balls..... 2179
Pepper and Salt Shakers..... 1445
Pepper Boxes 1434
Percolating Coffee Machines.1448, 1449
Percolators—Coffee.1441, 1445 to 1449
Perfection Graters 1459
Perfection Cake Tins 1479
Perfection Kettles 1428
Perfection Roasters 1492
Perfection Ware 1479
Perforated Tin 1484
Petroleum Oil Faucets..... 1137
Pew Door Hinges..... 887
Phantoms—Fish 2113
Phantom Minnows 2107, 2108
Physicians' Scales 1120
Piano Casters 983
Piano Locks 861
Pick Eyes—
- Drifting 51
- Railroad 51

Pick Handles 53, 55, 56
Pick Mattocks 50
Pickers—Fruit 425
Picket Pins 2386
Pickle Forks 1694, 1687, 1691, 1695, 1699
Picks—
- Coal 51
- Drifting 51
- Hookaroon 492
- Ice 1170
- Lead Mining 51
- Mill 48
- Nut 1702
- Ore 51
- Poll 51
- Prospecting 39
- Quarry 48
- Railroad 51
- Stone 48

Picks and Cracks—Nut..... 1702
Pickup Tongs 326
Picnic Balls 2179
Picture Chains 1178
Picture Cord—Wire 1177
Picture Hooks 1177
Picture Nails 1177
Pie Forks .....,1691, 1695

P

PAGE

Pie Plates—
- Aluminum 1443
- Ezeout 1480
- Garnet Enameled 1425
- Perfection 1479
- Perforated 1480
- Polar, Blue and White.. 1407
- Porcelain White and White 1402
- Royal Enameled 1414
- Stamped Tin 1480

Pie Servers 1692, 1696, 1699
Pieced Cups..... 1416
Pieced Funnels 1417
Pieced Tin Ware.....1454 to 1465
Pieces—Rubber Mouth 2203
Pierced Ladles.....1407, 1425, 1476
Pig Forceps 517
Pig Lead 2277
Pig Rings 516
Pig Tin 2277
Pigeon Guns 1808, 1809
Pike Pole Handles 492
Pike Pole Pike and Hook..... 492
Pike Pole Pikes 492
Pike Pole Ring 492
Pike Poles 491
Pilley Quick Cleaners..... 2307
Pillow—Life Preserver 2148
Pin Punch 134
Pin Reamers—Taper 131
Pin Tools—Cotter 132
Pin Vises 232
Pincers—
- Blacksmiths' 262
- Carpenters' 261
- Larson's 261
- Shoe 262

Pinch Bars 52
Pine Tar 699
Pineapple Eyers 1146
Pinery Harness .....623 to 627
Pinery Hooks and Dies..... 678
Pinery Trace Billets 642
Pinery Traces 637
Pinking Irons 1197
Pins—
- Blanket 682
- Clothes 1205
- Cyclometer Spoke 1974
- Escutcheon 955, 995
- Husking 443
- Picket 2386
- Rolling 1214

Pipe—
- Conductor 2275
- Lead 526
- Stove 1230

Pipe Collars—Stove 1233
Pipe Cutter Wheels 294
Pipe Cutters 294
Pipe Cylinders—Stove 1231
Pipe Dampers—Stove 1233
Pipe Dies 323
Pipe Elbows—Stove 1231
Pipe Extensions—Spray Pump... 435
Pipe Folders 2281
Pipe Formers 2290
Pipe Kits—Combination 322
Pipe Menders 432

P

PAGE

Pipe Reamers 323
Pipe Registers—Stove 1232
Pipe Slicks—Moulders' 253
Pipe Stocks and Dies..... 323
Pipe Taps 323
Pipe Tongs 294
Pipe Vises 301
Pipe Wrench Chains 294
Pipe Wrench Jaws 293, 294
Pipe Wrench Parts 293
Pipe Wrenches....289, 292, 293, 294
Pistol Cartridges .....1832 to 1834
Pistol Flash Lights 878, 1969
Pistol Holsters 1864
Pistols—
- Colt's Automatic 1826
- Liquid 1827
- Luger Automatic 1827
- Savage 1827
- Target 1824, 1827

Pit Saw Files 284
Pit Saws 61
Pitch Adjusters 201
Pitch Gauges 228
Pitchers—
- Cream, Porcelain White and White 1402
- Molasses 1416
- Syrup, White and White.. 1402
- Toilet, Polar, Blue and White 1408
- Toilet, Porcelain White and White 1404
- Toilet, Royal Enameled... 1418
- Water, Garnet Enameled. 1426
- Water, Polar, Blue and White 1408
- Water, Porcelain White and White 1404
- Water, Royal Enameled.. 1418

Pitchers and Bowls—Royal Enameled 1418
Pitchers' Box Plates 2195
Pitchers' Toe Plates 2194
Pitching Tools 45
Pitless Wagon Scales..... 1123
Pittsburgh Perfect Fence...470, 471
Pivot Door Checks..... 906
Plain Bibbs 1136
Plain Fence Wire 468
Plane Arms 175
Plane Handles 154
Plane Irons 177
Plane Parts .....167 to 172
Planes—
- Adjustable ..... 157, 159 to 161, 163 to 168, 173
- Bailey's Bench 160, 161
- Beading 166
- Bed Rock 159
- Belt Makers' 164
- Bench 160, 173, 174
- Block....158, 161 to 163, 173
- Board Match 175
- Bull Nose Rabbet..... 163
- Butchers' Block 164
- Cabinet Makers' Block.... 163
- Cabinet Makers' Edge.... 163
- Cabinet Makers' Rabbet.. 163

P

PAGE

Planes—*Continued.*
- Carriage Makers' Rabbet. 160
- Casing Moulding 176
- Center Bead 176
- Chamfer 163
- Chaplin's Patent 173
- Chute Board and..... 189
- Circular 164
- Combination .....165 to 168
- Core Box 164
- Corrugated 157, 159, 160
- Cove 176
- Dado 165, 166, 174
- Door Trim 165
- Double End Matching.... 166
- Edge Trimming 163
- [illegible] 157, 158
- Fancy Wood.....174 to 176
- Fence Match 166
- Filletster 166, 174
- Floor 164
- Fore 157, 161, 173, 174
- Furring 163
- Grooving 165
- Handled Smooth.157, 161, 173
- Hollow and Round..... 176
- Jack.....157, 161, 173, 174
- Jack Rabbet 175
- Jenny Smooth 161
- Jointer 161, 173, 174
- Match 166, 175
- Mitre 174
- Moulding 174
- Nosing 174, 175
- Ogee 176
- Ohio Tool Co.'s..... 173
- Panel Plow 175
- Plank Match 175
- Plow 166
- Quarter Round 176
- Rabbet 163, 165
- Reeding 176
- Round and Hollow..... 176
- Router 165
- Scioto 173
- Scraper 178
- Scrub 163, 173
- Side Bead 176
- Side Rabbet 163
- Siegley Combination 166
- Skew Rabbet 166, 175
- Smooth..157, 159 to 161, 173
- Stanley's Bench 160, 161
- Stanley's Patent, Red Rock 159
- Step Nosing 175
- Swinging Fence Match... 166
- Tonguing 165
- Tooth 174
- Wood .....173 to 176
- Woodworkers' Router ... 165

Planer Knife Files..... 282
Planished Iron 2254
Planishing Hammers 2305
Plank Matching Planes..... 175
Plant Sprayers 433, 434
Planters—
- Bean 442
- Corn 442
- Potato 442

P

PAGE

Planters' Hoes 410
Planters' Hoe Handles 410
Plaster Board 1016
Plasterers' Cork Floats 246
Plasterers' Darbies 246
Plasterers' Hair 1016
Plasterers' Hawks 246
Plasterers' Tool Bags 254
Plastering Hair 1016
Plastering Trowels 243, 244
Plastic Cement 1242
Plate—Tin 2251, 2252
Plate Casters .....977 to 982
Plate Escutcheons 814
Plate Glass Shelves 1174
Plate Scrapers 1223
Plated Knives and Forks.1679 to 1681
Plated Ware—Silver....1679 to 1699
Plates—
- Animal 1478
- Assembling 2384
- Bench 2297
- Box, Pitchers' 2195
- Dinner, Polar, Blue and White 1407
- Dinner, Porcelain White and White 1402
- Dinner, Royal Enameled.. 1414
- Heel, Shoe 494, 1131
- Hinge 805, 807, 808
- Home, Base Ball 2195
- Home, Indoor Base Ball.. 2208
- Jelly Cake, Aluminum.... 1442, 1443
- Jelly Cake, Ezeout..... 1480
- Jelly Cake, Garnet Enameled 1424
- Jelly Cake, Royal Enameled 1414
- Jelly Cake, Stamped Tin.. 1480
- Letter Box 954, 955
- Lettered 1478
- Mending 2385
- Mother Goose 1478
- Mountain Cake, Ezeout... 1480
- Mountain Cake, Garnet Enameled 1425
- Mountain Cake, Royal Enameled 1414
- Mountain Cake, Stamped Tin 1480
- Name 933
- Pie, Aluminum 1443
- Pie, Ezeout 1480
- Pie, Garnet Enameled 1425
- Pie, Perfection 1479
- Pie, Perforated 1480
- Pie, Polar Blue and White 1407
- Pie, Porcelain White and White 1402
- Pie, Royal Enameled..... 1414
- Pie, Stamped Tin..... 1480
- Pitchers' Box 2195
- Pitchers' Toe 2194
- Push 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 805, 807, 809, 811
- Sash Pull 942

P

PAGE

Plates—*Continued.*
- Screw..316, 317, 318, 319, 320
- Shoe, Heel 2194
- Shoe, Toe 2194
- Sink Strainer 524
- Soup, Royal Enameled... 1414
- Toe, Shoe 2194
- Toe, Pitchers' 2194
- Toilet Clipper 1644
- Ventilating 1015

Platform Barrel Carts 489
Platform Scales...1115, 1117, to 1120
Platform Trucks 428, 483
Platforms—Striking Bag 2200
Platters—Meat 1402, 1407
Playground Balls 2178
Pliers—
- Auto 257
- Belt 2378
- Bernard's 255, 256
- Burner 257
- Button's 258
- Combination.256, 257, 258, 259
- Diagonal 256
- Electricians' 259
- Fence 467
- Flat Nose..255, 256, 257, 258
- Gas 257, 258
- Hose Wire 432
- Lineman's 259
- Lodi 255, 256
- Long Chain Nose..... 256
- Long Nose, Needle Point.. 256
- Milliners' 256
- Needle Nose 256
- Oblique Cutting 256
- Paragon 256
- Round Nose 255, 256
- Side Cutting 256, 257
- Umbrella 255

Plow Anvils 303
Plow Bolts 2363
Plow Hammers 38
Plow Handles 490
Plow Harness 619, 620
Plow Links 2388
Plow Plane Arms 175
Plow Planes 175
Plow Singletrees 2381
Plow Steel 2355
Plows—
- Grading 489
- Railroad 489

Plug Cutters 117
Plug Taps 322
Plugs—
- Repair 1958
- Spark 878, 1969

Plumb Bobs 194, 232
Plumbers' Force Cups 525
Plumbers' Saws 78
Plumbers' Scrapers 2307
Plumbs and Levels.....
196, 197, 198, 199, 200, 238
Plunge Baths 1437
Plunger Leathers 525
Plungers—Cistern Pump 525
Plush Lap Robes..... 669
Plyers—(See Pliers.)

P

PAGE

Pneumatic Cleaners 1191
Poachers—Egg 1471
Pocket Ammeters 878, 1971
Pocket Bait Casting Rod..... 2059
Pocket Borers—Automatic 112
Pocket Compasses 1870, 1871
Pocket Cutlery .....1601 to 1629
Pocket Flash Lights .....
878, 879, 1970, 1971
Pocket Fly or Bait Rod..... 2054
Pocket Knives .....1601 to 1629
Pocket Levels 201
Pocket Match Safes 1703
Pocket Rules .....202 to 205
Pocket Scissors 1655
Pocket Screw Drivers 117, 237
Pocket Scribers 221, 232
Pocket Slide Calipers 225
Pocket Stoves 1244
Pocket Tapes 211
Pocket Volt Ammeters.....878, 1969
Pod Bits 129
Point Chucks—Diamond 132
Pointers—
- Convex 248
- Raised 248
- Spoke 117

Pointing Trowels 246
Points—
- Ball, Starrett's 235
- Drill 112
- Drive Well 526
- Glaziers' 1021
- Hammer Head 45
- Mallet Head 45
- Trammel 186, 236
- Washer Well 526

Poises—Scale Beam 1108
Pokers—Fire or Stove..... 1236
Polar Blue and White Ware.....
1405 to 1408
Pole Brackets—Curtain 1179
Pole Caps 2384
Pole Pikes—Pike 492
Pole Pike and Hook—Pike..... 492
Pole Rings—
- Curtain 1179
- Pike 492

Pole Sets—Curtain 1179
Pole Sockets—Curtain 1179
Poles—
- Fishing 2051
- Japannese Bamboo 2051
- Pike 491
- Ranging 241
- Sash Pull 942
- Ski 2006
- Window Brush 1189

Police Goods 1874
Police Lanterns 1259
Police Nippers 1874
Police Twisters 1874
Polish—
- Metal 1240
- O-Cedar 1207
- Steel 1568
- Stove 1240, 1241, 1242

P

PAGE

Polish Mops—O-Cedar 1207
Polished Iron—Wellsville 2254
Polishers—Shoe 1182
Polishing Irons 1193
Poll Pick Handles 56
Poll Picks 51
Pomade—Universal Putz 1240
Pond Ice Saws 61
Pony Halters 649
Pony Harness 609
Poppers—Corn 1219
Porcelain White and White Ware.
1401 to 1404
Porch Brackets 972
Porch Chairs 2158, 2160
Porch Flashing 2259
Porch Furniture 2158
Porch Rockers 2158
Porch Settees 2158
Porch Swings 2158
Porch Swing Chains 2170
Porch Supports 972
Pork Packers' Saws 81
Pork Rind Fish Hooks..... 2095
Pork Scales 1119
Portable Forges 304, 305, 306
Portable Lever Punch 2287
Portable Ovens—Stove 1253, 1254
Port Bits 687
Portable Platform Scales.1117 to 1120
Post Drills 311
Post Hole Augers 463, 464
Post Hole Digger Handles..... 463
Post Hole Diggers 463
Post Maul Handles 55
Post Mauls 49
Post Spades 460
Post Spoons 459
Postal Scales 1111, 1115
Posts—
- Bicycle Seat 1962
- Hitching 699

Pot Brackets—Flower 974
Pot Cleaners 1223
Pot Cover Assortment 1483
Pot Covers—
- Cream City Spring Ring.. 1483
- Lashers' 1483
- Royal Enameled 1410
- Tin 1483

Pot Cover Set..... 1483
Potato Bakers 1224
Potato Digging Forks 407
Potato Fryers 1224
Potato Hooks 407
Potato Mashers 1146, 1214
Potato Parers 1147
Potato Planters 442
Potato Scoops 459
Potato Slicers 1147
Pots—
- Bean 1450
- Berlin Sauce 1412, 1422
- Berlin Tea 1401
- Coffee, Aluminum...1439, 1441
- Coffee, Garnet Enameled. 1420
- Coffee, Nickel Plated 1446
- Coffee, Polar Blue and White 1405

P

PAGE

Pots—*Continued.*
- Coffee, Porcelain White and White 1401
- Coffee, Royal Enameled.. 1409
- Fire, Tinners' 2398
- Fireless Cooker 1411
- Glue 1022
- Marking, Pieced Tin..... 1456
- Sauce, Aluminum 1442
- Sauce, Garnet Enameled.. 1422
- Sauce, Hotel 1472
- Sauce, Royal Enameled... 1412
- Soup Stock 1412, 1472
- Sprinkling, Galvanized... 1428
- Sprinkling, Pieced Tin... 1460
- Stock, Garnet Enameled.. 1423
- Stove, Cast .....1485 to 1488
- Straight, Garnet Enameled 1423
- Straight, Polar Blue and White 1406
- Straight, Royal Enameled. 1412
- Tea, Aluminum 1439, 1441
- Tea, Garnet Enameled.... 1420
- Tea, Nickel Plated 1446
- Tea, Pieced Tin 1455
- Tea, Polar Blue and White 1405
- Tea. Porcelain White and White 1401
- Tea, Royal Enameled.... 1409
- Watering, Galvanized 1428
- Watering Pieced Tin..... 1460

Poultry Brood Coops 523
Poultry Drinking Fountains 523
Poultry Dry Food Hoppers..... 523
Poultry Dry Mash Hoppers..... 523
Poultry Fence 471, 472
Poultry Grit and Shell Box..... 523
Poultry Leg Bands 523
Poultry Netting 473
Poultry Netting Staples 1000
Poultry Punches 523
Pounder Washer 1212
Powder—
- Blasting and Mining..... 1850
- Rifle 1851
- Shaving 1643
- Shot Gun 1851
- Smokeless 1851
- Sporting 1851

Powder Measures 1853
Power Wash Machines.....1210, 1211
Practice Casting Weights..... 2064
Prepared Shiners 2139
Prepared Roofing 1017, 1018
Preserver—Wood 1019
Preserving Kettles—
- Aluminum 1441
- Garnet Enameled 1421
- Nesco, Wrought Steel.... 1485
- New Idea 1485
- Polar Blue and White.... 1405
- Porcelain White and White 1401
- Royal Enameled 1411
- Stamped Tin 1474

Pressed Steel Corners 2262
Pressed Steel Roofing 2256
Presses—
- Combination Fruit 1145
- Fruit 1145, 1146

P

PAGE

Presses—*Continued.*
- Jelly 1146
- White 1401
- Milk or Rice, White and Lard 1145
- Letter 1558
- Milk Can Seal..... 1470
- Vegetable 1146
- Wine 1146

Pressure Gauges—Tire 1973
Pressure Screws—Wringer 1202
Price List of Files and Rasps.... 280
Prick Punches 134
Primers 1848
Prospecting Hammers 39
Prospecting Picks 39
Protectors—
- Body 2192, 2208
- Ear 2198
- Hand 1865
- Pencil Point 1565

Protractor Squares 193
Proctactors—Machinists' 224, 227, 228
Pruners—Tree 425
Pruning Knives 1601, 1621
Pruning Saw Blades 76
Pruning Saws 83
Pruning Saws and Hooks..... 83
Pruning Shears 424, 425
Publications—Reach 2195
Pucks—Hockey 2005
Pudding Moulds 1456
Pudding Pans—
- Aluminum 1442
- Garnet Enameled 1423
- Polar Blue and White.... 1406
- Porcelain White and White 1401
- Royal Enameled 1413
- Stamped Tin 1475

Pullers—
- Cork 1172
- Nail 44
- Staple 467
- Tack 42

Pulley Blocks—Snatch 438
Pulley Wheels—Wash Machine.. 1211
Pulleys—
- Awning 951, 952
- Axle 947, 948
- Brass Screw 950
- Ceiling 949
- Clothes Line 952
- Dumb Waiter 949
- Fork, Hay Carrier..... 438
- Frame 947, 948
- Hay Fork 439
- Hot House 948
- Incased Screw 949
- Incised Swivel 949
- Knot Passing 439
- Sash 947, 948
- Screw 949, 950
- Side 950
- Sling 438
- Swivel 949
- Tackle 951, 952
- Upright 950

P

PAGE

Pull Hooks—Sash 942
Pulls—
- Brass 931
- Door..770, 773, 779, 842, 843
- Drawer .....931 to 933
- Fancy 932
- Label Holders and..... 933

Pull Plates—Sash 942
Pull Poles—Sash 942
Pump Connections—Bicycle 1973
Pump Hose Couplings 1973
Pump Leathers 525
Pump Makers' Stocks and Dies.. 322
Pump Oil Cans 1266
Pump Oilers 1272
Pump Plungers 525
Pump Repairs 525
Pumps—
- Bicycle 1971, 1972
- Cistern 525
- Force 434
- Oil 1267
- Pitcher Spout 525
- Self-Priming 1138
- Spray 435

Punch Tubes—Spring 136
Punches—
- Assortments 134
- Automatic 237
- Belt 135
- Bench 313
- Blacksmiths' Round 325
- Bull 518
- Center 134, 237
- Combined Shear and..... 2288
- Conductor 137
- Farmers' Machine 134
- Hollow 2306
- Iron, with Shear..... 2288
- Lever 2282, 2287
- Machine 134
- Pin 134
- Poultry 523
- Prick 134
- Revolving Hammer 136
- Revolving Spring 136
- Round, Blacksmiths' 325
- Saddlers' 135
- Saw Blade 89
- Sickle Section 134
- Solid 134
- Spacing 237
- Spring 136
- Ticket 137
- Tinners' 2282, 2287, 2288
- Track 48

Punches and Shears—
- Combined 314, 2288
- Lever 2282

Purses—Knife 1629
Push Braces 111
Push Button Knives 1626
Push Buttons.....767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 803, 805, 807, 809, 877
Push Button Catches 926

P

PAGE

Push Plates 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 805, 807, 809, 811
Pushers—Food 1685
Putty—
Bladder 1021
In Cans 1021
Stove 1242
Window Glass 1021
Putty Knives 1662

Q

Quarry Picks 48
Quarter Round Planes 176
Quick Cleaners 2307
Quick Repair—Bicycle Tire 1975
Quick Repair Tires 2011
Quick Working Forms — Eaves Trough 2292
Quilt Frame Clamps 155
Quoits 2156

R

Rabbet Gauges 229
Rabbet Planes .160, 163, 165, 166, 175
Rabbit Fencing 471
Raccoon Traps 1227, 1228
Racer Skate Shoes 2005
Racine Spring Exercisers 2156
Racing Skates 2004
Racing Skis 2006
Racking Cocks 1136
Rack Loops—Hay 441
Racks—
Clothes 1203
Glass 1293
Hay 699
Roaster, Fish 1492
Towel 1175
Truck 482
Whip 691
Radiator Brushes 1183
Radiators 1246
Radius Gauge 229
Radius Tools—Cement Workers' . 248
Rafter Bracket Nails 1006
Rafter Brackets 438
Rafter Grapples 438
Rafter Squares 191
Rail—
Barn Door 962, 963
Hay Carrier 436, 437
Parlor Door 956
Sliding Door 957
Rail Brackets—Hand 971
Rail Screws—Hand 971
Railroad Adzes 19
Railroad Barrows 486
Railroad Bolts 2359
Railroad Claw Bars 52
Railroad Crayons 195
Railroad Lanterns 1256
Railroad Lining Bars 52
Railroad Milk Cans 1467, 1468
Railroad Oilers 1272

R

PAGE

Railroad Pick Eyes 51
Railroad Pick Handles 53, 55
Railroad Picks 51
Railroad Plows 489
Railroad Spike Mauls 47
Railroad Spikes 1009
Railroad Trucks 480
Railroad Wrenches 286
Railway Spikes 1009
Rain Water Cut-Offs 2276
Raised Pointers 248
Raisers—
Bread, Garnet Enameled. 1423
Bread, Hotel 1473
Bread, Polar, Blue and White 1406
Bread, Royal Enameled.. 1412
Bread, Stamped Tin..... 1474
Raisin Seeders 1146
Raising Hammers 2305
Rake Brackets 426
Rake Handles 416
Rakes—
Clover 413
Garden 412
Hay 413
Lawn 413
Range Tea Kettles 1451
Ranging Poles 241
Rasps—
Cabinet 284
Horse 285
Horse Tooth 285
List of 280
Shoe 285
Wood 284
Rat Traps 1226, 1227
Ratchet Attachment 323
Ratchet Borers 105
Ratchet Braces 105
Ratchet Drill Bits 128
Ratchet Drills 312
Ratchet Screw Drivers 113
Ratchet Wrenches 288
Ratchets—Fence 465
Rattlers—Shaft 2382
Rawhide Mallets 149
Razor Assortments 1632
Razor Blades—Safety ...1633 to 1635
Razor Handles 1632
Razor Hones 1640
Razor Stroppers 1636
Razor Strops .....1633, 1637 to 1639
Razorine 1643
Razors .....1630 to 1635
Reach Publications 2195
Reamer Bits 131
Reamers—
Bit Brace 131
Half Round 131
Octagon 131
Pipe 323
Square 131
Taper 131
Taper Pin 131
Rear Hubs—Bicycle 1962
Recappers 1853
Receipts—Blank 1555
Reclining Chairs 2160

R

PAGE

Recoil Pads 1865
Recreation Balls 2178
Red Ink 1562
Reducing Rings 1237
Reeding Planes 176
Reel Bands 2068
Reel Cases 2064
Reel Hose—Rubber 431
Reel Seats 2068
Reels—
Chalk Line 152
Chalk Line and Awls.... 152
Clothes Line 1205
Fishing .....2069 to 2074
Hose 431
Refined Sheet Iron 2254
Reflectors—
Glass 1260
Lamp 1890, 2155
Rifle and Gun Barrel..... 1829
Reflector Screws 1260
Refrigerator Catches 893
Refrigerator Fasteners 893
Refrigerator Hinges 890, 892
Refrigerator Latches 893
Refrigerator Locks 893
Refrigerator Pans 1428
Refrigerators—
Challenge Iceberg ..... 1148 to 1152
Glacier Sanitary..1160 to 1163
Grand 1159
Triumph .....1153 to 1155
Victor .....1156 to 1158
Register Borders .....1010 to 1014
Register Buttons 1015
Register Faces .....1010 to 1014
Registering Calipers 220
Registers—
Cash 1287
Floor .....1010 to 1014
Hot Air .....1010 to 1014
Round 1014
Semi-Steel .....1010 to 1014
Side Wall 1015
Stove Pipe 1232
Rein Holders 636
Rein Springs—Check 682
Rein Supports 684
Releaser—Fish Line 2074
Reloading Tools 1851, 1852
Remover—Rust 1855
Repair Buckles 679
Repair Clips 675
Repair Links—
Bicycle Chain 1963
Chain 495
Repair Outfits—Lamp 2155
Repair Plugs—Tire 1958
Repair Tires—Quick 2011
Repair Tools—Tire 1958
Repair—Bicycle Tire, Quick.... 1975
Repairs—
Bicycle 1955
Coaster Brake 1955
Fence Stretcher 466
Food Chopper 1142, 1143
Grain Cradle 420
Hose 432

R

PAGE

Repairs—*Continued.*
- Ice Cream Freezer..1167, 1168
- Meat Chopper 1144
- Mitre Box 187, 189
- Tinners' Furnace..2297 to 2300
- Tinners' Machine..2283 to 2290

Repeating Rifles—
- Autoloading 1815
- Automatic 1813
- High Power 1816
- Remington 1815, 1816
- Ross 1816
- Savage 1817
- Self-Loading 1814
- Standard 1815
- Stevens' 1816
- Target 1816
- Winchester .....1811 to 1814

Repeating Shot Guns.....1807 to 1810
Resin 2307
Residence Front Door Handles and Locks .....823 to 826
Rests—
- Back 2148
- Body 2064
- Shelf 972

Retailers' Wire Assortment..... 2280
Revolver Cleaners 1855
Revolver Holsters 1864
Revolver Parts 1889
Revolver Pockets 1864
Revolvers .....1823 to 1826
Revolving Hammer Punches ... 136
Revolving Nail Bins 1293
Revolving Spring Punches 136
Ribbing Knives 1671
Rice Boilers—
- Aluminum 1439, 1441
- Garnet Enameled 1421
- Polar, Blue and White... 1405
- Porcelain White and White 1401
- Royal Enameled 1410

Riddles—
- Foundry 475
- Grain 475
- Sand 475

Ridge Coping 2259
Ridge—
- Continuous Ornaental ... 2258
- Ornamental 2261

Ridge Roll—
- Corrugated 2257
- Round 2258

Ridge Tile 2261
Riding Whips 690
Rifle Brushes 1854, 1855
Rifle Cases 1862
Rifle Cleaners 1855
Rifle Darts 1822
Rifle Parts .....1881 to 1888
Rifle Rods 1855
Rifle Sights 1828, 1829
Rifles—
- Air 1821, 1822
- Autoloading 1815
- Automatic 1813

R

PAGE

Rifles—*Continued.*
- Boy Scout 1820
- Carbines 1813, 1816, 1817
- Gallery 1815, 1816
- Hamilton 1819
- High Power 1816
- Hopkins & Allen..... 1819
- Marble's Game Getter.... 1818
- Remington....1815, 1816, 1821
- Repeating ..... 1181 to 1813, 1815 to 1818
- Ross 1816
- Savage 1817
- Self-Loading 1814
- Single Shot 1814
- Standard 1815
- Stevens'.....1818 to 1820
- Target.....1816, 1818 to 1821
- Visible Loading 1818
- Winchester..1811 to 1814, 1819

Rim Cement 1975
Rim Dead Locks 757, 758
Rim Door Keys 817
Rim Door Knobs 813
Rim Fire Cartridges 1830, 1831
Rim Gate Latches 756
Rim Key Blanks 819
Rim Knob Latches 756
Rim Knob Locks .....758 to 760
Rim Knob Lock Sets..... 760
Rim Night Latches .....753 to 756
Rims—Wood Bicycle 1966
Ring Formers—Wire 2293
Ring Guides—Rod 2066
Ring Handle Scoops 1456
Ringed Fish Scoops.....2088 to 2094
Ringed Sinkers 2127
Ringers—
- Hog 516
- Pig 516
- Shoat 516

Rings—
- Breeching 677
- Bull 518
- Center Plates and..... 2383
- Curtain 1178
- Cylinder 1231
- Ferrules and 2383
- Fish Net 2140
- Flush, Brass 935
- Flush, Trap Door 935
- Halter Loops and..... 676
- Hame Line 676
- Harness 677
- Hitching 901
- Hog 516
- Key 1704
- Loops and 676
- Martingale 677
- Net, Fish 2140
- Pig 516
- Pike Pole 492
- Reducing 1237
- Screw, Brass 1178
- Scythe Snath 419
- Set Line Snaps and..... 2128
- Shoat 516
- Split 2128

R

PAGE

Rings—*Continued.*
- Stove Pipe 1233
- Toe 493
- Trap Door and Staples... 901
- Trap Door, Flush..... 935
- Wood 677

Ring Hooks—Key 1704
Rings and Ferrules 2383
Rings and Loops 676
Rings and Snaps—Set Line..... 2128
Rings and Staples—Trap Door.. 901
Rink Roller Skates..... 2008
Rinsers—Vegetable 1442
Rinsing Pans 1423, 1474
Rip Saws .....70 to 75
Ripping Bars—Carpenters' 52
Rivet Sets—
- Farmers' 2305
- Tinners' 2305

Riveters' Forges 306
Riveting Burs 2369
Riveting Hammers 35, 39
Riveting Machines 2375
Riveting Hammer Handles ...53, 54
Rivets—
- Belt, Copper 2373
- Belt, Coppered Iron..... 2374
- Boiler 2371
- Braziers' 2370
- Broad Head 2372
- Clinch 2374
- Cone Head 2371, 2372
- Coopers' 2370
- Copper 2370
- Flat Head 2372
- Hame 676
- Iron 2371, 2372
- Milk Can 2371
- Oval Head 2372
- Section 2371
- Structural 2371
- Tinners' 2370
- Tubular 2374
- Wagon Box 2372

Rivets and Burs.....2373, 2374
Roaching Shears 1649
Road Scrapers 490
Roast Pans 1491, 1492
Roaster Fish Racks..... 1492
Roasters—
- Aluminum 1439, 1442
- Brownie 1492
- Corona 1492
- L. and H..... 1492
- Perfection 1492
- Royal Enameled 1415
- Savory 1492
- Vollrath 1492

Robe Hooks 1174
Robes—
- Auto 669
- Buffalo Cloth 669
- Fur 670
- Plush Lap 669

Rock Face Steel Siding..... 2263
Rockers—
- Lawn 2160
- Porch 2158

Rod Brackets—Curtain 1178

R

PAGE

Rod Butt Pads 2064
Rod Cases 2064
Rod Ferrules 2067
Rod Grips 2062
Rod Guides 2066, 2067
Rod Handles 2062
Rod Holders 2064
Rod Joints 2063
Rod Mountings .....2065 to 2068
Rod Shorteners 2063
Rod Tapers or Winding Checks.. 2068
Rod Tips 2063, 2065, 2066
Rod Trimmings—Steel 2059
Rod Varnish 2132
Rods—
Boiler 2355
Cleaning 1854, 1855
Curtain 1179
Drill 2357
Fishing .....2051 to 2062
Gauging 207
Leveling 241
Nail 2355
Rifle 1855
Saw 86
Spike 2355
Stair 1178
Wagon Box 2383
Wantage 207
Wood Saw 86
Roll Paper Holders 1126
Roll Roofing—Self Capping 2256
Roll Valley 2257
Roll—
Corrugated Ridge 2257
Round Ridge 2258
Roller Gauges 185
Roller Nut Vises 300
Roller Skates 2007, 2008
Roller Skate Parts 2008
Rollers—
Barn Door 962
Hame 676
Imprint, Cement Workers' 249
Lumber 494
Sash 939
Spread 682
Stay 962
Towel 1204
Rolling Cutter Shears—Tinners'. 2287
Rolling Pins 1214
Rolling Shelf Ladders..... 1284
Roll—
Corrugated Ridge 2257
Round Ridge 2258
Rolls—
Auger Bit 120
Chisel 141
Edging, Elbow 2288
Skate 2008
Trotting 660
Wringer 1201
Roof Coating 1019
Roof Gutters 2272
Roof Joints 1238
Roof Paint 1019
Roof Saddles 1238
Roof Tile 2261

R

PAGE

Roofing—
Continuous 2251
Prepared 1017, 1018
Sheet Steel .....2255 to 2257
Tarred Felt 1016
Roofing Brackets 186
Roofing Brushes 1018
Roofing Caps 1018
Roofing Cement 2255
Roofing Cleaters and Nailers.... 2293
Roofing Coppers—Soldering 2306
Roofing Discs 1018
Roofing Double Seamers ...2293, 2294
Roofing Folders 2293
Roofing Nailers 2293
Roofing Nails 1005
Roofing Paint 1019
Roofing Paper 1016
Roofing Seamers 2257
Roofing Tin Plate 2251
Roofing Tongs 2257, 2294
Roofing Tools 2256, 2257
Rope—
Cotton 507
Guy 508
Manila 507
Sisal 507
Strand 508
Wire 508
Rope Cattle Ties 515
Rope Clamps 509
Rope Clips 509
Rope Cutters 507
Rope Fasteners 674
Rope Halters 648
Rope Halter Leads 515
Rope Hitches 438
Rope Snaps 672
Rope Thimbles 509, 674
Ropes—Hammock 2170
Roses—
Knob 812
Sprinkler 1484
Rosettes 683
Rosette Decorating Tubes 1489
Rosette Irons 1489
Rosette Pastry Bags 1489
Rosin 2309
Rosin Sized Sheathing..... 1016
Rotary Wash Machines..... 1210
Rounds and Hollows 168, 176
Round Bastard Files 282
Rounds—Check 631
Round Eye Hammer Handles... 54
Round Face Hammers 92
Round Head Screws 992, 993
Round Head Stakes 2296
Round Hooks and Staples..... 900
Round Iron 2351, 2355
Round Nose Pliers 255
Round Punches—Blacksmiths' ... 325
Round Ridge Roll 2258
Round Side Checks 631
Round Steel 2352
Round Winker Braces 631
Round Trays 1435, 1449
Rounding Hammers—Farriers'.. 40
Routers—Wood Workers' 165

R

PAGE

Row Boats 2148
Row Locks 2150
Royal Slicers 1669
Royal Enameled Ware...1409 to 1419
Rub Irons 2384
Rubber Balls 2179
Fuller 1186
Rubber Bands 1568
Rubber Boots 1891, 2135
Rubber Boot Taps 1130
Rubber Buckets 526
Rubber Cement 1131, 1975
Rubber Erasers 1568
Rubber Heels 1130
Rubber Mallets 149
Rubber Minnows 2107
Rubber Mouth Pieces 2203
Rubber Patching 1958
Rubber Stamp Ink 1562
Rubbers—
Leather Top 1860
Rugby Foot Balls.....2201, 2202
Rugs—Oil Cloth 1229
Rule Clamps 223
Rule Tool 185
Rules—
Architects' 204
Bench 207
Blacksmiths' 204, 223
Rules—
Blind Man's 204
Board 208
Board Measure 207
Board Sticks 207
Boxwood .....202 to 204
Caliper, Boxwood 202, 204
Caliper, Ivory 202
Caliper, Steel 222
Extension 207
Gauging 207
Hook 222
Ivory 202
Key Seat 223
Level 204
Log 208
Machinists', Starrett's 222
Measure, Wood 207
Miscellaneous 207
Narrow Hook 222
Pattern Makers' 207, 2297
Pocket 206
Ship Carpenters' 204
Shrinkage 207
Slide Caliper 222
Steel 206, 222
Straight Edge 223
Thumb Slide 222
Tinners' 2297
Wantage Rods 207
Wood Measures 207
Yard Sticks 207
Zig-Zag 205
Rulings—Blank Book 1551
Runners—Swivel or Gag..... 680
Running Pants 2174
Running Shoes 2174
Rural Mail Boxes 954
Rust Remover 1855

S

PAGE

S Hooks 495
S Wrenches 289, 290
Sacks—Pack 1861
Sad Iron Handles 1194
Sad Iron Heaters 1194
Sad Iron Stands 1194
Sad Irons .....1192 to 1194
Saddle Chimes 696
Saddle Clamps—Bicycle 1962
Saddle Springs—Bicycle 1962
Saddlers' Awls 151
Saddlers' Punches 135
Saddles—
Bicycle 1961
Express 647
Roof 1238
Single Strap, Gig..... 647
Safes—
Match 1176, 1703, 1870
Wall .....1569 to 1571
Safety Carvers—Hunting 1868
Safety Chain 511
Safety Fuse 1850
Safety Gate Hooks 900
Safety Hasps 894, 900
Safety Hasps 495
Safety Match Holders 1176
Safety Razor Blades.....1633 to 1635
Safety Razor Strops 1633
Safety Razors .....1633 to 1635
Safety Saws 1868
Sail Needles 1128
Salad Forks—Individual .....
1684, 1691, 1695, 1699
Salt and Pepper Cabinets..... 1215
Salt and Pepper Shakers 1445
Salt Boxes 1215
Salts—Soldering 2307
Sand Paper 1020
Sand Riddles 475
Sand Screens 474, 475
Sanitary Brushes 1181
Sanitary Consumers 1430
Sanitary Pails 1463
Sap Pails 1429, 1464
Sap Spouts 1464
Sash Balances 946
Sash Centers 944
Sash Chain 945
Sash Chain Fasteners 944
Sash Cord 945
Sash Cord Irons 944
Sash Fasteners 938, 939
Sash Hangers—Storm 914, 915
Sash Lifts—
Bar 941
Flush 767, 770, 773,
775, 779, 781, 783, 788,
790, 792, 796, 801, 940, 941
Sash Locks 938, 939
Sash Mouse 944
Sash Pull Hooks 942
Sash Pull Plates 942
Sash Pull Poles 942
Sash Pulleys 947, 948
Sash Rollers 939
Sash Tools 1185
Sash Weight Table 946
Sash Weights 946

S

PAGE

Sauce Pan Covers 1472
Sauce Pans—
Aluminum ...1439, 1441, 1442
Berlin—
Garnet Enameled 1422
Royal Enameled 1412
Garnet Enameled 1421
Hotel 1472
Polar, Blue and White.... 1405
Porcelain, White and White 1401
Royal Enameled 1411
Stamped Tin 1474
Sauce Pot Covers 1472
Sauce Pots .....
1412, 1422, 1423, 1442, 1472
Saucers—
Cups and 1407, 1416, 1426
Garnet Enameled 1426
Polar, Blue and. White... 1407
Porcelain, White and White 1403
Royal Enameled 1416
Sausage Stuffers 1145
Saw Anvils 92
Saw Blade Punches 89
Saw Blades—
Bracket 88
Buck 87
Butchers' 89
Compass 89
Coping 81
Dehorning 89
Hack 88
Hand Saw Kit 77
Key Hole 89
Key Hole Pad 89
Kitchen 89
Metal Cutting 76
Nested 76
Pad 89
Pruning 76
Screw Slotting 88
Scroll 88
Turning 89
Web 89
Wood 87
Saw Bucks 86
Saw Clamps 98, 99
Saw Files 284
Saw Filing Guides 98
Saw Frames—
Buck 86
Cabinet 83
Hack 78, 79
Wood 86
Saw Gauges 98
Saw Gummers 95
Saw Handles 90, 91
Saw Jointers 96
Saw Kits—Hand 77
Saw Makers' Hammers 92
Saw Makers' Straight Edges.... 92
Saw Makers' Tools 92
Saw Mandrels 58
Saw Pads 89
Saw Rods 86
Saw Screws 91
Saw Sets .....92 to 95
Saw Swages 96
Saw Tools 96, 97

S

PAGE

Saw Vises 98, 99
Saw Wedges 48
Sawdust Barrows 486
Saws—
Back 76
Band 60
Boys' and Buck..... 86
Bracket 82
Buck 84, 85
Butchers' 80
Circular .....58 to 60
Compass 77
Coping 81
Cordwood 60
Cross Cut .....62 to 69
Dehorning 81
Dovetail 77
Drag 60
Felling 62
Flooring 78
Hack 78, 79
Hand .....70 to 75
Hand Ice 61
Hand, Hack 78
Handy Hand 83
Handy Handle Hack 78
Ice 61
Interchangeable Compass.. 77
Key Hole 76
Kitchen 81
Meat 80
Mill 61
Mitre Box 76
Mulay 61
Nested 76
One Man Cross Cut..67 to 69
Pad 76
Panel .....70 to 75
Pit 61
Plumbers' 78
Pond Ice 61
Pork Packers' 81
Pruning 83
Pruning, Hooks and 83
Rip .....70 to 75
Safety, Hunters' 1868
Scroll 82
Stair Builders' 77
Turning 83
Turning Webs 83
Whip 61
Wood 84, 85
Saws and Bucks—Boys'..... 86
Scale Beams 1108
Scale Weigh Books 1108
Scale Weights 1108
Scalers—Fish 2129
Scales—
Acme Counter 1115
Ball 1112
Bath Room 1120
Butter 1112, 1114
Candy 1116
Cloth 1121
Confectionery 1109
Counter .....
1109, 1114, 1115, 1116
Crown Beam 1120
Dairy 1109, 1118

S

PAGE

Scales—*Continued.*
- Dormant 1121
- Drop Lever 1119
- Even Balance 1114
- Family 1109, 1110
- Fish 2132
- Flax Seed Tester 1116
- Fruit 1107
- Grain or Pork.....1119, 1121
- Grocers' 1112, 1113
- Hay 1122
- Ice 1106
- Market 1109
- Measuring 1120
- Milk 1109
- Miners' 1122
- Package 1112, 1116
- Parcel Post 1111
- Physicians' 1120
- Pitless Wagon 1123
- Platform Counter 1115
- Platform Portable.1117 to 1120
- Pork 1119
- Portable Platform.1117 to 1120
- Postal 1111, 1115
- Spring Balance 1106, 1107
- Tea 1112
- Tobacco 1116
- Transportation 1122
- Union Counter 1113
- Vegetable 1107
- Vermont Counter 1115
- Wagon 1122, 1123
- Warehouse 1121
- Weighing and Measuring.. 1120
- Wheelbarrow 1119

School Bags 2026
School Crayons 195
School House Hooks 966
School Scissors 1655
School Slates 1567
Scissor Assortment—Ladies' 1656
Scissors—
- Assortments, Ladies' 1656
- Button Hole 1654
- Cuticle 1659
- Embroidery 1654
- Kindergarten 1655
- Ladies' 1653
- Ladies' (in Case)..... 1656
- Nail 1659
- Pocket 1655
- School 1655

Scoop Brackets 426
Scoop Forks—
- Sugar Beet 412
- Vegetable 406

Scoop Fork Handles—Vegetable . 417
Scoop Handles 417, 418
Scoops—
- D Handle 457, 458
- Family 1480
- French Model 1480
- Furnace 456
- Grain 458
- Grocers', Retinned 1481
- Grocers', Royal Enameled. 1417
- Potato 459
- Ring Handle 1456

PAGE

Scoops—*Continued.*
- Spice 1480
- Thumb 1480
- Vegetable 459

Score Books—
- Reach, Base Ball 2195
- Reach, Basket Ball 2208

Scoring Tablets 2195
Scotch Bowls 1487, 1488
Scout Axes—Boy 16
Scraper Planes 178
Scraper Sets—Curved Bearing... 132
Scrapers—
- Block 1141
- Box 43
- Butchers' Block 1141
- Cabinet 178, 179
- Cabinet Makers' 178
- Coopers' 147
- Crumb Tray and..... 1452
- Floor 179, 180
- Foot 975
- Hog 1141
- Plate 1223
- Plumbers' 2307
- Road 490
- Ship 43
- Sidewalk 462
- Steel 179
- Stove 1236
- Veneer 178
- Wall 43

Scraping Knives 1662
Scraping Knives—Floor 180
Scraping Machines—Floor 180
Scratch Awls 2305
Scratch Brushes—Wire 1183
Scratch Gauges 230
Screen Door Bolts 921
Screen Door Braces 913
Screen Door Butts 887
Screen Door Catches 929, 930
Screen Door Checks 912
Screen Door Fasteners ...914 to 916
Screen Door Hangers 907, 908
Screen Door Hinge Sets..... 908
Screen Door Hinges 907
Screen Door Latches 930
Screen Door Sets 908
Screen Door Springs 913
Screen Doors 476
Screen Frames—Window 477
Screen Hangers 914, 915
Screen Window Catches 916
Screen Window Fasteners 916
Screen Wire Cloth 475
Screens—
- Flax 474
- Pea 474
- Sand 474, 475
- Window 477

Screw Anchors 2365
Screw Cases 1293
Screw Cockeyes 674
Screw Cutters 156
Screw Driver Attachments 113
Screw Driver Bits 113, 130
Screw Driver Handles 154
Screw Driver Sets 116

PAGE

Screw Drivers .....112 to 117, 237
Screw Eyes 987, 988
Screw Hook and Eye Hinges.... 899
Screw Hook and Strap Hinges... 899
Screw Hooks .....965, 984 to 986
Screw Pitch Gauges 228
Screw Plate Stocks 321
Screw Plate Taps 322
Screw Plates—
- Automobile 317, 319
- Blacksmiths' 315
- Everkeen 315, 317
- Green River.....318 to 320
- Lightning 319, 320

Screw Pulleys 949, 950
Screw Rings 1178
Screw Slotting Blades 88
Screws—
- Bench 155
- Blued 993
- Bright Iron 992
- Brass 992, 993
- Can 1484
- Cap 2366
- Coach 2362
- Cork 1172
- Door Knob 813
- Flat Head 992, 993
- Hand 155
- Hand Rail 971
- House Movers' Jack 504
- Illustrations of Flat Head. 989 to 991
- Iron 992, 993
- Jack 230
- Japanned 993
- Knob 813
- Lag 2362
- List of 992, 993
- Locomotive Jack 504
- Machinists' Jack 230
- Milk Can 1469
- Nickel Plated 993
- Oval Head 993
- Pressure, Wringer 1202
- Reflector 1260
- Round Head 992, 993
- Saw 91
- Set, Iron 2367
- Stop, Washers and..... 939
- Tail 155
- Vise 303
- Weight of 994
- Wood 992, 993
- Zinc Can 1484

Screws and Washers—Stop 939
Scribers—
- Pocket 221, 232
- Sleeve 232

Scroll Drawing Knives 145
Scroll Saw Blades 88
Scroll Saws 82
Scroll Saws and Lathes..... 82
Scrub Planes 163, 173
Scrubbing Brushes 1181
Scuffle Hoes 415
Scythe Snath Extras 419
Scythe Snaths 419
Scythe Stone Assortments 420

S

PAGE

Scythe Stones 421
Scythes—
Bramble 420
Bush 420
Cradle 420
Grain 420
Grass 419
Weed 420
Seals—Milk Can 1470
Seal Presses—Milk Can..... 1470
Seamers—
Foot 2257
Roofing 2257, 2293, 2294
Seamless Bowls—Royal Enameled 1413
Search Lights 1258
Seat Corner Irons 2385
Seat Posts—Bicycle 1962
Seat Spring Hooks 2384, 2386
Seat Springs 2384
Seats—
Bath Tub 1174
Boat 2150
Chair 1204
Coaster Wagon 2013
Fishing Reel 2068
Third 2160
Secret Rim Gate Latches..... 756
Section Rivets 2371
Sectional Stove Covers 1237
Sectional View of Files..... 279
Seed Carriers 441
Seed Drill Attachment—Garden.. 411
Seed Testers—Flax 1116
Seeder Steel 2355
Seeders—
Grain 442
Raisin 1146
Seine Twine 2140
Seines—
Minnow or Creek..... 2145
Straight 2146
Tapered 2146
Selecting Hooks 1141
Self-Capping Roll Roofing..... 2256
Self Measuring Faucets 1138
Self-Priming Pumps 1138
Semi-Finished Nuts—Hexagon... 2368
Semi-Steel Registers ....1010 to 1014
Separator Brushes 1180
Separators—Cream 1465
Servers—
Ice Cream ...1692, 1696, 1699
Pie 1692, 1696, 1699
Set Gauges 98
Set Hammers—Blacksmiths' 325
Set Line Snaps and Rings..... 2128
Set Nets 2144
Set Screws 2367
Sets—
Auger Bit .....118 to 120
Basement Window 916
Bath Room Door Lock.... 787
Bearing Scraper 132
Bicycle Front Axle..... 1962
Bicycle Rear Axle..... 1962
Bit Stock Drill..... 126
Boot Calk 494
Boring Machine Auger... 124
Bracket, Scroll 82

S

PAGE

Sets—*Continued.*
Breast Drill 126
Butter Knife and Sugar Shell .....
1684, 1687, 1690, 1694, 1698
Carpenters' Chisel 141
Child's..1687, 1692, 1696, 1698
Children's Aluminum 1444
Combination, Square 224
Combination, Tool 120
Croquet 2157
Curved Bearing Scraper.. 132
Curtain Pole 1179
Drill 126
Electric Bell 875
Floral 414, 415
Front Door Lock..765 to 822
Inside Door Latch.....
766, 778, 787, 794
Inside Door Lock..765 to 809
Kitchen 1481, 1668
Knife 1668
Library 1657
Loading 1853
Manicure 1659, 1660
Mortise Lock .....765 to 811
Nail 133
Pot Cover 1483
Rim Knob Lock..... 760
Rivet, Farmers' 2305
Rivet, Tinners' 2305
Saw .....92 to 95
Screen Door 908
Screen Hanger 914, 915
Screw Driver 116
Scroll Bracket 82
Sectional Door Lock..802, 803
Sliding Door Lock..767 to 800
Socket Wrench 287
Soldering 2307
Tool 113, 116, 224
Utility Tool 131
Vestibule Door Latch....
766, 768, 771, 772, 774,
777, 780, 782, 785, 789,
793, 800
Wagon 2381
Wood Bit 126
Wrench 287, 288, 291
Settees—
Lawn 2159
Porch 2158
Setter Bottoms 1470
Setter Covers 1470
Setting Blocks 97
Setting Clamps 1228
Setting Down Machines .....
2282, 2284, 2285
Setting Hammers 35
Sewing Awl Handles 152
Sewing Awls 151
Sewing Machine Belts 1282
Sewing Machine Bobbins 1282
Sewing Machine Needles 1282
Sewing Machine Oil 1282
Sewing Machine Screw Drivers.. 115
Sewing Machine Shuttles 1282
Sewing Machines .....1277 to 1281
Shade Roller Brackets..... 1178

S

PAGE

Shaft Chime Bells 696
Shaft Ends 2384
Shaft Tugs—
Buggy 642
Express 642
Shafting—Cold Rolled 2358
Shafts—Grindstone 271
Shakers—
Pepper and Salt..... 1445
Stove 1236
Sugar 1445
Shannon Files 1557
Sharpeners—
Carborundum Knife 1678
Floor Scraper Knife..... 180
Knife 1678
Pencil 1565
Skate 2004
Shavers—Beef 1138
Shaves—
Ice 1170
Iron 148
Spoke, Carpenters' 148
Spoke, Coopers' 147
Wood 148
Shaving Brushes 1641, 1642
Shaving Mugs 1643
Shaving Powder 1643
Shaving Soap 1643
Shaving Stick 1643
Shawls—Auto 669
Shear and Scissor Assortment... 1655
Shear Holders 2297
Shearing Knife Grinders 1646
Shearing Machines—Sheep..1647, 1648
Shearing Machine Parts....1647, 1648
Shears—
Assortments of 1651
Bankers' 1651
Barbers' 1652
Bench 2287, 2305
Bent Trimmers 1650, 1651
Bird 1678
Blacksmith 314
Circular, Tinners'...2287, 2304
Combined Punches and...
314, 2288
Double Cutting 2304
Fetlock 1649
Game 1678
Grape 424
Grass 427
Hand, Tinners'.....2303, 2304
Hedge 424
Lawn 427
Lever and Punch..... 2282
Mule 1649
Paper 1651
Pruning 424, 425
Roaching 1649
Rolling Cutter 2287
Sheep 1649
Slitting 2287
Splitting 313
Squaring 2282, 2286, 2287
Straight Trimmers..1650, 1651
Tailors' 1652
Tinners' Bench 2287
Tinners' Circular Hand... 2304

S

PAGE

Shears—*Continued.*
- Tinners' Circular Machine 2287
- Tinners' Hand 2303, 2304
- Tinners' Slitting Machine. 2287
- Tinners' Squaring 2286
- Trimmers, Bent 1650, 1651
- Trimmers, Straight..1650, 1651

Shears and Punches—
- Combined 2288
- Lever 2282

Sheathing—Rosin Lined 1016
Sheaths—Axe 1867
Sheaves
- Derrick Block 497, 498
- Hoisting Block 497, 498
- Loading Block 499
- Show Case Door..... 957
- Shutter 957
- Sliding Door 957
- Sliding Shutter 957
- Snatch Block 498, 499
- Tackle Block 499

Sheep Bells 520
Sheep Shearing Machines..1647, 1648
Sheep Shears 1649
Sheet Brass 2278
Sheet Copper 2278
Sheet Glue 1022
Sheet Iron—
- Galvanized 2254
- Wellsville Polished 2254
- Wood's Planished 2254
- Wood's Refined 2254

Sheet Iron Folders 2281, 2291
Sheet Packing 2378
Sheets—Stable 664
Sheet Steel—
- Annealed 2253
- Cold Rolled 2253
- Galvanized 2254
- Stove Pipe 2253
- Tank 2253
- Tool 2357

Sheet Zinc 2278
Sheets—
- Corrugated 2255
- Stable 664

Shelf Brackets 973
Shelf Ladders—Rolling 1284
Shelf Rests 972
Shell Bags 1861
Shell Belts 1859
Shell Boxes 523
Shell Extractors 1854
Shellers—Corn 441
Shells—
- Brass 1847
- Loaded .....1841 to 1846
- Paper 1847
- Shot .....1841 to 1847
- Sugar, Silver Plated..... 1682, 1684, 1687, 1688, 1690, 1694, 1698
- Sugar, Sterling Silver.... 1700

Shelving—
- Glass 1174
- Steel 972
- Hardware Wall 1290

S

PAGE

Shields—
- Buckle 681
- Expansion Bolt 2365
- Eye 1703

Shin Guards 2204
Shiners—Prepared 2139
Shingle Bands 2254
Shingle Gauges 30
Shingle Knives 146
Shingle Nails 1004, 1008
Shingle Trimmings 2259
Shingles— .
- Continuous Hip 2258
- Galvanized Plain 2258
- Milwaukee Hip 2258
- Plain Tin 2258
- Titelock Metal 2259

Shingling Hatchets .....
- 21, 22, 23, 24, 25, 26, 27, 28

Shingling Hatchet Handles....53, 54
Ship Adze Handles 56
Ship Adzes 18
Ship Auger Bits 122
Ship Augers 122
Ship Axe Handles 56
Ship Axes 18
Ship Car Bits 123
Ship Carpenters' Rules 204
Ship Mauls 47
Ship Scrapers 43
Shipping Tags 1558
Shirts—Basket Ball 2206
Shoat Rings 516
Shock Tighteners—Corn 441
Shoe Brushes 1182
Shoe Daubers 1182
Shoe Hammers 39
Shoe Holders 1132
Shoe Iron—Horse 2351
Shoe Knives 1662
Shoe Lasts 1132
Shoe Lasts and Stands..... 1132
Shoe Nails 999, 1000
Shoe Pincers 262
Shoe Plates 2194
Shoe Polishers 1182
Shoe Rasps 285
Shoe Repair Outfits 1133
Shoe Sole Cabinets 1130
Shoe Soles 1129
Shoe Steel—Sleigh 2359
Shoe Tacks 999
Shoe Thread 1131
Shoe Valves 1957
Shoe Wax 1131
Shoes—
- Base Ball 2174
- Basket Ball 2205
- Bowling 2205
- Conductor 2275
- Cutter 2359
- Foot Ball 2205
- Gymnasium 2205
- Horse 2379
- Indoor 2205
- Running 2174
- Skating 2005
- Sleigh 2359
- Track 2174

S

PAGE

Shooting Glasses 1866
Shooting Jackets 1858
Shorteners—Steel Rod 2063
Shot—
- Air Rifle 1849
- Buck 1849
- Chilled 1849
- Drop 1849

Shot Bags 1126
Shot Cartridges 1840
Shot Gun Cleaners 1854
Shot Gun Powder 1851
Shot Gun Sights 1829
Shot Guns—
- Autoloading 1806
- Brush 1809
- Double Barrel....1801 to 1804
- Goose 1805
- Lever Action 1810
- Pigeon 1808, 1809, 1810
- Repeating .....1807 to 1810
- Self-Loading 1810
- Single Barrel ....1804 to 1810
- Trap 186, 1807, 1808, 1809

Shot Measures 1853
Shot Shells—
- Brass 1847
- Empty Paper 1847
- Loaded .....1841 to 1846

Shots—Solid 2156
Shoulder Pads 2204
Shoulder Tool Chests—Carpenters' 215
Shovel Brackets 426
Shovel Handles 417, 418
Shovel Sifters 1235
Shovels—
- Barn 462
- Coal 457
- Concrete 456
- D Handle 451, 452
- Fire 1235
- Floral 415
- General Purpose 462
- German 455
- Lime 456
- Long Handle 453, 454
- Moulders' 456
- Round Point ...452, 453, 454
- Scoop .....457 to 459
- Snow 461, 462
- Square Point 451, 453
- Stove 1235
- Telegraph 459

Show Case Door Sheaves 957
Show Case Door Sheave Track.. 957
Show Case Hinges 907
Show Cases .....1285 to 1287
Shrinkage Rules 207
Shuts—Cold 495
Shutter Knobs 936
Shutter Sheaves—Sliding 957
Shuttles—Sewing Machine 1282
Sickle Grinders 273, 276
Sickle Section Punches..... 134
Side Bead Planes 176
Side Braces 2383
Side Checks—Buggy 631
Side Coffee Mills 1105

S

PAGE

Side Cutting Pliers 256, 257, 258, 259
Side Files 96
Side Handles—Milk Can 1470
Side Lamps 1257, 1258
Side Pulleys 950
Side Rabbet Planes 163
Side Straps—Harness 644
Side Wall Registers 1015
Side Walls—Metal 2271
Sidewalk Cleaners 462
Sidewalk Scrapers 462
Siding Nails 1004
Siding—Sheet Steel 2262
Sidewalk Roller Skates 2007
Siegley's Planes 166
Sieves—
- Ash 1235
- Coal 1235
- Flax Seed Testers..... 1116
- Flour 1221
- Foundry 475
- Grain 475
- Oat 475
- Sand 475

Sifters—
- Ash 1235
- Coal 1235
- Flour 1221
- Flour Bin and..... 1433
- Shovel 1235

Sights—
- Level 201
- Rifle 1828, 1829
- Shot Gun 1829

Silk—Winding 2132
Sill Borers 106
Sill Cock Keys 431
Silver Cream 1240
Silver Plated Knives and Forks.. 1680, 1681, 1683, 1686, 1689, 1693, 1697
Silver Plated Ware ....1679 to 1699
Silver Solder 92
Silverware Chests 1685
Silverware—Sterling 1700
Single Barrel Shot Guns.1804 to 1810
Single Bit Axe Handles.....53, 57
Single Bitted Axes .....2 to 12
Single Buggy Breeching 639
Single Buggy Lines 635
Single Harness .....601 to 614
Single Shot Rifles 1814
Singletree Woods 2382
Singletrees—
- Hoisting 2382
- Plow 2381
- Wagon 2381

Sink Bolts 524
Sink Brackets 524
Sink Brushes 1181
Sink Cleaners 1223
Sink Couplings 524
Sink Drainers...524, 1403, 1417, 1474
Sink Strainer Plates 524
Sink Strainers 524
Sinkers—Fish Line 2126, 2127

S

PAGE

Sinks—
- Cast Iron, Enameled..... 524
- Cast Iron, Painted..... 524

Sirens—Bicycle 1965
Sisal Rope 507
Skate Buckles 679
Skate Keys 2004
Skate Parts—
- Ice 2003
- Roller 2008

Skate Rolls 2008
Skate Sharpeners 2004
Skate Straps 2004
Skates—
- Extension Bob 2003
- Ice 2001, 2002
- Roller 2007, 2008

Skating Shoes 2005
Skein Bolts 2362
Skew Rabbet Planes 166, 175
Ski Caps 2006
Ski Poles 2006
Skidding Tongs 493
Skiffs—Hunting 2148
Skillets—Aluminum 1439
Skimmers—
- Flat 1425, 1474
- Hotel 1473
- Milk 1474
- Royal Enameled 1415
- Stamped Tin 1474
- Vegetable 1224

Skinning Knives 1670, 1671
Skins—Chamois 1640
Skirt Hangers 969
Skis 2006
Skunk Traps 1227, 1228
Slab Soap Dishes 1173
Slab Zinc 2277
Slasher Mops 1206
Slate Pencils 1567
Slaters' Felt 1016
Slates—School 1567
Slating Nails 1004
Slaw Cutters 1219
Sledge Handles 53, 55
Sledges—
- Blacksmiths' 47
- Cast Steel 47
- Coal Miners' 48
- Horseshoers' Turning 47
- Stone 47
- Striking 47
- Turning 47

Sleds—
- Children's Hand 2014
- Coaster 2014
- Fire Fly 2015
- Flexible Flyer 2015
- Wabash Steel 2016

Sleeve Irons 1192
Sleeve Scribers 232
Sleigh Bells 696, 697
Sleigh Shoe Bolts 2363
Sleigh Shoe Steel 2359
Sleigh Shoes—Steel 2359
Sleighs—Children's 2014

S

PAGE

Slicers—
- Beef 1138
- Bread 1218
- Egg and Beet 1445
- Ham 1669
- Potato 1147
- Royal 1669
- Vegetable 1218

Slickers—Oiled 2134
Slicks—
- Carpenters' 139, 144
- Moulders .....250 to 253

Slide Caliper Rules 222
Slide Calipers 225
Slide Loops 682
Slide Rule Caliper and Gauge.... 222
Slide Vises—Oval 296
Slides—
- Breast Strap 676
- Desk 895

Sliding Door Lock Sets—
- Arles Design 767
- Carvell Design 769
- Charlton Design 772
- Douglass Design 755
- Florian Design 776
- Gyros Design 778
- Hellas Design 781
- Lydian Design 783
- Magnolia Design 784
- Plain Design 788
- Regent Design 790
- Revere Design 791
- Sterling Design 796
- Warwick Design 799
- Wellington Design 801

Sliding Door Rail 957
Sliding Door Sheaves 957
Sliding Parlor Door Hangers.... 956
Sliding Shutter Sheaves 957
Sliding Stable Door Locks..... 841
Sliding T Bevels 193
Slim Taper Files 281
Sling Pulleys 438
Sling Straps 1859
Slings—Wagon, Hay 440
Slips—
- Emery 268
- Oil 268

Slitting Gauges 183
Slitting Shears 2287
Slotting Blades—Screw 88
Slop Jars—Japanned 1437
Slotted Mixing Spoons 1440, 1481
Sloyd Knives 1626
Smooth Planes 157, 159, 160, 161, 173
Snaffes 686
Snaps—
- Bit 672
- Bull 518
- Harness .....671 to 673
- Rope 672
- Whip 691

Snaps and Rings—Set Line..... 2128
Snaps and Thimbles 674
Snatch Block Sheaves 498, 499
Snatch Blocks .....496 to 498
Snatch Pulley Blocks 438

S

PAGE

Snath Extras 419
Snaths—
Bush Scythe 419
Cradle 419
Grass Scythe 419
Snelled Fish Hooks.....2088 to 2094
Snips—Tinners' 2303, 2304
Snow Shovels 461, 462
Soap—
Harness 698
Linseed Oil 1269
Shaving 1643
Soap Dishes—
Bath Tub 1173
Garnet Enameled 1427
Polar, Blue and White.... 1408
Porcelain, White and White 1404
Royal Enameled 1418
Slab 1173
Wall, Bath Room 1173
Wire 1223
Soap Holders 1173, 1223
Soapstone 1976
Soapstone Foot Warmers 1490
Soapstone Griddles 1490
Soccer Foot Balls 2201
Socket Bolts—Snath 419
Socket Corner Chisels..139, 141, 142
Socket Firmer Chisels .....
138, 140, 142, 143
Socket Firmer Gouges..139, 141, 143
Socket Framing Chisels.139, 140, 143
Socket Wrench Sets 287
Sockets—
Curtain Pole 1179
Snath 419
Whip 688
Window Spring Bolt 942
Soft Brass 2278
Soft Braziers Copper 2278
Soft Steel 2352
Soft Steel Cutter 313
Solder—
Silver 92
Tinners' 2277
Soldering Copper Handles 153
Soldering Coppers 2306
Soldering Furnaces .....2297 to 2300
Soldering Salts 2307
Soldering Sets 2307
Sole Leather Cabinets 1130
Sole Leather Strips 1130
Soles—Half 1129
Solid Box Vises 303
Solid Cast Steel Hammers..... 46
Solid Cast Steel Sledges..... 47
Solid Cast Steel Mauls 47
Solid Ladles 1425, 1476
Solid Pipe Dies 323
Solid Punches 134
Solid Shot 2156
Solid Steel Hollow Ware..... 1490
Soup Bowls .....
1402, 1407, 1413, 1424
Soup Ladles—
Aluminum 1443
Polar, Blue and White.... 1407
Porcelain, White and White 1403

S

PAGE

Soup Ladles—*Continued.*
Royal Enameled 1415
Silver Plated .....
1685, 1688, 1692, 1696, 1699
Stamped Tin 1476
Soup Plates 1414
Soup Spoons 1669
Soup Stock Pots....1412, 1423, 1472
Soup Strainers—
Garnet Enameled 1424
Polar, Blue and White... 1407
Pieced Tin 1456
Stamped Tin 1476
Sou'westers 2134
Spacing Punches 237
Spade Brackets 426
Spade Handles 417, 418
Spade Steps—Tiling 460
Spades—
Butter 1216
D Handle 454
Ditching 460
Draining 459
German 455, 456
Long Handle 455
Post 460
Tiling 460
Vaterland 456
Spading Fork Ferrules 418
Spading Fork Handles 417
Spading Forks 405
Spark Cloth 474
Spark Plugs 878, 1969
Spatulas—Knives 1669
Spauling Hammers 45
Spear Handles—Fish 2130
Spears—
Fish 2130
Frog 2130
Specialties—Bucktail 2109
Speed Attachments—Surface 238
Speed Indicators 238
Spelter 2277
Speying Needles 1128
Spice Boxes 1215
Spice Cabinets 1215
Spice Scoops 1480
Spiders—
Cast .....1485 to 1487
Steel 1490
Spike Gimlets 129
Spike Maul Handles 53, 55
Spike Mauls—Railroad 47
Spike Rod 2355
Spikes—
Barge 1009
Boat 1009
Railroad 1009
Street Railway 1009
Wire 1006
Spindles—
Closet Knob 813
Door Knob 813
Spinners—
Bass 2108, 2120, 2121
Muscallonge 2106
Pearl 2122
Tandem 2108
Trout 2120, 2122, 2123

S

PAGE

Spinning Wheels 1218
Spiral Screw Drivers..... 113
Spittoons—
Garnet Enameled 1427
Japanned 1438
Nickel Plated 1453
Royal Enameled 1419
Wrought Steel 1438
Splices—Trace 678
Splicing Tape 877
Split Rings 2128
Split Shot Sinkers 2126
Splitters—Nut 324
Splitting Knives 1672
Splitting Shears 313
Spoke Pins—Cyclometer 1974
Spoke Pointers 117
Spoke Shave Cutters 147, 148
Spoke Shaves—
Carpenters' 148
Coopers' 147
Iron 148
Wood 148
Spoke Trimmers 117
Spokes and Nipples—Bicycle.... 1966
Sponge Cake Pans...1414, 1424, 1457
Sponge or Egg Beaters—Hotel.. 1473
Sponge Holders 1174
Sponge Kettles—Hotel 1472
Spool Wire 2279, 2280
Spoon Bits 129
Spoon Hooks .....2098, 2100 to 2106
Spoons—
Aluminum 1443, 1701
Attachable 2097
Baby ..1685, 1689, 1692, 1696
Bass 2122
Basting—
Aluminum 1443
Garnet Enameled 1425
Polar, Blue and White. 1407
Porcelain, White and W. 1403
Retinned 1481
Royal Enameled 1415
Wood 1214
Berry, Silver Plated..1685,
1688, 1692, 1696, 1699
Berry, Sterling 1700
Bouillon .....
1683, 1686, 1690, 1694, 1698
Cake Mixing 1425, 1481
Casting .....
2097, 2099, 2109, 2121
Chafing Dish 1449
Dessert .....
1682, 1683, 1686, 1688,
1689, 1693, 1697, 1700, 1701
Five O'clock Tea .....
1689, 1693, 1697
Fly 2098, 2122
Grape Fruit .....
1683, 1686, 1689, 1693, 1697
Ice Tea 1694
Kitchen 1481
Minnow 2109
Mixing 1425, 1440
Mixor 1214
Moulders' .....250 to 252
Muscallonge 2106

S

PAGE

Spoons—*Continued.*
- Nickel Silver 1701
- Orange 1683, 1686, 1689, 1693, 1697
- Post 459
- Slotted 1440, 1481
- Soup 1689, 1693, 1697
- Sterling Silver 1700
- Strainer 1481
- Table 1682, 1683, 1686, 1688, 1689, 1693, 1697, 1700, 1701
- Tea 1682, 1683, 1686, 1688, 1689, 1693, 1697, 1700, 1701
- Tea Ice 1694
- Tinned 1701
- Trolling ...2098, 2100 to 2106
- Trout Fly 2122, 2123
- Wooden 1214

Sporting Boots 2135
Sporting Cartridges .....1835 to 1839
Sportsman's Hatchets 16, 17
Spouts—
- Oiler .....1270 to 1272
- Sap 1464

Spray Nozzles 435
Spray Pumps 435
Sprayers—
- Plant 433, 434
- Tree 435

Spread Rollers 682
Spread Straps 646
Spreader Terrets—Line 682
Spreaders—Individual Butter ... 1679, 1684, 1690, 1694, 1698
Spring Balances 1106, 1107
Spring Bolt Sockets—Window... 942
Spring Bolts 919
Spring Bolts—Window 942
Spring Brass 2278
Spring Brass Wire 2279
Spring Butts—Double Acting..... 904
Spring Calipers 220, 233
Spring Cotters 2376
Spring Dividers 233, 234
Spring Exercisers—Racine 2156
Spring Hinges—
- Double Acting 903, 904
- Floor .....904 to 906
- Screen Door 907
- Show Case 907
- Single Acting 907

Spring Punch Tubes 136
Spring Punches 136
Spring Shade Roller Brackets... 1178
Spring Staples—Bed 1000
Spring Steel 2350
Spring Steel Wire 2279
Spring Twine 1127
Springs and Checks—Door..... 909 to 912

Springs—
- Bicycle Saddle 1962
- Bird Cage 1276
- Check .....909 to 912
- Check Rein 682
- Clipper 1644
- Door .....877, 909 to 913

S

PAGE

Springs—*Continued.*
- Door Checks and..909 to 912
- Lock 814
- Seat 2384
- Screen Door 913
- Tree Pruner 425
- Window 942
- Wrench 293

Sprinkler Roses 1484
Sprinklers—
- Galvanized 1428
- Lawn 433
- Pieced Tin 1460
- Plant 433, 434

Sprinkling Nozzles 435
Sprouters—Oats 523
Sprouting Hoes 410
Sprouting Hoe Handles 410
Spuds—
- Bark 493
- Cedar 494
- Dandelion 415
- Tabacco 423

Square Attachment 224
Square Bastard Files 282
Square Bolts 919
Square Edger 248
Square Face Hammers 92
Square Horse Blankets 666
Square Iron 2351, 2355
Square Lamps 1259
Square Levels 201
Square Nuts 2368
Square Pan Folders 2296
Square Pan Formers 2296
Square Pan Swedges 2296
Square Pan Turners 2296
Square Screw Hooks 986
Square Stakes 2296
Square Steel 2352
Square Trowels 250
Squares—
- Bridge Builders' 190
- Caliper 225
- Combination 193, 223
- Double 225
- Framing 190
- Halter 677
- Hemlock 1129
- Iron 190
- Machinists' 225
- Micrometer 225
- Mitre 193
- Oak 1129
- Protractor 193
- Rafter 191
- Steel 190, 191, 225
- Take-Down 191
- Try and Mitre 192
- Try, Bevel 193
- Try, Carpenters' 192
- Try, Machinists' 225

Squaring Shears.....2282, 2286, 2287
Squeezers—
- Cap 2257
- Lemon 1171

Squeezing Tongs 2294
Squirrel Cages 1276
Stable Blankets 667

S

PAGE

Stable Forks 403
Stable Mangers 699
Stable Sheets 664
Staging Twine 2140
Stallion Bridles 630
Stallion Harness 608
Sair Builders' Saws 77
Stair Gauge Fixtures 238
Stair Rods 1178
Stake Irons—Wagon 2385
Stakes—
- Beakhorn 2295
- Bevel Eye Square..... 2296
- Blowhorn 2295
- Bottom 2295
- Candle Mould 2295
- Conductor 2295
- Coppersmiths' Square ... 2296
- Creasing 2295
- Double Seaming 2295, 2296
- Hatchet 2296
- Hollow Mandrel 2295
- Mandrel 2295
- Needle Case 2295
- Round Head 2296
- Square 2296
- Stove Pipe Mandrel..... 2295
- Tea Kettle 2296

Stalls—Finger and Thumb..... 444
Stamped Tinware .....1474 to 1481
Stanchion Irons 516
Stanchions—Cattle 515, 516
Standard Measures 1417
Standard Steel Wire Nails.1002 to 1006
Standard Vises 297
Standards—Tinners' Machine ... 2285
Standing Seam Roofing..... 2256
Stands—
- Automobile Storage 505
- Bicycle 1966
- Coffee Pot 1221
- Cooler 1166
- Fish Rod Display..... 2051
- Ink 1557
- Ironing Boards and..... 1203
- Sad Iron 1194
- Shoe Lasts and..... 1132
- Tea Pot 1221
- Wheel Truing 1966
- Wringer 1201

Staple Pullers—Fence 467
Staples—
- Bar 2385
- Bed Spring 1000
- Blind 1000
- Butter Tub 1000
- Doubletree 2386
- Electricians' 877
- Fence 468
- Hame 695
- Hasps and 900
- Hasps, Hooks and..... 900
- Hooks and 900, 901
- Hoop 1000
- Keg 1000
- Netting 1000
- Poultry Netting 1000
- Rings and 901

S

PAGE

Staples—*Continued.*
Tub 1000
Wire Cloth 997
Wrought Steel 901
Star Pattern Drills..... 132
Starrett's Tools .....222 to 238
Starters—
Hip Shingle 2258
Ridge and Hip Tile..... 2261
Starts—Hame 676
Stationary Bottom Vises..295 to 299
Stationary Forges 306
Stave Barrows 486
Stave Baskets 449
Stave Knives 146
Stay Rollers—Barn Door 962
Stays—Front and Winker..... 631
Steak Hammers 1139
Steak Knives 1670
Steakgreiths 1140
Steam Cookers 1471
Steam Egg Poachers 1471
Steamer Trunks 2020
Steamers—
Pieced Tin 1456
Royal Enameled 1413
Steel—
Angle 2353
Annealed Sheet 2253
Band 2352, 2354
Bar 2352
Bevel Box 2352
Cant Hook 2355
Channel 2353
Cold Rolled Sheet..... 2253
Corrugated ..... .2255
Crucible 2355
Cultivator 2355
Drill Rod 2357
Galvanized Sheet 2254
German Plow 2355
Half Oval 2252
Half Round 2352
Hoop 2354
Machinery 2356
Oval 2352
Planished Sheet 2254
Plow 2355
Round 2352
Seeder 2355
Shafting 2358
Sheet 2253, 2254
Sheet, Tool 2357
Sleigh Shoe 2359
Soft or Mild..... 2352
Spring 2356
Square 2352
Stove Pipe 2253
T 2353
Tank Sheet 2253
Tire 2356
Toe Calk 2356
Tool 2357
Universal Mill Plate..... 2352
Wagon Box 2352
Wide Flats 2352
Steel Barrels—Gasoline 1266
Steel Barrows .....483 to 486
Steel Belt Lacing 2379

S

PAGE

Steel Bench Planes 160
Steel Bicycle Balls 1966
Steel Ceiling .....2263 to 2270
Steel Clamps—Tool Makers' 230
Steel Corners—Pressed 2262
Steel Cut Nails 1007, 1008
Steel Cutters and Bob Shoes.... 2359
Steel Duck Boats 2148
Steel Fishing Rods .....2057 to 2062
Steel Handle Wrenches 286
Steel Hooks 970
Steel Letters and Figures..... 1134
Steel Oilers .....1270 to 1272
Steel Pens 1568
Steel Polish 1568
Steel Rod Shorteners 2063
Steel Rod Trimmings 2059
Steel Roofing .....2255 to 2257
Steel Rules 206, 222
Steel Scrapers 179
Steel Shafting 2358
Steel Shelves 972
Steel Siding 2262, 2263
Steel Snatch Blocks 497
Steel Squares 190, 191, 225
Steel Tackle Blocks 496, 497
Steel Tapes 210
Steel Track—Show Case Sheave. 957
Steel Traps 1227, 1228
Steel Tray Barrows 486
Steel Trucks 481
Steel Wire 2279, 2280
Steel Wire Nails .....1001 to 1006
Steel Wire Spikes 1006
Steel Wool 1019
Steels—
Butchers' 1678
Table 1678
Steelyards 1107
Steepers—
Tea, Garnet Enameled.... 1420
Tea, Pieced Tin 1456
Tea, Polar, Blue and White 1405
Tea, Royal Enameled 1410
Stem Casters 977, 978
Stems—
Handle Bar 1961
Valve 1957
Valves and 1957
Stencil Brass 2278
Stencil Brushes 1134
Stencil Ink 1134
Stencil Letters and Figures—
Brass 1134
Stenciled Oilers 1271
Stel Ladders 1283
Step Nosing Planes..... 175
Steps—Tiling Spade 460
Sterling Silver Ware..... 1700
Stew Pans 1410, 1424, 1442
Sticking Knives 1670, 1671
Sticks—
Board 207
Candle 1438, 1462
Hockey 2005
Marking 207
Mop 1206
Shaving 1643
Yard 207

S

PAGE

Stiffeners—Heel 1131
Stirrer and Sampler—Milk and Cream 1466
Stitching Awls 151
Stock—Milk Can 1469
Stock Cabinets 1
Stock Pails 1429
Stock Pots—Soup ...1412, 1423, 1472
Stock Waterers 523
Stockings—Athletic 2173
Stocks—
Gun 1876
Screw Plate 321
Whip 691
Stocks and Dies—
Blacksmiths' 315
Green River 318, 319
Lightning 320, 321
Pipe 323
Pump Makers' 322
Superior 315
Stock Taper Reamers—Bit..... 131
Stone Barrows 488
Stone Cutters' Axes 45
Stone Cutters' Chisels 45
Stone Cutters' Hammers 45
Stone Cutters' Mallets 149
Stone Cutters' Points 45
Stone Cutters' Pitching Tools... 45
Stone Cutters' Tools 45
Stone Forks 406
Stone Hammers 46
Stone Hammer Handles 53, 55
Stone Masons' Hammers 46
Stone Picks 48
Stone Sledges 47
Stone Wire 2280
Stoners—Cherry 1147
Stones—
Axe 265, 267
Carborundum ...264, 265, 421
Emery Oil 266
Grind .....269 to 271
Kitchen 267
Mounted Kitchen 267
Oil 266
Scythe 421
Slips, Emery Oil..... 268
Slips, Oil 268
Stools—Camp 2161
Stop Adjusters—Window 939
Stop-a-Leke Styck 1019
Stop Blocks—Hay Carrier 438
Stop Screws and Washers..... 939
Stop Thread Gauges..... 228
Stoppers—Flue 1234
Stops—
Bench 154
Door 917
Flue 1234
Storage or Field Tanks..... 1266
Storage Stands—Automobile 505
Store Casters 983
Store Door Dead Locks—Rim... 757, 758
Store Door Handles 837
Store Door Handles and Latches 836

S

PAGE

Store Door Handles and Locks.. 823 to 836
Store Door Key Blanks 819
Store Door Mortise Locks 764
Store Fixtures .....1288 to 1294
Store Ladders 1284
Storm Aprons—Buggy 670
Storm Blankets—Lumbermen's . 688
Storm Doors—Combination 476
Storm Fronts—Buggy 670
Storm Horse Covers 668
Storm Sash Fasteners 914, 915
Storm Sash Hangers 914, 915
Storm Window Eyes 915
Stove Backs 1237
Stove Boards 1228A, 1228B
Stove Bolts 2364
Stove Brushes 1182
Stove Carrier Trucks 479
Stove Carriers 479
Stove Casters 479
Stove Cement 1242
Stove Cover Lifters 1236
Stove Covers 1237
Stove Dampers—Cook 1233
Stove Grates 1237
Stove Hollow Ware .....1485 to 1490
Stove Lining Cement 1242
Stove Lusta 1241
Stove Mats 1490
Stove Mica 1229
Stove Pans 1414, 1425
Stove Pipe 1230
Stove Pipe Beaders 2289
Stove Pipe Caps 1230
Stove Pipe Collars 1233
Stove Pipe Crimpers 2289
Stove Pipe Crimpers and Beaders 2289
Stove Pipe Cylinders 1231
Stove Pipe Dampers 1233
Stove Pipe Elbows 1231
Stove Pipe Formers 2290
Stove Pipe Mandrels 2289
Stove Pipe Registers 1232
Stove Pipe Rings 1233
Stove Pipe Sheet Steel 2253
Stove Pipe Thimbles 1231
Stove Pipe Wire 2280
Stove Pipe Casters 479
Stove Pokers 1236
Stove Polish .....1240 to 1242
Stove Putty 1242
Stove Scrapers 1236
Stove Shakers 1236
Stove Shovels 1235
Stove Tools 250
Stove Trucks 479
Stoves—
Air Tight 1247
Alcohol 1244
Camp 2154
Gasoline 1252
Hot Blast Heating..1247, 1248
Lamp 1243
Laundry 1249
Oak Heating 1249
Oil Cooking 1250, 1251
Oil Heating 1245, 1246
Pocket 1244

S

PAGE

Stoves—*Continued.*
Tinners' .....2297 to 2300
Wick Blue Flame Oil.1250, 1251
Wickless Blue Flame Oil.. 1251
Straight Cups—
Polar, Blue and White... 1407
Porcelain White and White 1403
Royal Enameled 1416
Stamped Tin 1477
Straight Edges—
Machinists' 223
Saw Makers' 92
Tinners' 2297
Straight Pein Hammers 36, 37
Straight Pots 1406, 1412, 1423
Straight Shank Drill Bits 127
Straight Trimmers 1650, 1651
Strainer Cloth 1484
Strainer Pails 1463, 1464
Strainer Plates—Sink 524
Strainer Spoons 1481
Strainers—
Bowl 1222
Chinese, Hotel 1473
Coffee, Wire 1222
Conductor 2276
Extension 1222
Gravy, Pieced Tin..... 1456
Gravy, Stamped Tin..... 1476
Handy, Royal Enameled.. 1415
Hotel 1473
Jelly 1476
Milk Can 1466
Milk, Pieced Tin 1456
Milk, Stamped Tin 1466
Sink 524, 1403
Soup, Garnet Enameled.. 1456
Soup, Polar, Blue and White 1406
Soup, Stamped Tin..... 1476
Spout 1222
Tea 1445
Tea, Wire 1222
Wire 1222
Wire Extension 1222
Wood Handle 1222
Strand Rope 508
Strap Hinges 888, 898, 899
Strap Slides—Breast 676
Strapping—Box 469
Straps—
Bait Box 2139
Breast 642
Buggy Back with Crupper. 640
Collar 643
Cow Bell 520
Halter Tie 648
Hame 644
Hammer 2383
Hitch 648
Lazy 643
Linemen's Climber 263
Side 644
Skate 2004
Sling 1859
Spread 646
Team Back and Hip..... 639
Team Back and Crupper.. 640

S

PAGE

Straps—*Continued.*
Team Bit 632
Trout Basket 2139
Wagon Box 2383
Weight 648
Straw Board 1016
Strawberry Hullers 1146
Street Brooms 1188
Street Lamp Burners 1261
Street Lamp Globes 1263
Street Lamps 1259
Street Railway Spikes 1009
Stretchers—
Barbed Wire 465
Carpet 42
Curtain 1204
Fence Wire 466
Woven Wire Fence..... 466
Strikes—Lock 814
Striking Bag Bladders 2200
Striking Bag Gloves 2199
Striking Bag Platforms 2200
Striking Bag Swivels 2199
Striking Bags 2198, 2199
Striking Hammers 46
Stringers—
Fish 2129
Ham 1141
String Pants—Oiled 2134
String Tags 1559
Strip Tin 2277
Strips—
Leather 1130
Weather 478
Stroppers—Razor 1636
Strops—Razor.....1633, 1637 to 1639
Structural Rivets 2371
Structural Steel Angles..... 2353
Structural Steel T's..... 2353
Stubs—Trolling 2063
Stucco Brushes 1185
Studs—Belt 2377
Stuffer Attachments 1143, 1144
Stuffers—Sausage 1145
Sturgeon Fish Lines..... 2075
Styck—Stop-a-Leke 1019
Suds Dippers 1460
Sugar Beet Forks 412
Sugar Beet Hoes 412
Sugar Beet Tools 412
Sugar Bowls—Porcelain White and White 1402
Sugar Boxes 1434
Sugar Kettles 521
Sugar Shaker 1445
Sugar Shells—
Silver Plated.1682, 1694, 1687, 1688, 1690, 1694, 1698
Sterling Silver 1700
Sugar Tongs 1690, 1695, 1698
Sugar Triers 1141
Suit Cases.....2021 to 2023, 2026
Suits—Base Ball 2171, 2172
Sulkies 2009
Sunshade Hats 2132
Supplemental Chambers 1840
Supplementary Saw Handles.... 90

S

PAGE

Supporters—
- Abdominal 2176
- Ankle 2003, 2176
- Athletic 2175
- Hammock 2170
- Wrist 2176

Supports—
- Porch 972
- Rein 684

Surcingles 670
Surface Chest Handles 934
Surface Door Butts 883
Surface File Holders 285
Surface Floor Hinges 905, 906
Surface Gauges 231
Surface Speed Attachments 238
Surrey Harness 611
Surveying Instruments....239 to 241
Surveyors' Compasses 240
Surveyors' Transits 239
Suspensories 2175
Swage Bars—Saw Makers' 92
Swage Blocks 312
Swage Hammers—Sawmakers' .. 92

Swages—
- Bar 92
- Blacksmiths' Bottom 325
- Blacksmiths' Top 325
- Saw 96

Swamp Hooks 492
Sweat Pad Hooks 684
Sweat Pads 655, 656

Swedges—
- Creasing 2296
- Cullender 2296
- Square Pan 2296

Sweepers—Carpet 1191
Sweeping Lavo 1190

Swings—
- Lawn 2162, 2163
- Porch 2158

Swinging Fence Match Planes... 166
Switches—Base 877
Swivel Bottom Vises.....295 to 299
Swivel Chairs 2148
Swivel Clevises 2388
Swivel Pulleys 949
Swivels or Gag Runners..... 680

Swivels—
- Box 2128
- Chain 2387
- Fish Line 2128
- Lariat 2387
- Striking Bag 2199

Syrup Cans 1464
Syrup Pitchers 1402

T

T Bevels—Sliding 193
T Hinges .....897 to 899
T Joints 1230
Table Butts 887
Table Clamp Vises 295
Table Cutlery .....1663 to 1665
Table Forks—Sterling Silver ... 1700
Table Hinges 887
Table Knives and Forks....1663, 1664

T

PAGE

Table Knives Only 1665
Table of Poultry Netting 473
Table of Sash Weights 946

Table Spoons—
- Aluminum 1701
- Nickel Silver 1701
- Silver Plated..1682, 1683, 1686, 1688, 1689, 1693, 1697
- Sterling Silver 1700
- Tinned 1701

Table Steels 1678
Tables and Weights ....2389 to 2396

Tables—
- Camp 2161
- Sash Weight 946
- Weights and ....2389 to 2396

Tablets—
- Figuring 1555
- Scoring 2195

Tack Assortments—Carpet 997
Tack Claws 42
Tack Hammers 41
Tack Pullers 42
Tackle—Fishing .....2051 to 2157
Tackle Assortments—Fishing ... 2125
Tackle Block Sheaves 499
Tackle Blocks .....495 to 497
Tackle Boxes 2136, 2137
Tackle Pulleys 951, 952

Tacks—
- Assortment 997
- Badger State Carpet 997
- Bill Posters' 998
- Carpet 996, 997
- Cheese Box 998
- Copper 996
- Cut 998
- Double Pointed 997
- Gimp .....996 to 998
- Numbering 915
- Plymouth Rock Carpet.... 997
- Shoe 999
- Standard Carpet 997
- Steel, Carpet 997
- Thumb 1177, 1560
- Upholsterers' 998
- Wire Carpet 997

Tags—
- Shipping 1558
- String 1559

Tail Screws 155
Tail Ties—Horse 684
Tailors' Geese 1194
Tailors' Sad Irons 1194
Tailors' Shears 1652
Take-Down Steel Squares 191
Tamers—Hog 517
Tampers—Cement Workers' 248
Tamping Picks 51
Tandem Hooks 2098
Tandems—Frog 2097
Tanged Firmer Chisels 138, 144
Tanged Firmer Gouges 144
Tanged Turning Chisels 144
Tanged Turning Gouges 144
Tank Heaters 522
Tank Lugs 2359
Tank Sheet Steel 2253

T

PAGE

Tanks—
- Field or Storage..... 1266
- Gasoline 1266
- Oil 1266

Tap and Wire Gauge 242
Tap Borers 1138
Tap Lifts 1129
Tap Soles 1129
Tap Wrenches 236, 321
Tape Lines .....209 to 211
Tape Measures .....209 to 211
Taper Files 281
Taper Gauges 229
Taper Joints 1230
Taper Reamers 131
Taper Pin Reamers 131
Taper Shank Drill Bits..... 127
Taper Taps 322
Taper Torches 1262
Tapered Seines 2146

Tapers—
- Rod 2068
- Wax 1262

Tapes—
- Engineers' 211
- Measuring .....209 to 211
- Metallic 209
- Pocket 211
- Steel 210
- Tire 1958

Tape Hooks 211
Tapped Nuts 2367, 2368

Taps—
- Bottoming 322
- Machinists' Hand 322
- Pipe 323
- Plug 322
- Screw Plate 322
- Taper 322

Tap Cases 1293
Tap Wrenches—Adjustable 320
Taps, Dies and Holders..... 320
Tar—Pine 699
Target Pistols 1824, 1827
Target Rifles .....1818 to 1821

Targets—
- Air Rifle 1822
- Blue Book 1866
- Flying 1866
- Gallery 1866

Tarred Board 1016
Tarred Felt 1016
Tea Ball Tea Pots..... 1446
Tea Canisters 1434
Tea Kettle Bottoms 2277
Tea Kettle Ears 1484
Tea Kettle Stakes 2296

Tea Kettles—
- Aluminum 1439, 1441
- Cast Iron .....1485 to 1488
- Garnet Enameled 1421
- Nickel Plated 1451
- Polar, Blue and White.... 1405
- Porcelain, White and White 1401
- Range 1451
- Royal Enameled 1409, 1410

Tea Pot Stands 1221

T

PAGE

Tea Pots—
- Aluminum 1439, 1441
- Garnet Enameled 1420
- Nickel Plated 1446
- Pieced Tin 1455
- Polar, Blue and White.... 1405
- Porcelain, White and White 1401
- Royal Enameled 1409

Tea Scales 1112

Tea Spoons—
- Aluminum 1701
- Ice 1694
- Nickel Silver 1701
- Silver Plated..1682, 1682, 1686, 1688, 1689, 1693, 1697
- Sterling Silver 1700
- Tinned 1701

Tea Steepers—
- Garnet Enameled 1420
- Pieced Tin 1456
- Polar, Blue and White.... 1405
- Royal Enameled 1410

Tea Strainers 1222, 1445

Tea Trays 1434

Team Back and Hip Straps..... 639

Team Bit Straps 632

Team Breeching 639

Team Bridles 629, 630

Team Crowns 632

Team Cruppers 640

Team Face Pieces 632

Team Fly Nets 661, 662

Team Harness 620, 621, 626

Team Lines 635

Team Pads 645

Team Throats 632

Team Traces 636

Team Whips 691

Tee Hinges .....897 to 899

Tees—
- Steel 2353
- Structural Steel 2353

Telegraph Shovels 459

Telephone Wire 2280

Telescopic Pumps—Bicycle 1973

Telescopic Steel Rods 2059, 2060

Telescopes—Traveling 2026

Tenderers—Meat 1140

Tension Bolts 469

Tent Cots 2161

Tents—
- Children's 2153
- Miners' 2152
- Tepee 2153
- Umbrella 2153
- Wall 2152
- Wedge 2153

Tepee Tents 2153

Terne Plate 2251

Terne Wasters 2251

Terrets 680

Terrets—Line Spreader 682

Test Indicators 231

Test Weights 1108

Testers—
- Battery and Bulb..... 1968
- Center 232
- Flax Seed 1116
- Grain 1108

T

PAGE

Thermo-Cell Sad Irons 1193

Thermometer Assortments..1195, 1196

Thermometers 1195, 1196

Thickness Gauge 229

Thimbles—
- Chimney 1231
- Rope 674
- Stove Pipe 1231
- Wire Rope 509

Thinning Hoes—Beet 412

Third Seats 2160

Thistle Cutters 415

Thread Calipers 233, 234

Thread Gauges 228

Thread—Shoe 1131

Threaded Felt 1016

Threaded Nuts 2367, 2368

Thumb Brakes 2173

Thumb Latches 838, 839

Thumb Nuts 2386

Thumb Scoops 1480

Thumb Slide Rules 222

Thumb Stalls 444

Thumb Tacks 1177, 1560

Ticket Punches 137

Tie Guides 2066, 2067

Tie Out Chains 513

Ties—
- Bale 469
- Cattle 515
- Cow, Chain 514
- Cow, Rope 515
- Halter 515
- Horse Tail 684

Tighteners—Corn Shock 441

Tile Barrows 488

Tile Blocks 2260

Tile Cutting Nippers 260

Tile Starters 2261

Tile Trimmings 2261

Tile—
- Hip 2261
- Ridge 2261
- Roof 2261

Tiling Spade Handles 418

Tiling Spade Steps 460

Tiling Spades 460

Tiling Tools 249

Till Keys 871

Till Locks .....862 to 864

Tills—Alarm 1287

Tiller Handles 61

Tilting Levels—Architects' 239

Timbale Irons 1489

Timber Grapples 492

Time Books 1554

Timers—Egg 1445

Tin—
- Bar or Strip 2277
- Bright 2252
- Cheese Vat 2252
- Continuous Roofing 2251
- Milk Can 2252
- Perforated 1484
- Pig 2277
- Roofing 2251
- Strip 2277

Tin Plate 2251, 2252

Tin Shingles 2258

T

PAGE

Tin Ware—
- Pieced .....1454 to 1465
- Stamped .....1474 to 1481

Tinned Knives and Forks 1682

Tinned Spoons 1701

Tinners' Awls 2305

Tinners' Chisels 2306

Tinners' Forges 306

Tinners' Furnaces .....2297 to 2300

Tinners' Groovers 2306

Tinners' Hammers 2305

Tinners' Machines .....2281 to 2294

Tinners' Mallets 149

Tinners' Nippers 261

Tinners' Punches ...2282, 2287, 2288

Tinners' Rivet Sets 2305

Tinners' Riveting Hammers 35

Tinners' Rivets 2370

Tinners' Rules 206, 2297

Tinners' Setting Hammers 35

Tinners' Snips 2303, 2304

Tinners' Solder 2277

Tinners' Stakes 2295, 2296

Tinners' Straight Edges 2297

Tinners' Tools .....2295 to 2307

Tinners' Tools and Machines.... 2281 to 2307

Tinners' Trimmings .....1482 to 1484

Tins—Perfection Cake 1479

Tinsmiths' Forges 306

Tips—
- Adamant 2066
- Agate 2065, 2066
- Angle 2066
- Casting 2066
- Double Hole 2065
- Ear 665
- Emergency 2063
- Fly 2065
- Offset 2065
- Ring 2065
- Rod 2063, 2065, 2066
- Three Ring 2065, 2066
- Trolling 2063
- Tube Rod 2065

Tire Balm 1976

Tire Bolts 2364

Tire Cement—Hard 1975

Tire Drills 312

Tire Fluid—Neverleak 1976

Tire Gauges 326

Tire Lacing Twine 1958

Tire Measuring Wheels 326

Tire Pressure Gauges 1973

Tire Saving Jacks—Automobile.. 505

Tire Steel 2356

Tire Tape 1958

Tire Valves and Stems 1957

Tires—
- Bicycle 1956, 1957
- Quick Repair 2011

Titelock Metal Shingles 2259

Titelock Shingle Trimmings 2259

Toasters—
- Bread 1224
- Electric 1449

Tobacco Cutters 1138

Tobacco Hatchets 423

Tobacco Scales 1116

T

PAGE

Tobacco Spuds 423
Toboggans 2016
Toe Calk Steel 2356
Toe Calks 2380
Toe Clips—Bicycle 1963
Toe Plates—
Pitchers' 2194
Shoe 2194
Toe Rings 493
Toilet Clipper Combs 1644
Toilet Clipper Parts 1644
Toilet Clippers 1644
Toilet Paper 1176
Toilet Paper Holders 1176
Toilet Pitchers—
Polar, Blue and White... 1408
Porcelain, White and White 1404
Royal Enameled 1418
Tom and Jerry Ladles..... 1440
Tongs—
Blacksmiths' 326
Bolt 326
Crimping 2305
Curling 1197
Eaves Trough Hanger.... 2274
Flanging 2257
Gad 326
Gutter 2294
Hog 517
Ice 1170
Pickup 326
Pipe 294
Roofing 2294
Skidding 493
Squeezing 2294
Sugar 1690, 1695, 1698
Tonguing Planes 165
Tool Bags—
Bicycle 1963
Bricklayers' 254
Masons' 254
Plasterers' 254
Tool Boxes 213, 214
Tool Brackets—Farming 426
Tool Cabinets 1, 213, 214, 215
Tool Cases—
Carpenters' 215
Machinists' 216
Tool Chests—
Boys' 212
Carpenters' Empty 216
Carpenters' Shoulder 215
Junior 212
Utility 212
Tool Display Cabinets 1
Tool Grinders 275
Tool Handles 153
Tool Handles, with Tools..... 150
Tool Holders 216
Tool Kits—Pocket Knife 1626
Tool Knives 1626
Tool Makers' Calipers 233
Tool Makers' Dividers 233
Tool Makers' Parallel Clamps... 230
Tool Makers' Steel Clamps..... 230
Tool Makers' Surface Gauges .. 231

T

PAGE

Tool Sets—
Combination 113, 224
Friction Drive 116
Utility 131
Tool Steel 2357
Tools—
Automatic Boring 112
Beading 249
Belt 2378
Box 44
Blacksmiths' Hand 325
Cement Workers'..247 to 249
Coopers' 146, 147
Corner 248
Cornering 181
Corrugating 248
Cotter Pin 132
Curb Gutter Finishing... 248
Dehorning 519
Finishing 248
Floral 414, 415
Garden 414, 415
Gutter 248
Handles with 150
Hay .....436 to 441
Heading 326
Lumbering .....491 to 494
Moulders' .....250 to 253
Nosing 168
Pitching 45
Radius 248
Reloading 1851, 1852
Repair, Bicycle Tire..... 1958
Roofing 2256, 2257
Rule 185
Sash 1186
Saw 96, 97
Saw Makers' 92
Starrett's .....222 to 238
Stone Cutters' 45
Stove 250
Sugar Beet 412
Tiling 249
Tinners' .....2281 to 2307
Tooth Brush and Glass Holders.. 1173
Tooth Brush Holders 1174
Tooth Gauges—Cleaner 98
Tooth Planes 174
Tooth Rasps—Horse 285
Toothpick Holders 1445
Top Fullers 325
Top Lifts 1129
Top Mauls 47
Top Swages 325
Topping Knives—Beet 412
Tops—
Chimney 1239
Emergency 2063
Percolator Glass 1447
Torches—
Blow 2301, 2302
Campaign 1462
Gasoline 1261
Taper 1262
Wall 1261
Tourist Sad Irons..... 1192
Tow Cards 694
Towel Bars 1175
Towel Racks 1175

T

PAGE

Towel Rollers 1204
Toy Sad Irons..... 1194
Trace Buckle Parts 679
Trace Buckles 678, 679
Trace Carriers 681
Trace Chains 511
Trace Connectors 675
Trace Dees 678
Traces—
Buggy Breast Collar and. 638
Double Driving 636
Logging 637
Pinery 637
Single Buggy 636
Team 636
Truck 637
With Hames 638
Traces Splices 678
Traces and Hames..... 638
Tracing Wheels 1197
Track—
Barn Door 962, 963
Fire Door 961
Hay Carrier 436, 437
Parlor Door 956
Rolling Shelf Ladder..... 1284
Show Case Sheave..... 957
Sliding Door 957
Track Bolts 2359
Track Bridles 628
Track Chisels 48
Track Jacks 506
Track Punches 48
Trammel Nets 2143
Trammel Points 186, 236
Trammels—Machinists' 236
Transfer Calipers 235
Transfer Binders—Ledger 1552
Transfer Cases—File 1557
Transits—
Builders' 240
Engineers' 239
Surveyors' 239
Transmission Grease 1269
Transom Catches 927
Transom Chains 944
Transom Lifters 943
Transplanters 442
Transportation Scales 1122
Trap Door Rings 901, 935
Trap Guns .....1806 to 1810
Trap Shooters' Shell Bags..... 1861
Traps—
Badger 1227
Bear 1228
Beaver 1228
Blue Rock 1806
Coon 1227, 1228
Coyote 1227
Fisher 1227
Fly 1220
Fox 1227, 1228
Game 1227, 1228
Gopher 1227
Jump 1227
Lynx 1227
Mink 1227, 1228
Minnow 2139
Mole 1226

T

PAGE

Traps—*Continued.*
- Mouse 1225
- Muskrat 1227
- Otter 1228
- Racoon 1227
- Rat 1226, 1227
- Skunk 1227
- Steel Game 1227, 1228
- Weasel 1227
- Wolf 1228

Traveling Bags 2024, 2025
Travelers—I-Beam 502
Trays—
- Cash Box 1435
- Comb and Brush..... 1175
- Crumb and Brush..... 1434
- Crumb and Scraper..... 1452
- Hotel 1435
- Knife 1214
- Nickel Plated 1452
- Round 1435, 1449
- Tea 1435, 1452

Treble Fish Hooks.....2096, 2109
Tree Holders—Christmas 1217
Tree Pruners 425
Tree Sprayers 435
Tricycles 2010
Triers—
- Butter 1141
- Cheese 1141
- Ham 1141
- Sugar 1141

Trimmers—
- Bent 1650, 1651
- Hedge 424
- Lawn 427
- Spoke 117
- Straight 1650, 1651

Trimmings—
- Bird Cage 1276
- Metal Shingle 2259
- Metal Tile 2259
- Milk Can 1470
- Rod 2059
- Steel Rod 2159
- Tile 2261
- Tinners' .....1482 to 1484
- Titelock Shingle 2259

Trip Cyclometers 1974
Trip Jacks 506
Trips—Door 877
Triumph Chain 509
Trolling Bait Assortments 2099
Trolling Lines 2075, 2076
Trolling Reels 2073
Trolling Sinkers 2126
Trolling Spoons...2098, 2100 to 2106
Trolling Stubs 2063
Trolling Tips 2063
Trot Lines 2140
Trotting Rolls 660
Trough—Eaves 2273
Trough Hangers—Eaves..... 2274
Trough Mitres—Eaves 2273
Trouser Guards 1963
Trouser Hangers 969
Trout and Bass Baits—Rubber..
2114, 2120, 2122
Trout Basket Straps 2139

T

PAGE

Trout Baskets 2139
Trout Flies .....2115 to 2117
Trout Fly Spoons 2122
Trout Spinners 2120, 2122, 2123
Trout Spoons 2122
Trowels—
- Brick 245
- Browning 243
- Cementers' 244
- Corner 246
- Finishing 243
- Garden 414
- Groover 247
- Gutter 248
- Jointer 247
- Moulders' 250
- Plastering 243
- Pointing 246
- Square 250

Truck Casters .....982 to 983
Truck Traces 637
Trucks—
- All-Round 482
- Bag 480
- Barbed Wire 482
- Barrel .....480 to 482
- Box 480, 481
- Hotel 480
- Nail Keg 482
- Platform 482, 483
- Railroad 480
- Steel 481
- Store 482
- Stove 479
- Warehouse 480, 481

Truing Stand—Wheel 1966
Trunk Bait Rod 2054, 2058
Trunk Fly Rod 2054, 2058
Trunk Keys 870
Trunk Locks 869
Trunk Nails 995
Trunks .....2017 to 2020
Try and Mitre Squares..... 192
Try Squares 192, 225
Tub Hoops 1213
Tub Soap Dishes 1173
Tub Staples 1000
Tubes —
- Bicycle Inner 1957
- Cistern Pump 525
- Decorating 1489
- Milking 519
- Spring Punch 136
- Wick, Oil Heater..... 1245

Tubs—
- Bath, Galvanized 1432
- Bath, Japanned 1437
- Foot, Galvanized 1432
- Foot, Garnet 1427
- Foot, Japanned 1437
- Foot, Royal Enameled.... 1419
- Wash, Cable 1213
- Wash, Dowel 1213
- Wash, Galvanized 1431
- Wash, Grained 1213
- Wash, Wooden 1213

Tubular Flash Lights.....
878, 879, 1970, 1971
Tubular Lanterns 1255, 1256

T

PAGE

Tubular Rivets 2374
Tubular Steel Barrows ...483 to 488
Tugs—
- Buggy Shaft 642
- Express Shaft 642
- Hame 641, 642

Tumbler Brushes 1181
Tumbler Holders 1223
Turf Edgers 415
Turks' Head Pans..... 1478
Turn Buckles 494, 2362
Turners—
- Cake 1473, 1482
- Square Pan 2296

Turning Chisels 144
Turning Gouges 144
Turning Hammers—Farriers' ... 40
Turning Machines .....
2281, 2282, 2284, 2285
Turning Saws 83
Turning Sledges 47
Turning Webs 89
Turns—Cupboard 928, 929
Tuyere Irons 307
Tweezers 1661
Twine Boxes 1128
Twine Holders 1128
Twine—Tire Lacing 1958
Twines—
- Bag 1127
- Cotton 1127
- Flax 1127
- Hemp 1127
- Mattress 1127
- Seine 2140
- Spring 1127
- Staging 2140
- Upholsterers' 1127
- Wool 1127
- Wrapping 1127

Twist Drill Grinding Attachments 275
Twist Drill Bits 127, 128
Twisted Fence Wire 468

U

Umbrella Pliers 255
Umbrella Tents 2153
Umbrellas—Wagon 664
Umpire's Body Protectors 2192
Umpires' Indicators 2195
Umpires' Masks 2193
Uniform Bags 2179
Uniforms—Base Ball 2171, 2172
Union Counter Scales..... 1113
Universal Bevel Protractors 227
Universal Bevels 228
Universal Dividers 236
Universal Mill Plates 2352
Unit Front Door Lock Set..... 822
Unit Night Latches 756
Upholsterers' Hammers 41
Upholsterers' Nails 1178
Upholsterers' Needles 1128
Upholsterers' Tacks 998
Upholsterers' Twine 1127
Upright Drills—Blacksmiths'.....
309, 310
Upright Pulleys 950

U

PAGE

Upright Rim Dead Locks...757, 758
Upright Rim Knob Locks...759, 760
Utility Grinders 276
Utility Measures 1459
Utility Tool Chests 212
Utility Tool Sets 131

V

V Crimp Roofing..... 2257
Vacuum Bottles 1869, 2133
Vacuum Carafes 1869, 2133
Valise Bait Rod..... 2054
Valleys—
  Roll 2257
  Titelock Shingle Trimming 2259
Valve Funnels 1452
Valve Leathers 525
Valve Parts 1957
Valve Stems 1957
Valves and Stems..... 1957
Valves—Bicycle 1957
Varnish Brush Assortment 1184
Varnish Brushes 1184
Varnish—Rod 2132
Vaterland Spades 456
Vat Tin—Cheese 2252
Vault Doors—Vestibule 1572
Vegetable Boilers 1224
Vegetable Cutters 1147
Vegetable Presses 1146
Vegetable Scales 1107
Vegetable Rinsers 1442
Vegetable Scoop Fork Handles.. 417
Vegetable Scoop Forks 406
Vegetable Scoops 459
Vegetable Skimmers 1224
Vegetable Slicers 1218
Velocipedes 2010
Veneer—Liquid 1240
Veneer Scrapers 178
Ventilating Plates 1015
Ventilator Frames—Chimney ... 1239
Ventilators—
  Chimney 1239
  Floor 1232
  Flue 1239
  Stove Pipe 1239
Veranda Chairs and Rockers.... 2160
Vernier Calipers 225
Vernier Depth Gauges..... 230
Vermont Counter Scales..... 1115
Vestibule Door Latch Sets.....
  766, 768, 771, 774, 777,
  780, 782, 785, 789, 793, 800
Vestibule Door Lock Sets—
  Arles Design 766
  Carvell Design 768
  Charlton Design 771, 772
  Douglass Design 774
  Gyros Design 777
  Hellas Design 780
  Lydian Design 782
  Magnolia Design 782
  Plain Design 788
  Regent Design 790
  Revere Design 792

V

PAGE

Vestibule Door Lock Sets—*Continued.*
  Sterling Design 796
  Warwick Design 799
  Wellington Design 801
Vestibule Vault Doors..... 1572
Vest Pocket Flash Lights.....
  878, 879, 1970, 1971
Vests—Hunters' 1858
Viscol 1860
Vise Assortments 295, 296
Vise Boxes and Screws..... 303
Vises and Anvils Combined..... 295
Vises—
  Anvil 302
  Assortments 295, 296
  Blacksmiths' 303
  Bolt Bottom 297
  Bonney's 295, 296
  Chain Pipe 301
  Cheney's 302
  Clamp .....295 to 297
  Coach Makers' 299
  Combination Anvil and... 302
  Combination Pipe 301
  Farmers' 296
  Filers' or Finishers'..... 298
  Filers' Saw 98, 99
  Hand 295
  Hinged Pipe 301
  Horse Shoers' 303
  Jersey 296
  Kit Pipe 301
  Machinists' 298, 299
  Massey's 299, 300, 302
  Oval Slide 296
  Parker's 298, 301
  Phoenix 295
  Pin 232
  Pipe 301
  Prentiss' 298
  Roller Nut 300
  Saw Filers' 98, 99
  Simpson 297
  Solid Box 303
  Standard 297
  Stanley 296
  Stationary Bottom..295 to 299
  Swivel Bottom ....295 to 299
  Table Clamp 295
  Woodworkers' 299, 300
Volley Balls 2208
Volt Ammeters 878, 1971

W

Wabash Steel Coaster Sleds..... 2016
Wabash Steel Sleds 2016
Wad Cutters 1853
Wading Boots and Pants..... 2135
Wads—Gun 1849
Waffle Irons 1489
Wagon Box Rivets 2372
Wagon Box Rods 2383
Wagon Box Strap Bolts 2383
Wagon Eveners 2381, 2382
Wagon Harness .....616 to 619
Wagon Jacks 505
Wagon Makers' Drawing Knives. 145

W

PAGE

Wagon Neckyokes 2381
Wagon Rub Irons 2384
Wagon Scales 1122, 1123
Wagon Sets 2381
Wagon Slings 440
Wagon Stake Irons 2385
Wagon Umbrellas 664
Wagons—
  Boys' Express 2011
  Coaster 2012, 2013
  Farm 2011
Walk Gates 471, 472
Wall Flashing—Corrugated End. 2258
Wall Hooks 1177
Wall Paint Brushes 1185
Wall Registers—Side 1015
Wall Safes .....1569 to 1571
Wall Scrapers 43
Wall Shelving 1290
Wall Soap Dishes—
  Bath Roo 1173
  Garnet Enameled 1427
  Polar, Blue and White... 1408
  Porcelain White and White 1404
  Royal Enameled 1418
Wall Tents 2152
Wall Torches 1261
Walls—Metal Side 2271
Wantage Rods 207
Warding Bastard Files..... 283
Wardrobe Locks 865, 866
Ware—
  Aluminum .....1439 to 1445
  Copper 1452, 1453
  Galvanized .....1428 to 1432
  Garnet Enameled.1420 to 1427
  Gray Enameled Hollow.. 1485
  Hollow .....1485 to 1490
  Hotel 1472, 1473
  Imperial 1485
  Japanned .....1433 to 1438
  Nickel Plated ....1446 to 1453
  Perfection 1479
  Polar Blue and White....
    1405 to 1408
  Porcelain White and White
    1401 to 1404
  Royal Enameled..1409 to 1419
  Silver Plated ....1679 to 1699
  Sterling Silver 1700
  Stove Hollow ....1485 to 1490
  Tin, Japanned ...1433 to 1438
  Tin, Pieced .....1454 to 1465
  Tin, Stamped ....1474 to 1481
  White and White, Enameled .....1401 to 1404
Warehouse Brooms 1190
Warehouse Scales 1121
Warehouse Trucks 480, 481
Warmers—Foot 1490
Warren Hose 409, 414
Wash Basins—
  Galvanized 1428
  Garnet Enameled 1427
  Polar Blue and White.... 1408
  Porcelain White and White 1404
  Royal Enameled 1418
  Stamped Tin 1477

W

PAGE

Wash Benches 1201
Wash Boards 1208, 1209
Wash Boilers—
Copper 1453
Galvanized 1431
Pieced Tin 1454
Wash Bowls and Pitchers—Royal Enameled 1418
Wash Bowls—
Galvanized 1428
Garnet Enameled 1427
Polar Blue and White..... 1408
Porcelain White and White 1404
Royal Enameled 1418
Stamped Tin 1477
Wash Tubs—
Galvanized 1431
Wooden 1213
Washer Cutters 137
Washer Well Points 526
Washers—
Axle 2380
Bicycle 1962
Cast Iron 2369
Clothes .....1209 to 1212
Hose 432
Knob 813
Lead 2255
Leather, Axle 2380
Lock 2376
Malleable 2369
Nipple 1966
Pounder 1212
Stop Screws and..... 939
Wrought Iron 2369
Washing Machines .....1209 to 1212
Waste Baskets 1558
Waste Cans—Oily 1430
Waste—Cotton 1127
Waste Paper Balers 1124
Wasters—Terne 2251
Watch Cases—Counter 1706
Watch Fobs—
Trout Fly 2115
Leather 1706
Washers 1706
Water Conductors 525
Water Coolers 1166
Water Cooler Stand 1166
Water Cut-Offs—Rain 2276
Water Dippers—
Aluminum 1444
Galvanized 1428
Garnet Enameled 1425
Pieced Tin 1460
Polar Blue and White..... 1408
Porcelain White and White 1403
Royal Enameled 1416
Stamped Tin 1476
Water Filters 1135
Water Pails—
Aluminum 1444
Fibre 1213
Galvanized 1429
Garnet Enameled 1426
Polar Blue and White..... 1408
Porcelain White and White 1404
Royal Enameled 1417
Wooden 1213

W

PAGE

Water Pitchers—
Garnet Enameled 1426
Polar Blue and White..... 1408
Porcelain White and White 1404
Royal Enameled 1418
Water Wings 2150
Waterers—Stock 523
Watering Pots—
Galvanized 1428
Pieced Tin 1460
Waving Irons 1197
Wax—Shoe 1131
Wax Tapers 1262
Weaners—
Calf 518
Cow 518
Yearling 518
Wear Irons 2386
Weasel Traps 1227
Weather Strips 478
Weaving Wire 2280
Web Halters 649
Web Saw Blades..... 89
Web Skate Straps..... 2004
Webs—Turning 89
Wedge Axes 12
Wedge Tents 2153
Wedges—
Axe 49
Coal 48
Hammer 49
Handle 49
Hatchet 49
Saw 48
Snath 419
Wood Choppers' 49
Weed Cutters 415
Weed Diggers 415
Weed Scythes 420
Weeders—
Beet 412
Garden 414
Weeding Hoes 409
Weeding Hooks 414
Weedless Fish Hooks 2095, 2096
Weedless Tandem Hooks 2098
Weed's Special Files..... 281
Weigh Books 1108
Weigh Can Gate Collars..... 1137
Weigh Can Gates 1137
Weight Chains—Hitching 513
Weight Straps 648
Weights and Tables.....2389 to 2396
Weights—
Approximate Screw 994
Decoy Duck 1866
Hitching 699
Practice Casting 2064
Register 1015
Sash 946
Scale 1108
Tables and .....2389 to 2396
Testing 1108
Welding Compound 2307
Well Buckets—Wooden 526
Well Chains 509
Well Points—
Drive 526
Washer 526

W

PAGE

Wheel Barrow Scales 1119
Wheel Barrow Wheels 486
Wheel Barrows .....483 to 488
Wheel Cages 1275
Wheels—
Bicycle Built-Up 1966
Carborundum 277
Coaster Wagon 2013
Corundum 278
Emery 277
Pipe Cutter 294
Pulley, Wash Machine..... 1211
Spinning 1218
Sulky 2009
Tire Measuring 326
Tracing 1197
Wheel Barrow 486
Whiffletree Braces 2386
Whiffletree Cockeyes 2386
Whiffletree Ferrules and Hooks. 2382
Whiffletree Hooks 2384, 2386
Whiffletree Irons 2382
Whiffletree Woods 2382
Whiffletrees—
Ironed 2381
Wagon 2381
Whip Assortments 688, 689
Whip Lashes 691
Whip Racks 691
Whip Saws 61
Whip Snaps 691
Whip Sockets 688
Whip Stocks 691
Whips—
Buggy .....688 to 690
Cream 1221
Egg 1222
Express 690
Harvester 691
Riding 690
Team 691
Whisk Brook Holders 1175
Whisk Brooms 1190
Whistles—
Bicycle 1964
Dog 1869
White and White Enameled Ware 1401 to 1404
Whitewash Brushes 1187
Wicket Locks 867
Wicking—Candle 1261
Wick Blue Flame Cook Stoves... 1250, 1251
Wickless Blue Flame Cook Stoves. 1251
Wicks—
Lamp 1261
Lantern 1261
Oil Heater 1245, 1246
Oil Stove 1250, 1251, 1261
Wick Tubes—Oil Heater 1245
Willow Waste Baskets..... 1558
Wide Flat Steel..... 2352
Winding Checks—Rod 2068
Winding Silk 2132
Window Adjusters—Casement .. 937
Window Bolts 916, 921
Window Brush Poles 1189
Window Brushes 1189

W

PAGE

Window Catches—
- French ... 928
- Screen ... 916

Window Cleaners ... 1189
Window Eyes—Storm ... 915
Window Fasteners—
- Casement ... 937
- Screen ... 916

Window Glass ... 1021
Window Screen Catches ... 916
Window Screen Fasteners ... 916
Window Screen Frames ... 477
Window Screen Hangers....914, 915
Window Screens ... 477
Window Sets—Basement ... 916
Window Spring Bolt Sockets.... 942
Window Spring Bolts ... 942
Window Springs ... 942
Window Stop Adjusters ... 939
Window Thermometers ... 1196
Window Ventilating Locks ... 940
Windsor Dippers....1408, 1416, 1425
Wine Presses ... 1146
Wing Calipers ... 220
Wing Dividers ... 221
Wings—Water ... 2150
Winker Braces—Round ... 631
Winker Stays ... 631
Wipers—Gun ... 1854
Wire—
- Annealed ... 2280
- Annealed on Spools... 2279
- Annealed Weaving ... 2280
- Assortment ... 2280
- Barbed Fence ... 467
- Brass on Spools... 2279
- Brass Spring ...2279, 2280
- Bright Steel Market... 2279
- Copper ...2279, 2280
- Copper on Spools... 2279
- Coppered Steel Market... 2279
- Coppered Steel Spring... 2279
- Drawn Special Steel... 469
- Fence ... 468
- Galvanized Iron ... 468
- Hair ... 2280
- Hard Brass ... 2280
- Insulated ... 877
- Manure Carrier ... 469
- Market ... 2279
- Picture ... 1177
- Plain Fence ... 468
- Retailers' Assortment ... 2280
- Soft Copper ... 2279
- Spooled ... 2279
- Spring Brass ... 2279
- Steel Spring ... 2279
- Stone or Weaving... 2280
- Stove Pipe ... 2280
- Telephone ... 2279
- Tinned Steel Market... 2279
- Twisted Fence ... 468

Wire Assortment—Retailers' ... 2280
Wire Bail Formers ... 2293
Wire Baskets ... 449
Wire Belt Lacing ... 2378
Wire Brads ... 1001
Wire Broilers ... 1224

W

PAGE

Wire Brushes—Scratch ... 1183
Wire Carpet Tacks ... 997
Wire Chisels ... 2306
Wire Cloth ... 474
Wire Cloth Screen ... 475
Wire Cloth Staples ... 997
Wire Cloth Table ... 2396
Wire Clothes Lines ... 1205
Wire Cutters and Bail Formers.. 2293
Wire Desk Baskets ... 1558
Wire Door Mats ... 975
Wire Fence Stretchers ... 466
Wire Gauge Table ... 2396
Wire Gauges ... 242
Wire Leaders ... 2124
Wire Lifters—Barbed Fence ... 467
Wire Nails ...1001 to 1006
Wire Netting ... 473
Wire Picture Cord ... 1177
Wire Ring Formers ... 2293
Wire Rope ... 508
Wire Rope Clips or Clamps... 509
Wire Rope Thimbles ... 509
Wire Scratch Brushes ... 1183
Wire Screw Eyes ...987, 988
Wire Screw Hooks ...984 to 986
Wire Spikes ... 1006
Wire Strainers ... 1222
Wire Stretchers ...465, 466
Wire Stretching Clamps ... 263
Wire Toasters ... 1224
Wire Waste Baskets ... 1558
Wires—Hose ... 432
Wiring Machines ... 2281, 2282, 2284, 2285
Wolf Traps ... 1228
Wood Bit Sets ... 126
Wood Bench Planes ... 173
Wood Bottom Planes ...157, 161
Wood Carvers' Knives ... 1626
Wood Choppers' Maul Handles.. 55
Wood Choppers' Mauls ... 47
Wood Choppers' Wedges ... 49
Woodchuck Traps ... 1228
Wood Faucets ... 1135
Wood Files ... 284
Wood Hand Screws ... 155
Wood Jacket Cans ... 1267
Wood Measures ... 207
Wood Planes ...173 to 176
Wood Preserver ... 1019
Wood Rasps ... 284
Wood Rim Cement ... 1975
Wood Rims—Bicycle ... 1966
Wood Rings ... 677
Wood Saw Blades ... 87
Wood Saw Frames ... 86
Wood Saw Rods ... 86
Wood Saws ...84, 85
Wood Screw Cutters ... 156
Wood Screws ...992, 993
Wood Snatch Blocks ... 496
Wood Spoke Shaves ... 148
Wood Tackle Blocks ... 495
Wood Tail Screws ... 155
Wood Top Ice Skates... 2003
Wooden Bowls ... 1216
Wooden Minnows ...2110 to 2112
Wooden Pails ... 1213

W

PAGE

Wooden Spoons ... 1214
Woods—
- Evener ... 2382
- Neckyoke ... 2382
- Pail ... 1484
- Singletree ... 2382
- Whiffletree ... 2382

Woodworkers' Routers ... 165
Woodworkers' Vises ...299, 300
Wool Cards ... 694
Wool Dusters ... 1183
Wool—Steel ... 1019
Wool Twine ... 1127
Workers—Butter ... 1216
Working Forms—Eaves Trough.. 2292
Worm Gangs ... 2114
Worms—
- Angle ... 2114
- Grub ... 2114

Wrapping Paper ...1125, 1126
Wrapping Twine ... 1127
Wrench Attachments ... 290
Wrench Chains—Pipe ... 294
Wrench Dies—Elgin ... 288
Wrench Frames—Pipe ... 293
Wrench Jaws—
- Elgin ... 288
- Pipe ...293, 294

Wrench Nuts—Pipe ... 293
Wrench Sets—Socket ... 287
Wrenches—
- Adjustable Engineers' ... 289
- Adjustable S ... 289
- Agricultural ... 286
- Alligator ... 290
- Always Ready ... 290
- Auto ...287, 291
- Bemis & Call's Combination ... 292
- Bicycle ... 1974
- Calk ... 494
- Carriage Makers' ... 291
- Chain Pipe ... 294
- Claw ... 292
- Coe's Genuine ... 286
- Cochran's Pipe ... 293
- Combination S ... 290
- Elgin ... 288
- Extras for ... 288
- General Purpose 291, 292
- In Sets ... 291
- Knife Handle ... 286
- Machinery, in Sets... 292
- Malleable Iron ...292, 2387
- New Elgin Adjustable... 288
- Nut ... 288
- Perfect Handle ...286, 289
- Perfect Handle Pipe... 293
- Pipe ...289, 292, 293
- P. S. & W. Co.'s... 286
- Railroad ... 286
- Ratchet ... 288
- S ... 289
- Sets ... 288
- Snath ... 419
- Steel Handle ... 286
- Stillson's Pipe ... 293
- Tap ...236, 320, 321

Y

Z

W

PAGE

Wrenches—*Continued.*
- Trimo Auto 287
- Trimo Pipe 293
- W. & B. Auto 287

Wringer Attachments 1202
Wringer Benches 1201
Wringer Clamps 1202
Wringer Cranks 1201
Wringer Rolls 1201
Wringer Stands 1201
Wringers—
- Bench 1200
- Clothes .....1198 to 1200
- Mop 1206

Wrist Bandages 2176

W

PAGE

Wrist Bands 447
Wrist Supporters 2176
Writing Fluid 1561, 1562
Writing Ink 1561, 1562
Writing Pens 1568
Wrought Brass Butts 888
Wrought Staples 901
Wrought Steel Butts .....880 to 887
Wrought Steel Hinges 887
Wrought Washers 2369

Y

Yard Sticks 207
Yarn—Lath 507

Y

PAGE

Yearling Weaners 518
Yokes—
- Neck 2381
- Wagon 2381

Z

Zig-Zag Rules 205
Zinc—
- Sheet 2278
- Slab 2277

Zinc Glaziers' Points 1021
Zinc Oilers 1270

DEPARTMENT No. 1

MECHANICS' AND EDGE TOOLS

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 1

MECHANICS' AND EDGE TOOLS

Axes Planes Saws Chisels Files
Hatchets Sledges Saw Sets Vises Automatic Drills
Adzes Bit Braces Screw Drivers Gouges Hand Drills
Hammers Auger Bits Drill Bits Breast Drills
Box Hooks Pliers Punches Awls Clamps
Box Scrapers Carving Tools Squares
Nail Pullers Cabinet Scapers Mitre Boxes
Boring Machines Plumb Bobs Rules
Manual Training Benches Levels Tapes
Tool Cabinets Autombile Kits Calipers
Starrett's Tools Wire Gauges Plastering Trowels
Moulders' Tools Coopers' Tools Pincers Oil Stones
Grind Stones Grinders Wrenches Forges
Screw Plates Bolt Cutters Blacksmiths' Tools

JOHN PRITZLAFF HARDWARE CO.
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C

Page

Chisels—*Continued.*
Socket Framing 139, 140, 142, 143
Stone Cutters' 45
Tanged 138, 144
Tanged Firmer Butt 138
Track 48
Turning 144
Chucks—Drill 113, 311
Chute Boards 189
Circular Flange—Moulders' 253
Circular Planes 164
Circular Saw Mandrels 58
Circular Saws ..... 58 to 60
Circumference Gauge 225
Circumference Rule—Tinners' 206
Clamp Handles—Tape 211
Clamp Heads 156
Clamps—
Adjustable 156
Cabinet Makers' 156
Carpenters', Door 156
Carriage Makers' 155
Door 156
Drill Block and 230
Haven 263
Key-Seat, Machinists' 223
Linemen's 263
Malleable Iron 155
Measuring Bar 232
Quilt Frame 155
Rule 223
Saw Filers' 98, 99
Tool Makers', Parallel 230
Tool Makers', Steel 230
Clapboard Gauges 186
Clapboard Markers 186
Claw Bars 52
Claw Hammers ..... 31 to 34
Claw Hatchets ..... 21 to 27
Claw Wrenches 292
Claws—
Nail 43
Tack 42
Cleaners—
File 285
Hoof 262
Cleaner Tooth Gauges 98
Climber Straps—Linemen's 263
Climbers—Linemen's 263
Clippers—Bolt 324
Coach Makers' Chisels 142
Coach Makers' Drawing Knives 145
Coach Makers' Vises 299
Coal Miners' Sledges 48
Coal Picks 51
Coal Wedges 48
Cold Chisels 132, 325
Column Slick—Moulders' 252
Combination Anvils and Vises 302
Combination Bevels 228
Combination Gauges 185
Combination Pipe Kits 322
Combination Pipe Vises 301
Combination Planes ..... 166 to 168
Combination Pliers ..... 257 to 259
Combination Sets—Starrett's 224
Combination Squares 223
Combination Squares and Mitres 193
Combination Stones 265
Combination Tool Sets 120
Combination Vises and Anvils 302
Combination Wrenches 290
Combination Punches and Shears 314
Compass Saw Blades 76, 77, 89
Compass Saw Handles 91
Compass Saws 77
Compasses—
Carpenters' 221
Pencil 221
Surveyors' 240
Conductor Punches 137
Connectors—Linemen's 263
Convex Pointer 249
Contractor Forges 305
Coopers' Adzes 147
Coopers' Axes 147

C

Page

Coopers' Drawing Knives 146
Coopers' Hammers 38, 46
Coopers' Hoop Drivers 147
Coopers' Scrapers 147
Coopers' Spoke Shaves 147
Coopers' Tools 146, 147
Coping Saw Blades 81
Coping Saws 81
Cordwood Saw 60
Core Box Planes 164
Cork Floats—Plasterers' 246
Corner Borer 105
Corner Braces 105
Corner Chisels 139, 141
Corner Slicks—Moulders' 253
Corner Tool 246
Cornering Tools 181
Corrugating Tool 248
Corundum Wheels 278
Cotter Pin Tools 132
Countersink Bits 113
Countersinks 113, 130, 131
Cove Planes 176
Cranks—Grindstone 271
Crate Openers 44
Crayons—
Railroad 195
School 195
Creasers—Blacksmiths' 325
Cross Cut Saw Files 284
Cross Cut Saw Handles 90
Cross Cut Saws ..... 62 to 69
Cross Pein Hammers 36, 37
Cross Test Levels 238
Cross Test Levels and Plumbs 238
Crow Bars 52
Curbing Edger 248
Cut of Files 279
Cut of Rasps 279
Cutters—
Bar Iron and Soft Steel 313
Bolt 324
Emery Wheel Dreser 278
Expansive Bit 125
Hand Beader 181
Pipe 294
Plane 167, 168
Plug 117
Screw 156
Spoke Shave 147
Washer 137
Wood Screw 156
Cutting Gauges 184
Cutting Nippers 260, 261
Cutter Grinders 181

D

Dado Planes 165, 174
Darbies—Plasterers' 246
Dehorning Saw Blades 89
Dehorning Saws 81
Depth Gauges 229, 230
Devices—Grinding 276
Diagonal Cutting Pliers 256
Dial Test Indicators 231
Diamond Point Chisels 132
Dies—
Blacksmiths' 315
Green River 321
Lightning 320, 321
Pipe Stock 323
Pump Makers' 322
Stocks and ..... 316 to 323
Disc Grinding Device 276
Display Cabinets—Tool 1
Dividers—
Angle 186
Bronze 235
Carpenters' 221
Extension 235
Machinists' 233, 234
Outside 233
Spring 233, 234
Starrett's ..... 233 to 236
Universal 236
Wing 221

D

Page

Dog Tail—Moulders' 252
Door Clamps 156
Door Trim Plane 165
Double Bitted Axe Handles 53, 57
Double Bitted Axes ..... 2 to 11
Double Calipers 220, 234
Double End Matching Plane 166
Double Ender Files 281
Double Squares 225, 252
Dovetail Saws 77
Dowel Bits 124
Doweling Jig 182
Drag Saws 60
Drainage Levels 240
Drawing Knives 145, 146
Dressers—Emery Wheel 278
Drifting Pick Eyes 51
Drifting Pick Handles 56
Drifting Picks 51
Drill Bits 127, 128
Drill Blocks and Clamps 230
Drill Braces 105
Drill Chucks 311
Drill Gauges 242
Drill Point Chucks 113
Drill Points 112
Drill Press—
Bench 308
Hand 308
Drill Sets 126
Drilling Attachments 111
Drilling Hammers 46
Drills—
Automatic 112
Bell Hangers' 128
Bench 308
Bit Stock 127
Blacksmiths' 128
Brace 127, 128
Breast 108, 109, 110
Brick 132
Hand 107, 108
Post 311
Ratchet 312
Star Pattern 132
Tire 312
Twist 127, 128
Upright 309, 310
Drive Way Groovers 247
Driver Bits—Screw 113
Drivers—
Coopers' 147
Hoop 147
Screw ..... 112 to 117, 237
Driving Hammers—Farriers' 40
Dumpy Levels 240

E

Edgers—Cement Workers' 247, 248
Edges—
Straight, Machinists' 223
Straight, Saw Makers' 92
Edge Trimming Plane 163
Egg Slicks—Moulders' 253
Electricians' Bits 128
Electricians' Screw Drivers 237
Electricians' Pliers 259
Elgin Wrenches 288
Emery Grinders 273
Emery Oil Slips 268
Emery Oil Stones 266
Emery Wheel Dresers 278
Emery Wheels 277
End Cutting Nippers 260
Engineers' Hammers 38
Engineers' Transit 239
Engineers' Tapes 211
Engineers' Wrenches 289
Expansive Bit Cutters 125
Expansive Bits 125
Extension Beam Trammels 236
Extension Bit Holders 106
Extension Dividers 235
Extension Rules 207

E

Page

Extensions—Bit Brace 106
Extras—
For Bailey Planes.....169, 170
For Elgin Wrenches..... 288
For Grindstone Fixtures... 271
FWor Mitre Boxes 187, 189
For Nested Saws..... 76
For Stanley Planes..169 to 172
Eye Glass Screw Drivers..... 237
Eyes—
Pick, Drifting 51
Pick, Railroad 51

F

Family Grindstones 271
Fancy Calipers 220
Fancy Wood Planes.....174 to 176
Farm Levels 241
Farmers' Anvils 303
Farmers' Forges 304
Farmers' Machine Punches 134
Farmers' Trowels 244
Farmers' Vises 296
Farriers' Hammers 40
Farriers' Knives 324
Farriers' Pincers 262
Felling Saws 62
Ferrules—
Brass 154
Chisel Handle 154
Fire Head Mallets..... 149
File Brushes 285
File Cards 285
File Cleaners 285
File Handles 153
File Holders 285
Filers' or Finishers' Vises..... 298
Files—
Acme Hand Saw..... 284
Auger Bit 285
Band Saw 284
Cabinet 284
Cant 284
Condensed Price List..... 280
Cross Cut Saws..... 284
Cut of 279
Description of 279
Double Ender 281
Flat Bastard 281
Flat Bastard, Second Cut.. 281
Flat Bastard, Smooth 281
Flat, Wood 284
Great American Saw..... 284
Half Round, Bastard 283
Half Round, Second Cut... 283
Half Round, Smooth 283
Half Round, Wood 284
Hand, Bastard 283
Hand, Second Cut 283
Hand, Smooth 283
Horse Tooth 285
Illustrations of 279
Knife Bastard 283
Knife Second Cut..... 283
Knife Smooth 283
List of 280
Mill Bastard 282
Mill Second Cut 282
Mill Two Round Edge.... 282
Pit Saw 284
Planer Knife 282
Round Bastard 282
Round Second Cutt 282
Saw, Cross Cut 282
Saw, Taper 281
Saw, Taper, Double Ender. 281
Side 96
Slim Taper 281
Square, Bastard 282
Square, Second Cut 282
Stubs' Taper 281
Taper 281
Warding Bastard 283
Warding Second Cut 283
Weed's Special Slim..... 281
Wood 284

F

Page

Filing Guides—Saw 98
Fillet Gauges 229
Filletster Planes 166, 174
Finishing Trowels 243, 250
Firemen's Handled Axes..... 19
Firm Joint Calipers.....234, 235
Firmer Chisels .....138 to 144
Firmer Gouges 139, 143
Fitting Hammers—Farriers' 40
Fixtures—
Grindstone 271
Stair Gauge 238
Flanges—Grindstone 271
Flange and Bead—Moulders'..... 253
Flange Lifter—Moulders' 253
Flanges—Moulders' 253
Flat Bastard Files..... 281
Flat Nose Pliers .....255 to 259
Flat Wood Files 284
Flatters—Blacksmiths' 325
Floats—Plasterers' Cork 246
Flooring Hatchets 25
Flooring Saws 78
Floor Planes 164
Floor Scrapers 179
Floor Scraping Machine Knives... 180
Floor Scraping Macahines 180
Flute—Moulders' 252
Folding Steel Rules..... 206
Folding Drawing Knives..... 145
Foot Power Grinders..... 273
Fore Planes...157, 159, 160, 173, 174
Fore Plane Handles 154
Forges—
Agricultural 304
Boilermakers' 306
Contractors' 305
Farmers' 304
Horse Shoers' 305
Iron Workers' 306
Machinists' 306
Portable .....304 to 306
Riveters' 306
Stationary 306
Tinsmiths' 306
Frames—
Bracket Saw 82
Buck Saw 86
Cabinet Saw 83
Hack Saw 78, 79
Pipe Wrench 293
Wood Saw 86
Framing Chisels 139
Framing Squares 190
Friction Drive Screw Drivers..... 116
Friction Drive Screw Driver Set... 116
Friction Drive Tool Set..... 116
Fullers—
Blacksmiths' Bottom 325
Blacksmiths' Top 325
Furring Planes 163

G

Gad Tongs 326
Garden Mattocks 50
Gas Pliers 257
Gate Cutters—Moulders' 251
Gauges—
Bit 181
Butt 183
Caliper 227
Center 228
Chisel 181
Circumference and Slide Rule Caliper 225
Clapboard 186
Cleaner Tooth Saw..... 98
Combination 185
Cutting 184
Depth 229, 230
Drill 242
Fillet 229
Jointer 182
Jobbers' Drill 242

G

Page

Gauges—*Continued.*
Lumber 242
Marking 184
Metal Bar 185
Micrometer Caliper 227
Micrometer Depth 230
Mortise 184
Music Wire 242
Panel 183
Pattern Makers' 185
Radius 229
Roller 185
Saw 98
Scratch 230
Screw Pitch 228
Set 98
Shingle 30
Slitting 183
Surface 231
Taper 229
Tap and Wire..... 242
Thickness 229
Thread 228
Tire 326
Twist Drill 242
Vernier 230
Wire 229, 242
Gauging Rods 207
Gem Scribers 221
General Purpose Wrenches....291, 292
Gimlet Bits 129
Gimlets—
Bell Hangers' 128
Double Cut 129
Metal Head 129
Nail 129
Spike 129
Glasses—Level 201
Gouges—
Carpenters' 139, 143
Firmer, Socket 139, 143
Firmer, Tanged 144
Long Paring, Socket..... 143
Millwrights' 143
Paring Socket 143
Tanged 144
Turning 144
Grains—Carborundum 265
Grinder Attachment 275
Grinder Head 276
Grinders—
Chisel 273
Emery 273
Foot Power 273
Sickle .....
Tool 275, 276
Utility 276
Grinding Devices 276
Grinding Machines .....272 to 276
Grindstone Arbors 271
Grindstone Fixtures 271
Grindstones—
Family 271
Kitchen 271
Loose 270
Mounted 269, 270
Power 270
Groover Trowels 247
Groovers—Cement Workers' 247
Grooving Planes 165
Grub Hoe Handles..... 55
Guides—Saw Filers' 98
Gummers—Saw 95
Gutter Tools 248
Gutter Trowels 248

H

Hack Saw Blades 88
Hack Saw Frames 78, 79
Hack Saws 78, 79
Hafts—Awl 152
Half Claw Hatchets 23
Half Hatchets .....21 to 26
Half Round Files 283
Hammer Handles 53, 54

H

Page

Hammer Head Points 45
Hammer Punches—Revolving 136
Hammer Wedges 49
Hammers—
Ball Pein 36, 37
Blacksmiths' Hand 38, 46
Boiler Makers' Riveting.... 39
Brad 41
Bricklayers' 39
Bush 45
Carriage Ironers' 38
Cast Iron 34
Claw .....31 to 34
Coopers' 38, 46
Cross Pein 36, 37
Double Faced 38
Drilling 46
Driving, Farriers' 40
Engineers' 38
Farriers' 40
Fitting 40
Hand Blacksmiths' 38
Hand, Drilling 46
Horseshoers' 40
Ladies' Brad 41
Machinists' 36, 37
Magnetic Tack 41
Masons' 46
Nail .....31 to 34
Plow 38
Prospecting 39
Ripping .....31 to 33
Riveting 35
Round Face 92
Rounding and Fitting..... 40
Saw Makers' 92
Set, Blacksmiths' 325
Setting 35
Shoemakers' 39
Spauling 46
Square Face 92
Stone 46
Stone Masons' 46
Straight Pein 37, 38
Striking 46
Swage 92
Tack 41
Tinners' Riveting 35
Tinners' Setting 35
Turning 40
Turning and Fitting..... 40
Upholsterers' 41
Hand Bastard Files 283
Hand Beaders 181
Hand Bellows 312
Hand Blowers—Blacksmiths' 307
Hand Drill Press 308
Hand Drills 107, 108
Hand Drilling Hammers 46
Hand Hack Saws 78
Hand Hammers—Blacksmiths' ... 46
Hand Ice Saws 61
Hand Saw Files 284
Hand Saw Handles 91
Hand Saw Kit 77
Hand Saws .....70 to 75
Hand Screws 155
Hand Taps 322
Hand Tool Case—Carpenters' 215
Hand Tools—Blacksmiths' ...325, 326
Hand Vises 295
Handle Wedges 49
Handled Axes—
Boys' 16
Men's .....13 to 15
Handled Brad Awls..... 152
Handled Post Mauls..... 49
Handled Smooth Planes.....161, 173
Handles—
Adze, Carpenters' 53, 56
Edze Eye Hammer.....53, 54
Adze, Ship 56
Auger 154
Awl 152
Axe 53, 57
Axe, Ship 56
Back Saw 91

H

Page

Handles—*Continued.*
Bench Hatchet 53, 54
Blacksmiths' Hammer ..53, 54
Box, for Pit Saws..... 61
Boys' Axe 53, 57
Brad Awl 152
Brad Hammer 54
Broad Axe 56
Butcher Saw 91
Chisel 153
Clamp 211
Compass Saw 91
Coopers' Hammer 54
Cross Cut Saw..... 90
Drifting Pick 56
Farriers' Hammer 54
File 153
Fore Plane 154
Grindstone 271
Grub Hoe 55
Hammer 53, 54
Hand Saw 91
Hatchet 53, 54
Hazel Hoe 55
Hoe 55
Hunter Hatchet 54
Jack Plane 154
Jointer Plane 154
Lathing Hatchet 54
Machinists' Hammer ...53, 54
Maul 55
One Man Saw..... 90
Pad Saw 89
Panel Saw 91
Peg Awl 152
Pick, Drifting 56
Pick, Poll 56
Pick, Railroad 55
Pit Saw 61
Plane 154
Poll Pick 56
Post Maul 55
Railroad Pick 53, 55
Riveting Hammer 53, 54
Round Eye Hammer..... 54
Saw 90, 91
Screw Driver 154
Sewing Awl 152
Shingling Hatchet 53, 54
Ship Adze 56
Ship Axe 56
Sledge 53, 55
Soldering Copper 153
Spike Maul 53, 55
Stone Hammer 53, 55
Supplementary Saw 90
Tape Clamp 211
Tiller 61
Tool 150, 153
Wood Chopper Maul..... 55
Hand Sickle Grinder..... 276
Handy Hand Saws 83
Handy Handle Hack Saws..... 78
Hardies—Blacksmiths' 325
Harness Awls 151
Harrow Disc Grinding Device..... 276
Harvester Section Grinding Device. 276
Hatchet Axe 28
Hatchet Handles 53, 54
Hatchet Wedges 49
Hatchets—
Barreling 28
Bench .....21 to 25
Broad .....21 to 25
Car Builders' 28
Cast Iron 27
Claw .....21 to 27
Claw, Half 23
Flooring 25
Half .....21 to 26
Hunters' 17
Lathing .....21 to 30
Shingling .....21 to 28
Sportsman's 16, 17
Haven Clamps 263
Hawks—Plasterers' 246
Hazel Hoe Handles 55

H

Page

Hazel Hoes 50
Heading Knives 146
Heading Tools 326
Heads—
Clamp 156
Grinder 276
Heart and Leaf—Moulders'..... 251
Heart and Spoon—Moulders'..... 252
Heart and Square—Moulders'..... 251
Heel Slick—Moulders' 251
Hermaphrodite Calipers 234
Hoe Handles 55
Hoes—
Grub 50
Hazel 50
Holders—
Bit 106
Extension Bit 106
File 285
Pencil 221
Tap and Die..... 320
Tool 216
Hollowing Knives 146
Hollows and Rounds.....167, 176
Hoof Cleaners 262
Hoof Nippers 262
Hoof Parers 262
Hook Rules 222
Hooks—
Bench 154
Box 43
Pruning 83
Tape 211
Hoop Drivers 147
Hoop Knives 146
Horse Rasps 285
Horse Shoe Magnets 238
Horse Shoers' Anvils 303
Horse Shoers' Forges 305
Horse Shoers' Turning Sledges.... 47
Horse Tooth Files 285
Horse Tooth Rasps 285
Hot Chisels—Blacksmiths' 325
Hub Lifter—Moulders' 253
Hub Tool—Moulders' 253
Hunters' Hatchets 17
Hunters' Hatchet Handles 54

I

Ice Axes 19
Ice Saws 61
Imprint Rollers—Cement Workers' 249
Inclinometer Levels 199, 200
Indicators—
Speed 238
Test 231
Inside Calipers 220, 223, 234
Inside Micrometers 226
Instruments—
Leveling 241
Surveying .....239 to 241
Interchangeable Compass Saws... 77
Iron Clamp Heads 156
Iron Levels 199, 200
Iron Planes—Adjustable ...157 to 168
Iron Spoke Shaves 147, 148
Iron Squares 190
Iron Workers' Forges 306
Irons—
Block Plane 177
Scraper Plane 177
Scrub Plane 177
Spoke Shave 147, 148
Tooth Plane 177
Tuyere 307
Ivory Rules 202

J

Jack Boards 189
Jack Planes .....
157, 159, 160, 161, 173, 174

J

Page

Jack Plane Handles 154
Jack Rabbet Planes 175
Jack Screws—Machinists' 230
Jaws—
  Elgin Wrench 288
  Pipe Wrench 293, 294
Jenny Smooth Plane..... 161
Jewelers' Screw Drivers..... 237
Jig—Doweling 182
Jobbers' Drill Gauge..... 242
Jobs—Odd 185
Jointer Gauges 182
Jointer Planes .....
  157, 159, 160, 161, 173, 174
Jointer Plane Handles 154
Jointer Trowels 247
Jointers—
  Cement Workers' 247
  Saw 96
Joist Tool 106
Junior Tool Chest..... 212

K

Key Seat Clamps 223
Key Seat Rules 223
Keyhole Saw Blades 76, 89
Keyhole Saws 76
Keyhole Saws and Pads..... 76
Kit Pipe Vises..... 301
Kitchen Saw Blades 89
Kitchen Saws 81
Kitchen Stones—Mounted 267
Kits—
  Automobile 219
  Hand Saw 77
  Pipe 322
Kit Pipe Vise..... 301
Knife Bastard Files 283
Knife Handle Wrenches..... 286
Knife Sharpeners—Floor Scraper.. 180
Knives—
  Adjustable Drawing 145
  Backing 146
  Carpenters' Drawing 145
  Carriage Makers' Drawing.. 145
  Champer 146
  Coach Makers' Drawing.... 145
  Coopers' Drawing 146
  Drawing 145, 146
  Farriers' 324
  Floor Scraper 180
  Folding Drawing 145
  Heading 146
  Hollowing 146
  Hoop 146
  Scroll Drawing 145
  Shingle 146
  Stave 146
  Wagon Makers' Drawing... 145

L

Ladies' Brad Hammer..... 41
Lathes and Scroll Saws..... 82
Lathing Hatchets .....21 to 30
Leaf and Square—Moulders'..... 251
Lead Mining Picks..... 51
Level Glasses 201
Level Sights 201
Leveling Instruments 241
Leveling Rods 241
Levels—
  Adjustable .....196 to 200
  Architects' 239
  Bit and Square..... 201
  Builders' 241
  Carpenters' .....196 to 200
  Cross Test 238
  Drainage 240
  Dumpy 240
  Farm 241
  Inclinometer 199, 200

L

Page

Levels—*Continued.*
  Iron 199, 200
  Line 201
  Machinists' .....198 to 200
  Masons' 198, 199
  Plumbs and .....196 to 200
  Pocket 201
  Square 201
  Starrett's 241
Lifters—
  Moulders', Bench 251
  Moulders' 253
Lightning Braces 111
Linemen's Clamps or Connectors.. 263
Linemen's Climber Straps 263
Linemen's Climbers 263
Linemen's Pliers 259
Lines—
  Braided 195
  Chalk 195
  Masons' 195
  Metallic 209
  Tape .....209 to 211
Line Levels 201
Lining Bars—Railroad 52
Lip Bits 129
Lists—File Classification 280
Lock Joint Calipers..... 235
Log Measures 208
Log Rules 208
Long Cutter Mattocks..... 50
Long Nose Pliers..... 256
Loose Grindstones 270
Low Angle Block Planes..... 162
Lumber Gauges 242
Lumbermen's Aprons 254
Lump Chalk 195

M

Machine Augers—Boring 124
Machine Bits 124
Machine Punches 134
Machines—
  Boring 100
  Drilling 309, 310
  Floor Scraping 180
  Grinding .....272 to 276
Machinists' Chisels 132
Machinists' Forges 306
Machinists' Hammers 36, 37
Machinists' Hand Taps 322
Machinists' Jack Screws 230
Machinists' Levels.....198 to 200
Machinists' Squares 225
Machinists' Tool Case 216
Machinists' Tools—Starrett's ...
  222 to 237
Machinists' Trammel Points 186
Machinists' Trammels 236
Machinists' Vises .....297 to 299
Magnets—Horse Shoe 238
Malleable Clamps 155
Malleable Wrenches 292
Mallet Head Chisels 45
Mallet Head Points 45
Mallets—
  Carpenters' 149
  Rawhide 149
  Rubber 149
  Stone Cutters' 149
  Tinners' 149
Mandrels—Saw 58
Manual Training Benches....217, 218
Markers—Clapboard 186
Marking Gauges 184
Marking Sticks—Board 207
Marshalltown Hawks 246
Mason Hammers 46
Mason Lines 195
Mason Levels 198, 199
Mason Tool Bag 254
Matching Planes 166

M

Page

Mattocks—
  Asphalt 50
  Garden 50
  Long Cutter 50
  Pick 50
  Short Cutter 50
Maul Handles—
  Post 55
  Spike 53, 55
  Wood Chopper 55
Mauls—
  Cast Iron 49
  Post 49
  Railroad 47
  Ship or Top..... 47
  Spike 47
  Wood Choppers' 47
Measures—
  Bench 207
  Board 208
  Log 208
  Wood 207
Measuring Bar Clamps..... 232
Measuring Chains 241
Measuring Tapes .....209 to 211
Measuring Wheels 326
Meat Saws 80
Mechanics' Tool Bags..... 254
Men's Handled Axes.....13 to 15
Mercury Plumb Bobs..... 232
Metal Bar Gauges..... 185
Metal Cutting Saw Blades..... 76
Metallic Tape Lines Only..... 209
Metallic Tapes 209
Micrometer Attachments 226
Micrometer Caliper Gauges 227
Micrometer Caliper Squares 225
Micrometer Cases 227
Micrometer Depth Gauges 230
Micrometers 226
Mill Bastard Files 282
Mill Picks 48
Mill Saws 61
Milliners' Pliers 256
Mills—Paint 326
Millwrights' Augers 123
Millwrights' Chisels 142
Millwrights' Gouges 143
Millwrights' Plumb Bobs 194
Mining Picks 51
Miscellaneous Rules 207
Mitre and Square—Combination.. 193
Mitre and Try Squares..... 192
Mitre Box Parts .....187 to 189
Mitre Box Saws 76
Mitre Boxes .....187 to 189
Mitre Planes 174
Mitre Squares 192
Mortise Gauges 184
Moulders' Bellows 312
Moulders' Tools .....250 to 253
Moulding Planes 174, 176
Mounted Grindstones 269, 270
Mounted Kitchen Stones 267
Mounted Oil Stones 267
Movers—Car 52
Mulay Saws 61
Music Wire Gauges..... 242

N

Nailers—Automatic 44
Nail Claws 43
Nail Gimlets 129
Nail Hammers .....31 to 34
Nail Pullers 44
Nail Sets 132
Narrow Cross Cut Saws..... 66
Narrow Steel Rules..... 222
Navy Calipers 220
Needles—Stitching Awl 151
Nested Saw Blades 76
Nested Saws 76

N

Page

Nippers—
Cutting 260, 261
End Cutting 260
Hoof 262
Oblique 256
Starrett's 260
Tinners', Cutting 261
Tile Cutting 260
Nosing Planes 168, 174, 175
Nosing Tools 168
Nut Augers 124
Nut Splitters 324
Nut Wrenches 388
Nuts—Pipe Wrench 293

O

Oblique Cutting Pliers 256
Odd Jobs 185
Ogee Planes 176
Oil—Oilstone 268
Oil Slips 268
Oilstone Boxes 265, 266
Oilstones 266, 267
One Man Cross Cut Saw Handles .. 90
One Man Cross Cut Saws ..... 67 to 69
Openers—
Box 44
Crate 44
Ore Picks 51
Outside Calipers 220, 233, 234
Oval Slide Vises 296

P

Pad Saw Blades 89
Pads—
Keyhole and Saw 76
Saw 89
Paint Mills 326
Panel Gauges 183
Panel Plow Planes 175
Panel Saw Handles 91
Panel Saws ..... 70 to 75
Parallel Clamps 230
Parers—Hoof 262
Paring Chisels 142
Paring Gouges 143
Parts—
For Nested Saws 76
Mitre Box 187, 189
Plane ..... 169 to 172
Pipe Wrench 293, 294
Patent Dividers 236
Patternmakers Rules 207
Patternmakers' Gauges 185
Peeling Axes 12
Peg Awl Handles 152
Peg Awls 151
Pencil Compasses 221
Pencil Holders 221
Pick Eyes—
Drifting 51
Railroad 51
Pick Handles 55, 56
Pick Mattocks 50
Picks—
Coal 51
Drifting 51
Lead Mining 51
Mill 48
Ore 51
Poll 51
Prospecting 39
Quarry 48
Railroad 51
Railroad Tamping 51
Stone 48
Pickup Tongs 326
Pin Punch 134
Pin Reamers—Taper 131
Pin Tools—Cotter 132
Pin Vises 232

P

Page

Pincers—
Blacksmiths' 262
Carpenters' 261
Farriers' 262
Larson's 261
Shoe 262
Pinch Bars 52
Pipe Cutters 294
Pipe Dies 323
Pipe Kits 322
Pipe Reamers 323
Pipe Slicks—Moulders' 253
Pipe Stocks and Dies 323
Pipe Taps 323
Pipe Tongs 294
Pipe Vises 301
Pipe Wrench Chains 294
Pipe Wrench Jaws 293, 294
Pipe Wrench Parts ..... 292 to 294
Pipe Wrenches ..... 292 to 294
Pit Saw Files 284
Pit Saws 61
Pitch Adjusters 201
Pitch Gauge—Screw 228
Pitching Tools 45
Plane Arms 175
Plane Cutters 167, 168
Plane Handles 154
Plane Irons 177
Plane Parts ..... 169 to 172

Planes—
Adjustable ..... 157 to 168
Bailey's Bench 160, 161
Beading 166, 176
Bed Rock 159
Belt Makers' 164
Bench 160
Block 158, 161, 162, 173
Board Match 175
Bull Nose Rabbet 163
Butchers' Block 164
Cabinet Makers' Block 163
Cabinet Makers' Edge 163
Cabinet Makers' Rabbet 163
Carriage Makers' Rabbet 160
Casing Moulding 176
Center Bead 176
Chamfer 163
Chaplin's Patent 173
Chute Board and 189
Circular 164
Combination ..... 166 to 168
Core Box 164
Cove 176
Dado 165, 174
Door Trim 165
Double End Matching 166
Edge Trimming 163
[illegible] 157, 158
Fancy Wood ..... 174 to 176
Filletster 166, 174
Floor 164
Fore 157, 159, 160, 173, 174
Furring 163
Grooving 165
Handled Smooth 161, 173
Hollow and Round 167, 176
Jack 157, 159, 160, 161, 173, 174
Jack Rabbet 175
Jenny Smooth 161
Jointer 157, 159, 160, 161, 173, 174
Low Angle Block 162
Match 166
Mitre 174
Moulding 174, 176
Nosing 168, 174, 175
Ogee 176
Ohio Tool Co.'s ..... 173 to 176
Panel Plow 175
Plank Match 175
Plow 166, 175
Quarter Round 176
Rabbet 163, 165, 166
Reeding 176
Round and Hollow 176

P

Page

Planes—*Continued.*
Router 165
Scioto 173
Scraper 178
Scrub 163, 173
Side Bead 176
Side Rabbet 163
Siegley Combination 166
Skew Rabbet 175
Slitting 167, 168
Smooth .157, 159, 160, 161, 173
Stanley's Bench 160, 161
Stanley's Bed Rock 159
Steel Bench 160
Step Nosing 175
Tonguing 165
Tongue and Groove 165
Tooth 174
Veneer Scraper 178
Wood ..... 173 to 176
Woodworkers' Router 165
Planer Knife Files 282
Plank Matching Planes 175
Plasterers' Cork Floats 246
Plasterers' Darbies 246
Plasterers' Hawks 246
Plasterers' Tool Bags 254
Plastering Trowels 243, 244
Plates—Screw ..... 316 to 320
Pliers—
Auto 257
Bernard's 255
Burner 257
Button's 258
Combination ..... 257 to 259
Diagonal 256
Electricians' 259
Flat Nose ..... 255 to 259
Gas 257
Lineman's 259
Lodi 255, 256
Long Chain Nose 256
Long Nose, Needle Point 256
Milliners' 256
Needle Nose 256
Oblique Cutting 256
Paragon 256
Round Nose 255
Side Cutting ..... 256 to 259
Umbrella 255
Plow Anvils 303
Plow Hammers 38
Plow Plane Arms 175
Plow Planes 166, 175
Plug Cutters 117
Plug Taps 322
Plumb Bobs 194, 232
Plumbers Saws 78
Plumbers' Saw Blades 77
Plumbs and Levels ..... 196 to 200
Pocket Borer 112
Pocket Hones 265
Pocket Levels 201
Pocket Rules ..... 202 to 205
Pocket Screw Drivers 117, 237
Pocket Scribers 232
Pocket Slide Calipers 225
Pocket Tapes 211
Pod Bits 129
Pointers—
Convex 248
Raised 248
Spoke 117
Pointing Trowels 246
Points—
Ball, Starret's 235
Drill 112
Hammer Head 45
Mallet Head 45
Trammel 186
Poles—Ranging 241
Poll Pick Handles 56
Poll Picks 51
Pond Ice Saws 61
Pork Packers' Saws 81
Portable Forges ..... 304 to 306
Post Drills 311

P

Page

Post Maul Handles 55
Post Mauls 49
Powder—Carborundum 265
Power Grindstones 270
Press—
  Bench Drill 308
  Hand Drill 308
Price List of Files and Rasps..... 280
Prick Punches 134
Prospecting Hammers 39
Prospecting Picks 39
Protractor Squares 193
Protractors—Machinists'.224, 227, 228
Pruning Saw Blades 76
Pruning Saws 83
Pruning Saws and Hooks..... 83
Pullers—
  Nail 44
  Tack 42
Pump Makers' Stock and Dies.... 322
Punch Assortments 134
Punches—
  Automatic 237
  Belt 135
  Bench 313
  Blacksmiths' Round 325
  Center 134, 237
  Combined Shear and..... 314
  Conductor 137
  Farmers' Machine 134
  Iron, with Shear..... 314
  Machine 134
  Pin 134
  Prick 134
  Revolving Hammer 136
  Revolving Spring 136
  Round, Blacksmiths' 325
  Saddlers' 135
  Saw Blade 89
  Sickle Section 134
  Solid 134
  Spacing 237
  Spring 136
  Ticket 137
  Track 48
Punches and Shears—Combined.. 314
Push Braces 111

Q

Quarry Picks 48
Quarter Round Planes..... 176
Quilt Frame Clamps..... 155

R

Rabbet Planes 163, 165, 166
Radius Gauge 229
Radius Tools—Cement Workers'.. 248
Rafter Squares 191
Railroad Adzes 19
Railroad Claw Bars 52
Railroad Crayons 195
Railroad Lining Bars 52
Railroad Pick Eyes 51
Railroad Pick Handles 53, 55
Railroad Picks 51
Railroad Spike Mauls 47
Railroad Tamping Picks 51
Railroad Wrenches 286
Raised Pointers 248
Ranging Poles 241
Rasps—
  Cabinet 284
  Horse 285
  Horse Tooth 285
  List of 280
  Shoe 285
  Wood 284
Ratchet Attachment 323
Ratchet Borers 105
Ratchet Braces 105

R

Page

Ratchet Drill Bits 128
Ratchet Drills 312
Ratchet Screw Drivers 113
Ratchet Wrenches 288
Rawhide Mallets 149
Reamer Bits 131
Reamers— ....
  Bit Brace 131
  Half Round 131
  Octagon 131
  Pipe 323
  Square 131
  Taper 131
  Taper Pin 131
Reeding Planes 176
Reels—
  Chalk Line 152
  Chalk Line and Awls..... 152
Registering Calipers 220
Repairs—Mitre Box 187, 189
Revolving Hammer Punch..... 136
Revolving Spring Punches..... 136
Rip Saws .....70 to 75
Ripping Bars—Carpenters' 52
Ripping Hammers 31, 32, 33
Riveters' Forges 306
Riveting Hammers 35, 39
Rods—
  Gauging 207
  Leveling 241
  Saw 86
  Wantage 207
  Wood Saw 86
Roller Nut Vises..... 300
Rollers—Imprint, Cement Workers' 249
Rolls—Auger Bit 120
Roofing Brackets 186
Round and Hollow Planes..... 176
Round Bastard Files 282
Round Face Hammers 92
Round Punches 325
Rounding Hammers—Farriers'.... 40
Routers—Wood Workers' 165
Rubber Mallets 149
Rule Clamps 223
Rule Tool 185
Rules—
  Architects' 204
  Bench 207
  Blacksmiths' 204, 222
  Blind Man's 204
  Board 208
  Board Measure 208
  Board Sticks 207
  Boxwood .....202 to 204
  Caliper, Boxwood 202, 204
  Caliper, Ivory 202
  Caliper, Steel 222
  Extension 207
  Folding Steel 206
  Gauging Rod 207
  Hook 222
  Ivory 202
  Key Seat 223
  Log 208
  Machinists' Starrett's 222
  Measure, Wood 207
  Miscellaneous 207
  Narrow 222
  Narrow Hook 222
  Pattern Makers' 207
  Pocket .....202 to 205
  Ship Carpenters' 204
  Shrinkage 207
  Slide Caliper 222
  Steel 206, 222
  Straight Edge 223
  Thumb Slide 222
  Tinners' 206
  Wantage Rods 207
  Wood Measures 207
  Yark Sticks 207
  Zig-Zag 205

S

Page

S Wrenches 289, 290
Saddlers' Awls 151
Saddlers' Punches 135
Saw Anvils 92
Saw Blade Punches 89
Saw Blades—
  Bracket 88
  Buck 87
  Butchers' 89
  Compass 76, 77, 89
  Coping 81
  Dehorning 89
  Hack 88
  Key Hole 76, 77, 89
  Kitchen 89
  Metal Cutting 76
  Nested 76
  Pad 89
  Plumbers' 77
  Pruning 76
  Screw Slotting 88
  Scroll 88
  Turning 89
  Web 89
  Wood 87
Saw Bucks 86
Saw Clamps 98, 99
Saw Filing Guides 98
Saw Frames—
  Buck 86
  Wood 86
  Cabinet 83
  Hack 78, 79
Saw Gauges 98
Saw Gummers 95
Saw Handles 90, 91
Saw Jointers 96
Saw Kits—Hand 77
Saw Makers' Hammers 92
Saw Makers' Straight Edges..... 92
Saw Makers' Tools 92
Saw Mandrels 58
Saw Pads 89
Saw Rods 86
Saw Screws 91
Saw Sets .....92 to 95
Saw Swages 96
Saw Tools 96, 97
Saw Vises 98, 99
Saw Wedges 48
Saws—
  Back 76
  Band 60
  Boys' and Buck..... 86
  Bracket 82
  Buck 84, 85
  Butchers' 80
  Circular .....58 to 60
  Compass 77
  Coping 81
  Cordwood 60
  Cross Cut .....62 to 69
  Dehorning 81
  Dovetail 77
  Drag 60
  Felling 62
  Flooring 78
  Hack 78, 79
  Hand .....70 to 75
  Hand Hack 78
  Hand, Ice 61
  Handy Hand 83
  Handy Handle Hack..... 78
  Ice 61
  Interchangeable Compass.. 77
  Keyhole 76
  Kitchen 81
  Meat 80
  Mill 61
  Mitre Box 76
  Mulay 61
  Narrow X Cut..... 66
  Nested 76
  One Man Cross Cut...67 to 69
  Pad 76
  Panel .....70 to 75
  Pit 61

S

Page

Saws—*Continued.*
- Plumbers' ... 78
- Pond Ice ... 61
- Pork Packers' ... 81
- Pruning ... 83
- Pruning, Hooks and ... 83
- Rip ... 70 to 75
- Scroll ... 82
- Stair Builders' ... 77
- Turning ... 83
- Whip ... 61
- Wood ... 84, 85

Saws and Bucks—Boys' ... 86
School Crayons ... 195
Scout Axes—Boy ... 16
Scraper Planes ... 177
Scraper Sets—Bearing ... 132
Scrapers—
- Box ... 43
- Cabinet ... 178, 179
- Coopers' ... 147
- Floor ... 179
- Ship ... 43
- Steel ... 179
- Veneer ... 178
- Wall ... 43

Scraping Knives—Floor ... 180
Scraping Machines—Floor ... 180
Scratch Awls ... 152
Scratch Gauges ... 230
Screw Cutters ... 156
Screw Driver Attachments ... 113
Screw Driver Bits ... 113, 130
Screw Driver Handles ... 154
Screw Drivers ... 112 to 117, 237
Screw Pitch Gauges ... 228
Screw Plate Stocks ... 321
Screw Plate Taps ... 322
Screw Plates—
- Automobile ... 317, 319
- Blacsmiths' ... 315
- [illegible] ... 316, 317
- Green River ... 318, 319
- Lightning ... 319, 320

Screw Slotting Blades ... 88
Screws—
- Bench ... 155
- Hand ... 155
- Machinists' Jack ... 230
- Saw ... 91
- Tail ... 155
- Vise ... 303
- Wood Hand ... 155

Scribers—
- Gem ... 221
- Pocket ... 232
- Sleeve ... 232

Scroll Drawing Knives ... 145
Scroll Saw Blades ... 88
Scroll Saws ... 82
Scroll Saws and Lathes ... 82
Scrub Planes ... 163, 173
Sectional View of Files ... 279
Set Gauges ... 98
Set Hammers—Blacksmiths' ... 325
Sets—
- Auger Bit ... 118 to 122
- Bearing Scraper ... 132
- Bit Stock Drill ... 126
- Boring Machine Auger ... 124
- Bracket, Scroll ... 82
- Breast Drill ... 126
- Combination, Square ... 223
- Combination, Tool ... 120, 224
- Drill ... 126
- Elgin Wrenches ... 288
- Nail ... 133
- Saw ... 92 to 95
- Screw Driver ... 116
- Scroll Bracket ... 82
- Socket Wrench ... 287
- Tool ... 116, 224
- Utility Tool ... 131
- Wrench ... 291, 292
- Wood Bit ... 126
- Yankee Tool ... 113

Setting Blocks ... 97

S

Page

Setting Hammers ... 35
Sewing Awl Handles ... 152
Sewing Awls ... 151
Sewing Machine Screw Drivers ... 115
Shafts—Grindstone ... 271
Sharpeners—Floor Scraper Knife ... 180
Sharpening Stones ... 265
Shaves—
- Iron ... 147, 148
- Spoke, Carpenters' ... 148
- Spoke, Coopers' ... 147
- Wood ... 147, 148

Shears—
- Blacksmith ... 314
- Combined Punch and ... 314
- Splitting ... 313

Shingle Gauges ... 30
Shingle Knives ... 146
Shingling Hatchets ... 21 to 28
Shingling Hatchet Handles ... 53, 54
Ship Adze Handles ... 56
Ship Adzes ... 18
Ship Auger Bits ... 122
Ship Augers ... 122
Ship Axe Handles ... 56
Ship Axes ... 18
Ship Car Bits ... 123
Ship Carpenters' Bevels ... 204
Ship Carpenters' Rules ... 204
Ship Mauls ... 47
Ship Scrapers ... 43
Shoe Hammers ... 39
Shoe Pincers ... 262
Shoe Rasps ... 285
Short Cutter Mattocks ... 50
Shoulder Tool Chests—Carpenters' ... 215
Shrinkage Rules ... 207
Sickle Grinders ... 273, 276
Sickle Section Punches ... 134
Side Cutting Pliers ... 259
Side Files ... 96
Side Rabbet Planes ... 163
Siding Gauges ... 186
Siding Markers ... 186
Siegley's Planes ... 166
Sights—Level ... 201
Sill Borers ... 106
Silver Solder ... 92
Single Bit Axe Handles ... 53
Single Bitted Axes ... 2 to 12
Skew Rabbet Planes ... 175
Sledge Handles ... 53, 55
Sledges—
- Blacksmiths' ... 47
- Coal Miners' ... 48
- Stone ... 47
- Striking ... 47
- Turning ... 47

Sleeve Scribers ... 232
Slick and Bead—Moulders' ... 250, 252
Slick and Flute—Moulders' ... 250
Slick and Spoon—Moulders' ... 250, 252
Slicks—
- Carpenters' ... 39, 144
- Moulders' ... 250 to 253

Slide Caliper Rules ... 222
Slide Calipers ... 222
Slide Rule Caliper and Gauge ... 222
Sliding T Bevels ... 193
Slim Taper Files ... 281
Slips—
- Emery ... 268
- Oil ... 268

Slitting Gauges ... 183
Smooth Planes ... 157, 159, 160, 161, 173
Socket Corner Chisels ... 139, 141, 142
Socket Firmer Chisels ... 138
Socket Firmer Gouges ... 139, 143
Socket Framing Chisels ... 139
Socket Wrench Sets ... 287
Soft Steel Cutter ... 313
Solder—Silver ... 92
Soldering Copper Handles ... 153
Solid Box Vises ... 303
Solid Vise Box and Screw ... 303
Solid Pipe Dies ... 323
Solid Punches ... 134

S

Page

Spacing Punches ... 237
Spauling Hammers ... 46
Speed Attachments—Surface ... 238
Speed Indicators ... 238
Spike Gimlets ... 129
Spike Maul Handles ... 53, 55
Spike Mauls—Railroad ... 47
Spiral Screw Drivers ... 113
Splitters—Nut ... 324
Splitting Shears ... 313
Spoke Pointers ... 117
Spoke Shave Cutters ... 147, 148
Spoke Shaves—
- Carpenters' ... 148
- Coopers' ... 147
- Iron ... 147, 148
- Wood ... 147, 148

Spoon Bits ... 129
Spoon and Bead—Moulders' ... 252
Spoons—Moulders' ... 252
Sportsman's Hatchets ... 16, 17
Spring Calipers ... 220, 233
Spring Dividers ... 233, 234
Spring Punch Tubes ... 136
Spring Punches ... 136
Square Attachment ... 224
Square Bastard Files ... 282
Square Edger ... 248
Square Face Hammers ... 92
Square Levels ... 201
Square Trowels ... 250
Squares—
- Bridge Builders' ... 190
- Caliper ... 225
- Combination ... 193, 223
- Double ... 225, 252
- Framing ... 190
- Iron ... 190
- Machinists' ... 225
- Micrometer ... 225
- Mitre ... 192
- Protractor ... 193
- Rafter ... 191
- Steel ... 190, 191, 225
- Take-Down ... 191
- Try and Mitre ... 192
- Try, Bevel ... 193
- Try, Carpenters' ... 192
- Try, Machinists ... 225

Stair Builders' Saws ... 77
Stair Gauge Fixtures ... 238
Star Pattern Drills ... 132
Starrett's Tools ... 222 to 237
Stationary Bottom Vises ... 295 to 301
Stationary Forges ... 306
Stave Knives ... 146
Steel Clamps—Tool Makers' ... 230
Steel Handle Wrenches ... 286
Steel Rules—
- Folding ... 206
- Pocket ... 206
- Starrett's ... 222
- Straight ... 206
- Tinners' ... 206

Steel Squares ... 190, 191, 225
Steel Tapes ... 210, 211
Sticks—
- Board ... 207
- Marking ... 207
- Yard ... 207

Stitching Awls ... 151
Stitching Awl Needles ... 151
Stitching Awl Thread ... 151
Stock Cabinets ... 1
Stocks—Screw Plate ... 321
Stocks and Dies—
- Green River ... 318, 319
- Blacksmiths' ... 315
- Lightning ... 320, 321
- Pipe ... 323
- Pump Makers' ... 322

Stone Cutters' Axes ... 45
Stone Cutters' Chisels ... 45
Stone Cutters' Hammers ... 45
Stone Cutters' Mallets ... 149
Stone Cutters' Points ... 45
Stone Cutters' Pitching Tools ... 45

S

Page

Stone Cutters' Tools 45
Stone Hammer Handles 53, 55
Stone Hammers 46
Stone Masons' Hammers 46
Stone Picks 48
Stone Sledges 47
Stones—
Axe 265, 267
Bench 265
Carborundum 264, 265
Combination 265
Emery Oil 266
Grind .....269 to 271
Kitchen 267
Mounted Kitchen 267
Mounted Oil 267
Oil 266
Sharpening 265
Slips, Emery Oil..... 268
Slips, Oil 268
Stops—Bench 154
Stove Tools 250
Straight Edges—
Machinists' 223
Saw Makers' 92
Straight Pein Hammers 36, 37
Straight Shank Drill Bits..... 127
Straps—Linemen's Climber 263
Stretchers—Carpet 42
Striking Hammers 46
Supplementary Saw Handles..... 90
Surface File Holders 285
Surface Gauges 231
Surface Speed Attachments 238
Surveying Instruments .....239 to 241
Surveyors' Transit 239
Surveyors' Compass 240
Swage Bars—Saw Makers'..... 92
Swage Blocks 312
Swage Hammers—Saw Makers'... 92
Swages—
Bar 92
Blacksmiths' Bottom 325
Blacksmiths' Top 325
Saw 96
Swivel Bottom Vises.....295 to 301

T

T Bevels—Sliding 193
Tack Claws 42
Tack Hammers 41
Tack Pullers 42
Tail Screws 155
Take Down Steel Squares..... 191
Tampers—Cement Workers' 249
Tamping Picks 51
Tanged Firmer Chisels 144
Tanged Firmer Gouges 144
Tanged Turning Chisels 144
Tanged Turning Gouges 144
Tap and Wire Gauge..... 242
Tap Wrenches 236, 320, 321
Tape Lines .....209 to 211
Tape Measures .....209 to 211
Taper Files 281
Taper Gauges 229
Taper Reamers 131
Taper Pin Reamers 131
Taper Shank Drill Bits..... 127
Taper Taps 322
Taper and Leaf—Moulders' 251
Taper and Spoon—Moulders' 252
Taper and Square—Moulders'.251, 252
Tape Hooks 211
Tapes—
Engineers' 211
Metallic 209
Measuring .....209 to 211
Pocket 211
Steel 210, 211

T

Page

Taps—
Bottoming 322
Machinists' Hand 322
Pipe 323
Plug 322
Screw Plate 322
Taper 322
Taps, Dies and Holders..... 320
Test Indicators 231
Testers—Center 232
Thickness Gauge 229
Thread Calipers 233, 234
Thread Gauges 228
Thread—Stitching Awl 151
Thumb Slide Rules..... 222
Ticket Punches 137
Tile Cutting Nippers..... 260
Tiling Tools 249
Tiller Handles 61
Tilting Levels 239
Tinners' Forges 306
Tinners' Hammers 35
Tinners' Mallets 149
Tinners' Nippers 261
Tinners' Riveting Hammers 35
Tinners' Rules 206
Tinners' Setting Hammers..... 35
Tinsmiths' Forges 306
Tire Drills 312
Tire Gauges 326
Tire Measuring Wheels 326
Tongs—
Blacksmiths' 326
Bolt 326
Gad 326
Pickup 326
Pipe 294
Tonguing Planes 165
Tool Bags—
Bricklayers' 254
Harness Leather 254
Masons' 254
Mechanics' 254
Plasterers' 254
Tool Boxes 213, 214
Tool Cabinets .....1, 213 to 215
Tool Case—Hand 215
Tool Chests—
Boys' 212
Carpenters' Empty 216
Carpenters' Shoulder 215
Junior 212
Machinists' 216
Utility 212
Tool Display Cabinets 1
Tool Grinders 275, 276
Tool Handles 150, 153
Tool Handles, with Tools..... 150
Tool Holders 216
Tool Makers' Calipers 233
Tool Makers' Dividers 233
Tool Makers' Parallel Clamps.... 230
Tool Makers' Steel Clamps 230
Tool Makers' Surface Gauges..... 231
Tool Sets—
Combination 120
Friction Drive 116
Starrett's Tool 224
Utility 131
Yankee 113
Tools—
Beading 249
Blacksmiths' Hand ...325, 326
Boring Box 112
Cement Workers' ...247 to 249
Coopers' 146, 147
Cornering 181
Corrugating 248
Cotter Pin 132
Finishing 248
Gutter 248
Handles with 150
Heading 326
Hub 253
Joist 106
Moulders' .....250 to 253
Nosing 168

T

Page

Tools—*Continued.*
Pitching 45
Radius 248
Rule 185
Saw 96, 97
Saw Makers' 92
Starrett's .....222 to 237
Stone Cutters' 45
Stove 250
Tiling 249
Tooth Gauge—Cleaner 98
Tooth Planes 174
Tooth Rasps—Horse 285
Top Fullers 325
Top Mauls 47
Top Swages 325
Track Chisels 48
Track Punches 48
Trammel Points 186, 236
Trammels—Machinists' 236
Transfer Calipers 235
Transits—
Builders' 240
Engineers' 239
Surveyors' 239
Trowels—
Brick 245
Browning 243
Cement 244
Cement Edging 244
Cementers' 244
Corner 246
Farmers' 244
Finishing 243, 250
Groover 247
Gutter 248
Jointer 247
Moulders' 250
Plastering 243, 244
Pointing 246
Square 250
Try and Mitre Squares..... 192
Try Squares 192, 225
Tubes—Spring Punch 136
Turning Chisels 144
Turning Gouges 144
Turning Hammers—Farriers' 40
Turning Saws 83
Turning Sledges 47
Turning Webs 89
Tuyere Irons 307
Twist Drill Bits 127, 128
Twist Drill Gauges 242

U

Umbrella Pliers 255
Universal Bevels 228
Universal Dividers 236
Upholsterers' Hammers 41
Upright Drills—Blacksmiths'..309, 310
Utility Grinder 276
Utility Tool Sets 131

V

Veneer Scrapers 178
Vernier Calipers 225
Vernier Depth Gauge 230
Vise Assortments 295, 296
Vise Boxes and Screws..... 303
Vises and Anvils Combined..... 302
Vises—
Abernathy 300
Blacksmiths' 303
Bonney's 295
Chain Pipe 301
Cheney's 302
Clamp Bottom .....295 to 297
Coach Makers' 299
Combination Anvil and.... 302
Combination Pipe 301
Farmers' 296, 297

V

Page

Vises—*Continued.*
- Filers' or Finishers' 298
- Filers' Saw 98, 99
- Hand 295
- Hinged Pipe 301
- Horse Shoers' 303
- Jersey 296
- Kit Pipe 301
- Machinists' .....297 to 299
- Massey 299, 300, 302
- Oval Slide 296
- Parker's 298, 301
- Phoenix 295
- Pin 232
- Prentiss 298
- Roller Nut 300
- Saw Filers' 98, 99
- Sheldon's 300
- Simpson 297
- Solid Box 303
- Standard 297
- Stanley 296
- Stationary Bottom...295 to 301
- Swivel Bottom .....295 to 301
- Table Clamp 295
- Victor 296
- Woodworkers' 299, 300
- Yankee 308

W

- **Wagon Makers' Drawing Knives**... 145
- **Wall Scrapers** 43
- **Wantage Rods** 207
- **Warding Bastard Files**..... 283
- **Washer Cutters** 137
- **Web Saw Blades**..... 89
- **Webs—Turning** 89
- **Wedge Axes** 12
- **Wedges—**
  - Axe 49
  - Coal 48
  - Hammer 49
  - Hatchet 49
  - Saw 48
  - Wood Choppers' 49

W

Page

- **Weed's Special Files**..... 281
- **Wheels—**
  - Carborundum 277
  - Corundum 278
  - Emery 277
  - Pipe Cutter 294
  - Tire Measuring 326
- **Wheel Dressers—Emery** 278
- **Whip Saws** 61
- **Wing Calipers** 220
- **Wing Dividers** 221
- **Wire Gauges** 229, 242
- **Wood Bit Sets** 126
- **Wood Bottom Planes** 157, 161
- **Wood Choppers' Maul Handles**.... 55
- **Wood Choppers' Mauls** 47
- **Wood Choppers' Wedges** 49
- **Wood Darbies** 246
- **Wood Files** 284
- **Wood Hand Screws** 155
- **Wood Measures** 207
- **Wood Planes** .....173 to 176
- **Wood Rasps** 284
- **Wood Saw Blades** 87
- **Wood Saw Frames** 86
- **Wood Saw Rods** 86
- **Wood Saws** 84, 85
- **Wood Screw Cutters** 156
- **Wood Spoke Shaves** 147, 148
- **Wood Tail Screws** 155
- **Woodworkers' Routers** 165
- **Woodworkers' Vises** 299, 300
- **Wrench Attachments** 290
- **Wrench Dies—Elgin** 288
- **Wrench Frames—Pipe** 292, 293
- **Wrench Jaws—**
  - Elgin 288
  - Pipe 292, 293
- **Wrench Nuts—Pipe** 292, 293
- **Wrenches—**
  - Adjustable Engineers' 289
  - Adjustable S 289
  - Agricultural 286
  - Alligator 290
  - Always Ready 290
  - Auto 287
  - Bemis & Call's Combination 292

W

Page

- **Wrenches—*Continued.***
  - Carll 289
  - Chain Pipe 294
  - Claw 292
  - Coe's Genuine 286
  - Cochran Pipe 293
  - Combination S 290
  - Elgin 288
  - Extras for 288, 292, 293
  - General Purpose 291
  - Knife Handle 286
  - Malleable 292
  - Nut 288
  - Perfect Handle...286, 289, 293
  - Pipe 289, 292, 293
  - P. S. & W. Co.'s..... 286
  - Railroad 286
  - Ratchet 288
  - S 289
  - Socket 287
  - Steel Handle 286
  - Stillson Pipe 293
  - Tap 236, 320, 321
  - Trimo Auto 287
  - Trimo Pipe 293
  - W. & B. Auto..... 287
- **Wrench Sets—**
  - Auto 291
  - Carriage Maker 291
  - General Purpose 291, 292
  - General Service 291
  - Socket 287

Y

- **Yankee—Moulders'** 251
- **Yankee Vises** 308
- **Yard Sticks** 207

Z

- **Zig-Zag Rules** 205

Tool Display and Stock Cabinets.

EVERKEEN J.P.H.CO. TRADE MARK

Made of Golden Oak, Handsomely Carved and Varnished.

	Each
EVERKEEN **Tool Display and Stock Cabinet**—Background Lined with Dark Felt, Wooden Pegs Furnished to Match Felt, Double Strength Glass Panels in Front and Sides, Etched EVERKEEN on Front Panels, Outside Dimensions 5 ft. 1 in. High, 5 ft. 2½ in. Wide, 19 in. Deep, Inside Dimensions 4 ft. 9 in. High, 4 ft. 10 in. Wide, 17 in. Deep, **without Tools**	**$80.00**

Arranged to Hold the Following EVERKEEN Tools:

Adzes,
Auger Bits,
Axes,
Braces,
Broad Axes,
Carpenters' Chisels,
Cold Chisels,
Drawing Knives,
Files,
Hammers,
Gouges,
Hatchets,
Planes,
Pliers,
Screw Drivers,
Slicks,
Back Saws,
Compass Saws,
Coping Saws,
Hand Saws,
Nested Saws,
Hack Saws,
Panel Saws,
Rip Saws.

Approximate Shipping Weight Each, Boxed, 282 Pounds.

Single Bitted Axes.

EVERKEEN J.P.H.CO. TRADE MARK

Wisconsin Pattern.

Michigan Pattern.

EVERKEEN J.P.H.CO. TRADE MARK—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern,

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$16.70
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	17.20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	17.75

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

EVERKEEN J.P.H.CO. TRADE MARK

Wisconsin Pattern.

Michigan Pattern.

EVERKEEN J.P.H.CO. TRADE MARK—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23.35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	23.90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	24.50

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

DAVIES' CHAMPION

Yankee Pattern.

Michigan Pattern.

Davies' Champion—Soft Steel Body, Extra Quality Diamond Steel Cutting Edge, Black Japanned, Polished Head and Bits, Yankee and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$14.80**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**15.35**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**15.90**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

DAVIES' CHAMPION

Yankee Pattern.

Michigan Pattern.

Davies' Champion—Soft Steel Body, Extra Quality Diamond Steel Cutting Edge, Black Japanned, Polished Head and Bit, Yankee and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$21.45**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**22.00**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**22.55**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

COLBY

Wisconsin Pattern.

Michigan Pattern.

Colby—Forged from the Toughest Crucible Axe-Bit Steel, Refined and Finished by Hand, Individually Tempered, Silver Bronze Finish, Polished Head and Bit, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$15.35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	15.90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	16.45

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

COLBY

Wisconsin Pattern.

Michigan Pattern.

Colby—Forged from the Toughest Crucible Axe-Bit Steel, Refined and Finished by Hand, Individually Tempered, Silver Bronze Finish, Polished Bits, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$22.25
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	22.80
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	23.35

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

BLACK GIANT

Yankee Pattern.

Michigan Pattern.

Black Giant—Hand Made, Forged from the Toughest Axe-Bit Steel, Refined and Finished by Hand, Natural Steel Temper Color Finish, Yankee and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$16.65**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**17.20**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**17.75**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

BLACK GIANT

Yankee Pattern.

Michigan Pattern.

Black Giant—Hand Made, Forged from the Toughest Axe-Bit Steel, Refined and Finished by Hand, Natural Steel Temper Color Finish, Yankee and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$24.45**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**25.00**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**25.55**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

SAGER

Wisconsin Pattern.

Michigan Pattern.

Sager—Hand Forged Refined Silver Steel, Tempered by Sager Patent Chemical Process, Natural Blue Color, Carefully Inspected and Tested, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$16.65**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**17.20**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**17.75**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

SAGER

Wisconsin Pattern.

Michigan Pattern.

Sager—Hand Forged Refined Silver Steel, Tempered by Sager Patent Chemical Process, Natural Blue Color, Carefully Inspected and Tested, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$23.35**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**23.90**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**19.00**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

A. A. & T. CO.'S

Michigan Pattern.

Cut Shows Carton.

A. A. & T. Co.'s—Soft Steel Poll, Punched Eye, Refined Crucible Steel Cutting Edge, Damascus Finish, Special Process Tempering, Carefully Inspected, Fully Warranted, Mann's Wisconsin and Michigan Pattern.

	WEIGHTS	Per Dozen
Group No. 1	Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$20.85
Group No. 2	Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	20.90
Group No. 3	Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	21.45

Average Weight Per Dozen About 60 Pounds.
One in a Carton; One Dozen Cartons in a Box.

Double Bitted Axes.

A. A. & T. CO.'S

Wisconsin Pattern.

Michigan Pattern.

A. A. & T. Co.'s—Soft Steel Poll, Punches Eye, Refined Crucible Steel Cutting Edge, Damascus Finish, Special Process Tempering, Carefully Inspected, Fully Warranted, Wisconsin and Michigan Pattern.

	WEIGHTS	Per Dozen
Group No. 1	Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$27.00
Group No. 2	Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	27.55
Group No. 3	Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	28.10

Average Weight Per Dozen About 60 Pounds.
One in a Carton; One Dozen Cartons in a Box.

Single Bitted Axes.

SPLENDID

Wisconsin Pattern.

Michigan Pattern.

Splendid—Soft Steel Body, Silver Steel Bit, Polished and Honed, Black Nickel Finish, Deep Etching, Gold Filled, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$17.05**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**17.60**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**18.15**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Double Bitted Axes.

SPLENDID

Wisconsin Pattern.

Michigan Pattern.

Splendid—Soft Steel Body, Silver Steel Bit, Polished and Honed, Black Nickel Finish, Deep Etching, Gold Filled, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$23.70**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**24.25**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**24.80**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Single Bitted Axes.

VULCAN

Wisconsin Pattern.

Michigan Pattern.

Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$14.80**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**15.35**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**15.90**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

VULCAN

Wisconsin Pattern.

Michigan Pattern.

Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$21.45**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**22.00**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**22.55**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

COLLINS' EBONITE

Wisconsin Pattern.

Michigan Pattern.

Collins' Ebonite—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$16.65**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**17.20**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**17.75**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Double Bitted Axes.

COLLINS' EBONITE

Wisconsin Pattern.

Michigan Pattern.

Collins' Ebonite—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern.

WEIGHTS	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$23.35**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**23.90**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**24.45**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Single Bitted Axes.

BADGER STATE

Yankee Pattern.

Michigan Pattern.

Badger State—Cast Steel, Gold Bronzed, Polished Head, Yankee and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$13.35**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**13.90**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**14.45**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Double Bitted Axes.

BADGER STATE

Yankee Pattern.

Michigan Pattern.

Badger State—Cast Steel, Gold Bronzed, Yankee and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$15.60**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**15.60**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**15.60**

Average Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

Single Bitted Axes.

KELLY'S HAND MADE

Wisconsin Pattern.

Kelly's Hand Made—Soft Steel Body, Highest Grade Crucible Steel Bit, Forged Poll, Natural Gas Tempered and Forged, Natural Blue Temper Color, Honed Cutting Edge, Wisconsin and Michigan Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$14.80**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**15.35**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**15.90**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Michigan Pattern.

Single Bitted Wedge Axes.

Wedge, Aroostook Pattern.

Wedge—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Aroostook Pattern.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$16.70**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**17.25**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Peeling Axes.

Everkeen.

—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered, Ebonite Finish.

	Per Dozen
Weights Assorted 3½ to 4 Lbs.	**$26.10**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

VULCAN

Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge.

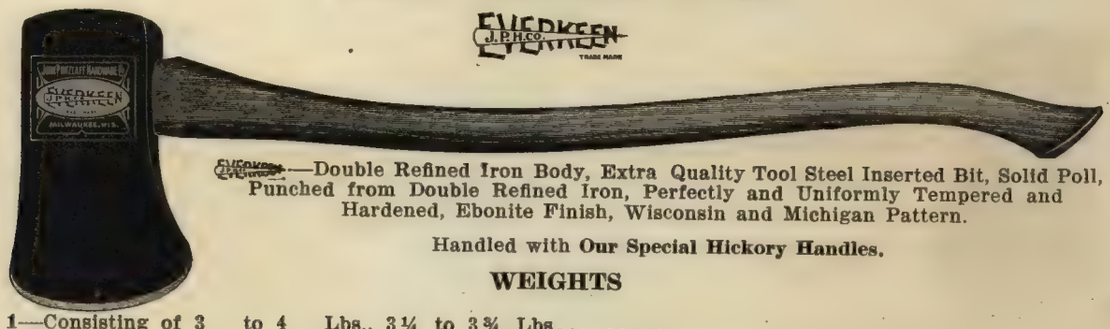
	Per Dozen
Weights Assorted 3½ to 4 Lbs.	**$25.00**

Average Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Vulcan.

Men's Handled Axes.



Everkeen—Double Refined Iron Body, Extra Quality Tool Steel Inserted Bit, Solid Poll, Punched from Double Refined Iron, Perfectly and Uniformly Tempered and Hardened, Ebonite Finish, Wisconsin and Michigan Pattern.

Handled with **Our Special Hickory Handles.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$22.25**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**22.80**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**23.35**

Handled with 36 in. **4X Hand Shaved Second Growth Hickory Handles.**

WEIGHTS

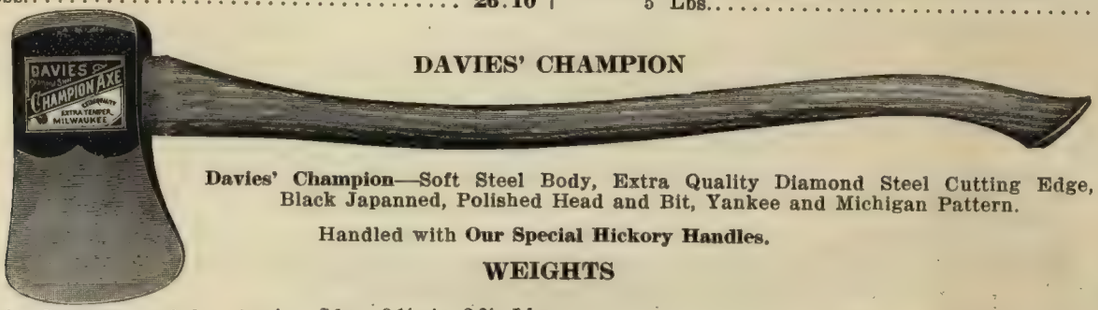
	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$25.00**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**25.55**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**26.10**

Handled with 36 in. **6X Hand Shaved Second Growth Hickory Handles.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$25.55**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**26.10**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**26.65**

DAVIES' CHAMPION



Davies' Champion—Soft Steel Body, Extra Quality Diamond Steel Cutting Edge, Black Japanned, Polished Head and Bit, Yankee and Michigan Pattern.

Handled with **Our Special Hickory Handles.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$20.35**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**20.90**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**21.45**

Handled with 36 in. **4X Hand Shaved Second Growth Hickory Handles.**

WEIGHTS

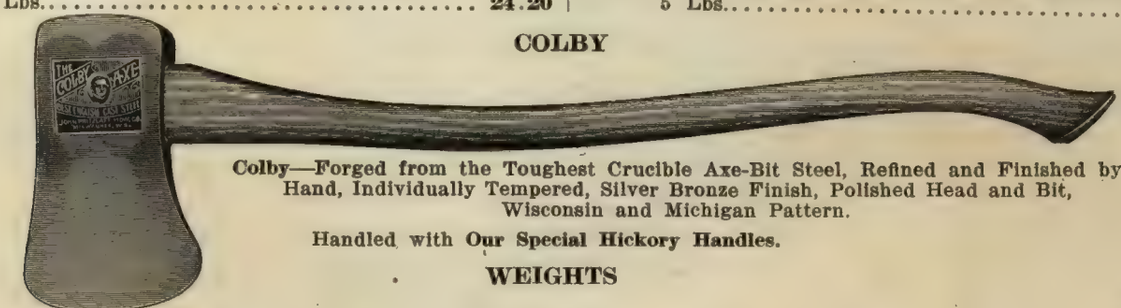
	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$23.10**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**23.65**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**24.20**

Handled with 36 in. **6X Hand Shaved Second Growth Hickory Handles.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$23.65**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**24.20**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**24.75**

COLBY



Colby—Forged from the Toughest Crucible Axe-Bit Steel, Refined and Finished by Hand, Individually Tempered, Silver Bronze Finish, Polished Head and Bit, Wisconsin and Michigan Pattern.

Handled with **Our Special Hickory Handles.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$20.90**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**21.45**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**22.00**

Handled with 36 in. **4X Hand Shaved Second Growth Hickory Handles.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$23.65**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**24.20**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**24.75**

Handled with 36 in. **6X Hand Shaved Second Growth Hickory Handles.**

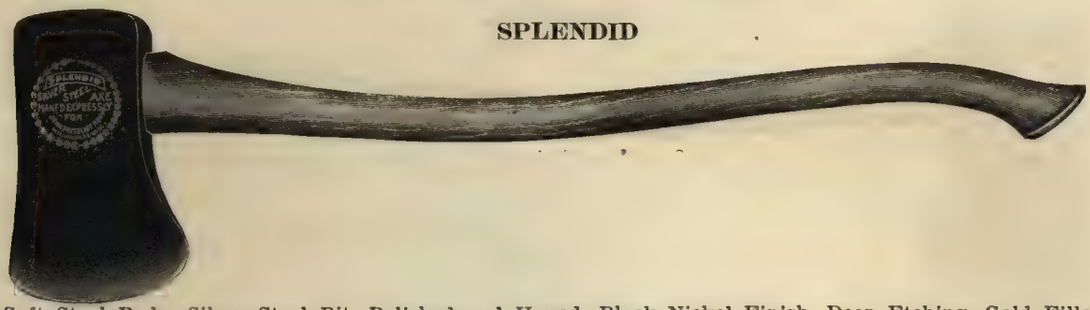
WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$24.20**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**24.75**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**25.30**

All Above, Average Weight Per Dozen About 80 Pounds.
One Dozen in a Crate.

Men's Handled Axes.

SPLENDID



Splendid—Soft Steel Body, Silver Steel Bit, Polished and Honed, Black Nickel Finish, Deep Etching, Gold Filled, Wisconsin and Michigan Pattern.

Handled with 36 in. **4X Hand Shaved Second Growth Hickory Handles.**

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$25.35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	26.00
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	26.45

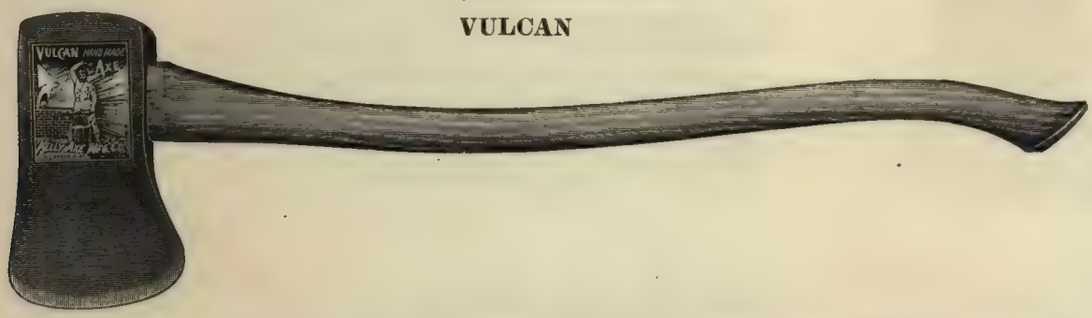
Handled with 36 in. **6X Hand Shaved Second Growth Hickory Handles.**

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$26.00
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	26.45
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	27.00

Average Weight Per Dozen 80 Pounds.

One Dozen in a Crate.

VULCAN



Vulcan—Soft Steel Body, Highest Grade Crucible Steel Bit, Hand Hammered, Natural Gas Tempered and Forged, Natural Black Finish, Honed Cutting Edge, Wisconsin and Michigan Pattern.

Handled with **Our Special Hickory Handle.**

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$20.35
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	20.90
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	21.45

WEIGHTS

Handled with 36 in. **4X Hand Shaved Second Growth Hickory Handles.**

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23.10
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	23.65
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	24.20

WEIGHTS

Handled with 36 in. **6X Hand Shaved Second Growth Hickory Handles.**

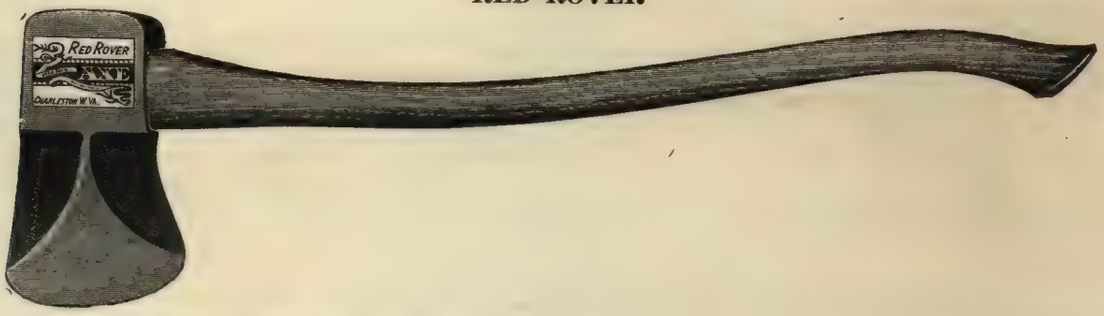
	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	$23.65
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	24.20
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	24.75

Average Weight Per Dozen 80 Pounds.

One Dozen in a Crate.

Men's Handled Axes.

RED ROVER

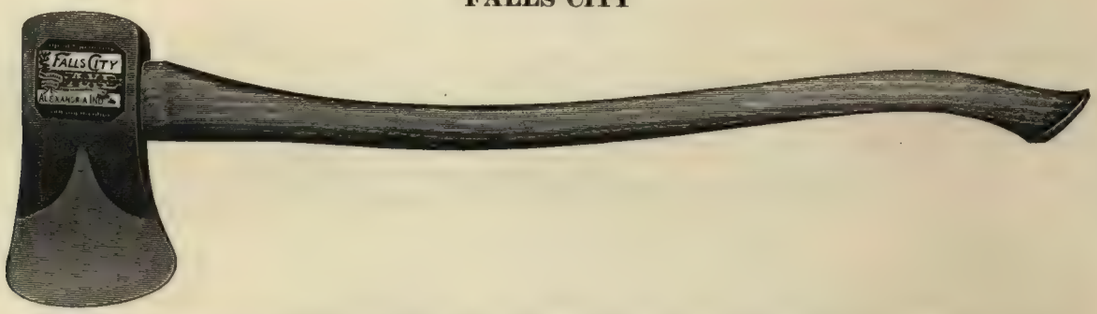


Red Rover—Extra Quality Steel, Blue Bevel, Red Finish, Michigan Pattern Only, Handled with **Walnut** Stained Hickory Handle.

	Per Dozen
Group No. 2—Consisting of 3½ to 4 Lbs., 3½ to 4½ Lbs.	**$17.45**

Average Weight Per Dozen 80 Pounds.
One Dozen in a Crate.

FALLS CITY



Falls City—Extra Quality Diamond Steel, Blue Bevel, Red Finish, Yankee and Michigan Pattern.

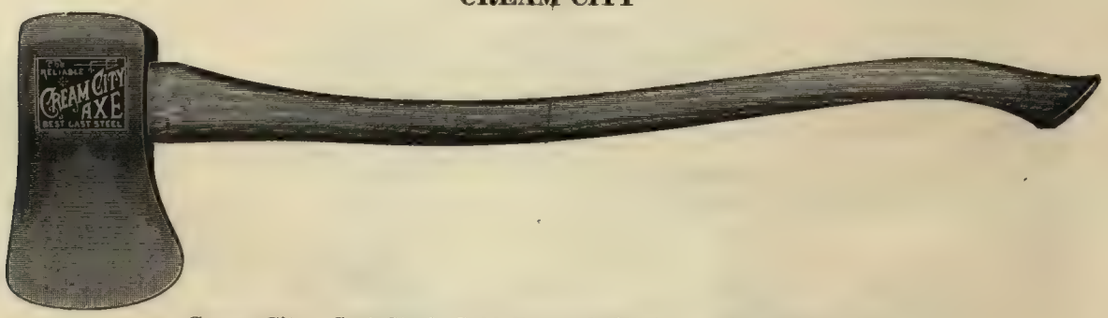
Handled with 36 in. **Extra Turned** Hickory Handles.

WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$17.75**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**18.35**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**18.90**

Average Weight Per Dozen 78 Pounds.
One Dozen in a Crate.

CREAM CITY



Cream City—Cast Steel, Gold Bronzed, Yankee and Michigan Pattern.

Handled with 36 in. **Extra Turned** Hickory Handles.

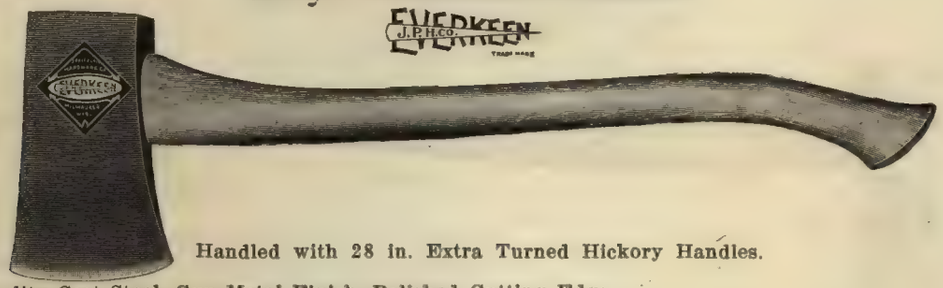
WEIGHTS

	Per Dozen
Group No. 1—Consisting of 3 to 4 Lbs., 3¼ to 3¾ Lbs.	**$16.65**
Group No. 2—Consisting of 3¼ to 4¼ Lbs., 3½ to 4 Lbs., 3½ to 4½ Lbs.	**$17.20**
Group No. 3—Consisting of 3¾ to 4¾ Lbs., 4 to 5 Lbs.	**17.75**

Average Weight Per Dozen 78 Pounds.
One Dozen in a Crate.

NOTE—Combinations of any other styles of Axes and Handles, either Single or Double Bit, not mentioned, will be furnished to order.

Boys' Handled Axes.

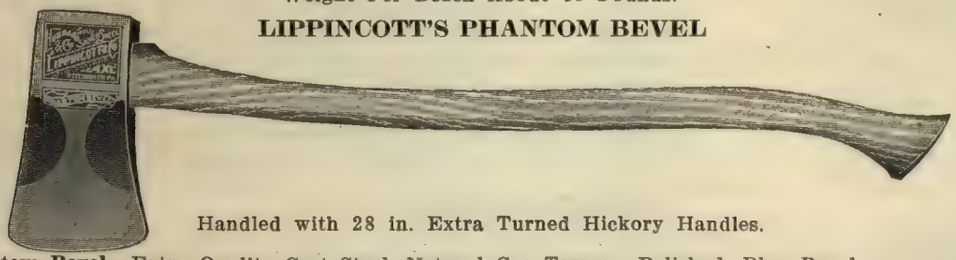


Handled with 28 in. Extra Turned Hickory Handles.

Per Dozen

EVERKEEN—Extra Quality Cast Steel, Gun Metal Finish, Polished Cutting Edge $13.35
Weight Per Dozen About 45 Pounds.

LIPPINCOTT'S PHANTOM BEVEL

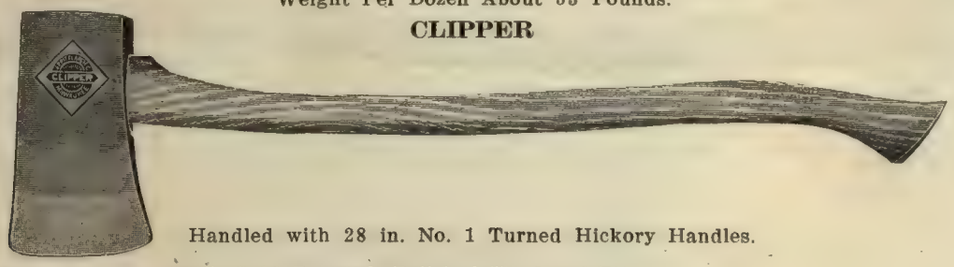


Handled with 28 in. Extra Turned Hickory Handles.

Per Dozen

Lippincott's Phantom Bevel—Extra Quality Cast Steel, Natural Gas Temper, Polished, Blue Bevel..... $14.45
Weight Per Dozen About 53 Pounds.

CLIPPER



Handled with 28 in. No. 1 Turned Hickory Handles.

Per Dozen

Clipper—Extra Quality Diamond Steel, Gold Bronzed, Polished Head and Bit $12.25
Weight Per Dozen About 45 Pounds.

LITTLE GIANT

Handled with 28 in. Turned Hickory Handles.

Per Dozen

Little Giant—Extra Quality Cast Steel, Blue Bevel, Red Finish, Polished Head and Bit..... $12.25
Weight Per Dozen About 50 Pounds.
All Above, One Dozen in a Box.

Boy Scout Axes.

VULCAN

Extra Quality Cast Steel, Ebonite Finish, Polished Cutting Edge, Extra Hickory Fawn Foot Handle.

Per Dozen

No. 500—3⅛ in. Cut, 5½ in. High, 13 in. Handle, Weight Each About 1½ Lbs., **without Sheath** $11.70
Weight Per Dozen About 21 Pounds.
One-half Dozen in a Box. Per Dozen

No. 100—Sheath for Above, 4x6 in. Russet Leather, with Button Clasp, Weight Each About ¼ Lb.... $6.70
Open Stock.

Sportsmen's Hatchets.

MASTER HUNTER.

Thin Bit, Warranted Solid Tool Steel, Full Polished, Selected Hickory Axe Handle Shape Handle.

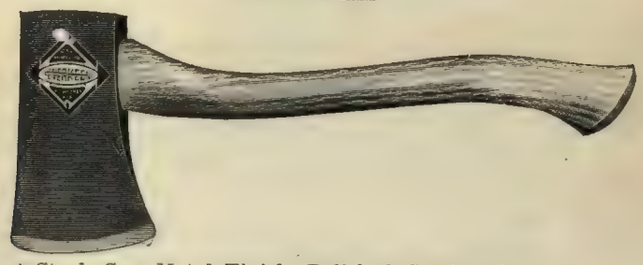
Per Dozen

No. MH25—Master Hunter, 3¼ in. Cut, 5 in. High, 14 in. Handle, Weight Each 1½ Lbs..... $16.50
Weight Per Dozen About 22 Pounds.
One-half Dozen in a Box.

Per Dozen

Extra Sheaths—For Above..... $5.00

Sportsmen's Hatchets.

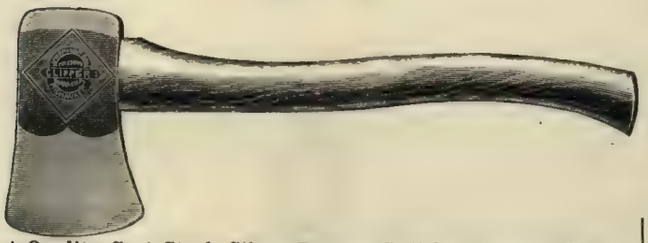


Extra Quality Cast Steel, Gun Metal Finish, Polished Cutting Edge, Extra Hickory Handle.

Per Dozen

No. E51—EVERKEEN, 3⅛ in. Cut, 5¼ in. High, 13 in. Handle, Weight Each 1¼ Lbs. **$12.50**
Weight Per Dozen About 21 Pounds.
One-half Dozen in a Box.

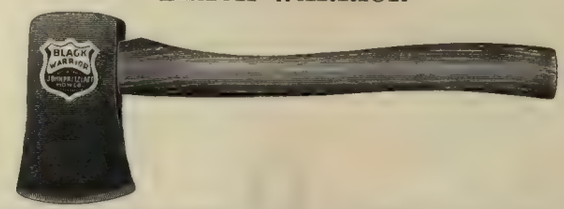
CLIPPER



Best Quality Cast Steel, Silver Bronze, Polished Cutting Edge, No. 1 Hickory Handle. Per Dozen

No. 01—Clipper, 2¾ in. Cut, 5 in. High, 13 in. Handle, Weight Each 1¼ Lbs. **$11.10**
Weight Per Dozen About 19 Pounds.
One-half Dozen in a Box.

BLACK WARRIOR

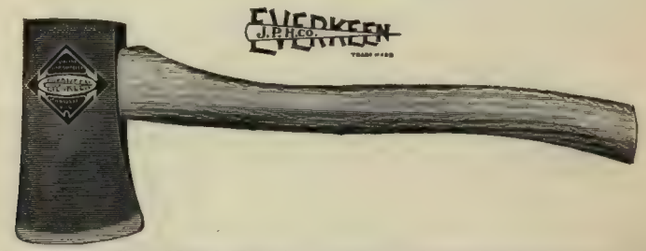


Cast Steel, Black Finish, Polished Cutting Edge, Hickory Handle. Per Dozen

No. 00—Black Warrior, 2¾ in. Cut, 4¾ in. High, 13 in. Handle, Weight Each 1 Lb. **$10.00**

No. 0—Black Warrior, 3 in. Cut, 5¼ in. High, 13 in. Handle, Weight Each 1½ Lbs. **10.55**
Weight Per Dozen About 20 Pounds.
One-half Dozen in a Box.

Hunters' Hatchets

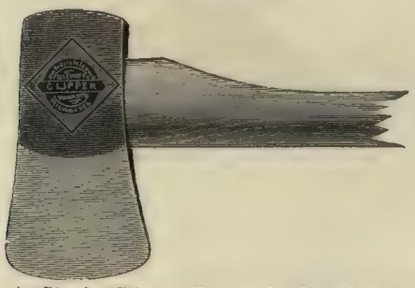


Extra Quality Cast Steel, Gun Metal Finish, Polished Cutting Edge, Extra Hickory Handle.

Per Dozen

No. EH1—EVERKEEN, 3¼ in. Cut, 5¼ in. High, 16 in. Handle, Weight Each 1½ Lbs. **$12.25**
Weight Per Dozen About 24 Pounds.
One-half Dozen in a Box.

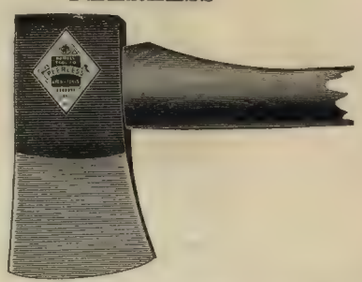
CLIPPER



Extra Cast Steel, Silver Bronzed, Polished Cutting Edge, No. 1 Hickory Handle. Per Dozen

No. 1—Clipper, 3¼ in. Cut, 5⅛ in. High, 16 in. Handle, Weight Each 1½ Lbs. **$11.70**
Weight Per Dozen About 24 Pounds.
One-half Dozen in a Box.

PEERLESS



Extra Cast Steel, Gold Bronzed, Polished Cutting Edge, Extra Hickory Handle. Per Dozen

No. 11—Peerless, 3⅛ in. Cut, 5¼ in. High, 16 in. Handle, Weight Each 1½ Lbs. **$11.70**
Weight Per Dozen About 22 Pounds.
One-half Dozen in a Box.

Ship Adzes.

BEATTY'S

Plain, Adze Eye, with Spur Head.
Extra Quality Cast Steel, Blued Finish, Polished Bit.

Per Dozen
No. 5—Beatty's, 4¼ to 5½ in. Cut, Weight Each 2½ to 3 Lbs. **$40.00**
Average Weight Per Dozen About 40 Pounds.
One-half Dozen in a Box.

Side Lipped, Adze Eye, with Spur Head.
Extra Quality Cast Steel, Blued Finish, Polished Bit.

Per Dozen
No. 05—Beatty's, 4½ to 5½ in. Cut, Weight Each 3 to 3½ Lbs. **$44.50**
Average Weight Per Dozen About 45 Pounds.
One-half Dozen in a Box.

WHITE'S

Plain, with Spur Head.
No. 44—White's, Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit.

Cut, Inches	4¼	4½ to 5	5½
Per Dozen	$56.60	62.25	67.95

Weight Each 3 to 3½ Pounds.
Average Weight Per Dozen About 45 Pounds.
One-half Dozen in a Box.

Side Lipped, with Spur Head.
No. 45—White's, Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit.

Cut, Inches	4¼	4½ to 5	5½
Per Dozen	$62.25	67.95	73.60

Weight Each 3 to 3½ Pounds.
Average Weight Per Dozen About 45 Pounds.
One-half Dozen in a Box.

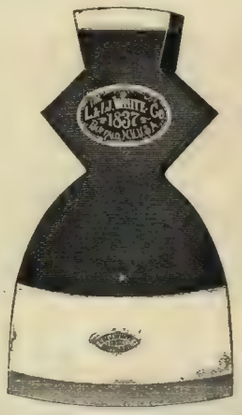
Ship Axes.

BEATTY'S

Extra Heavy Cast Steel, Blue Finish, Polished Head and Bit.

Per Dozen
No. 1—Beatty's, 6¼ to 6½ in. Cut, Weight Each 5 to 6 Lbs. **$44.50**
Average Weight Per Dozen About 75 Pounds.
One-half Dozen in a Box.

WHITE'S



Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit.

Per Dozen
No. 46—White's, Cut 6½ to 7 in., Weight Each 5 to 6 Lbs. **$67.95**
Average Weight Per Dozen About 75 Pounds.
One-half Dozen in a Box.

Adzes

Carpenters' Half Head.
Extra Quality Cast Steel, Gun Metal Finish, Polished Head and Bit.

Per Dozen
No. E15—EVERKEEN 3½ to 4½ in. Cut, Weight Each 3¾ to 4 Lbs. **$26.65**
Average Weight Per Dozen About 56 Pounds.
One-half Dozen in a Box.

PEERLESS

Carpenters' Half Head.
Extra Quality Cast Steel, Gold Bronzed Finish, Polished Head and Bit.

Per Dozen
No. 24—Peerless, 3½ to 4½ in. Cut, Weight Each 3¾ to 4 Lbs. **$25.55**
Average Weight Per Dozen About 56 Pounds.
One-half Dozen in a Box.

CLIPPER

Carpenters' Half Head.
Extra Quality Cast Steel, Silver Bronzed Finish, Polished Head and Bit.

Per Dozen
No. 20—Clipper, 3½ to 4½ in. Cut, Weight Each 3¾ to 4 Lbs. **$22.25**
Average Weight Per Dozen About 56 Pounds.
One-half Dozen in a Box.

CLIPPER

Railroad, Full Head.
Extra Quality Cast Steel, Carbon Finish, Polished Head and Bit.

Per Dozen
No. 10—Clipper, 4½ to 6 in. Cut, Weight Each 4¼ to 4½ Lbs. **$24.45**
Average Weight Per Dozen About 56 Pounds.
One-half Dozen in a Box.

Butcher's Axes.

Extra Quality Cast Steel, Red Finish, 33 in. Handle.

Per Dozen
No. 5—5¼ in. Cut, Weight Each without Handle 4 Lbs. **$40.00**
Aver. Weight Per Dozen About 68 Lbs.
One Dozen in a Box.

Firemen's Axes.

Extra Quality Tool Steel, Pick Point, Gold Bronze Finish, Polished Bit and Poll, Red Painted, Hickory Handle.

Per Dozen
No. 25—4 in. Cut, Weight Each without Handle 3½ to 4½ Lbs., 36 in. Handle **$37.75**
Aver. Weight Per Dozen About 70 Lbs.
One Dozen in a Box.

Ice Axes.

Extra Quality Cast Steel, Red Finish, Polished Bit, Extra Hickory Handle.

Per Dozen
No. 50—2½ in. Round Edge, Weight Each without Handle 2¾ Lbs., 30 in. Handle **$26.65**
Weight Per Dozen About 50 Pounds.
One Dozen in a Box.

Broad Axes.

EVERKEEN, Special Pattern.

Extra Quality Cast Steel, Gold Bronzed, Polished Head and Bit, 11 to 13 in. Cut.

Weights Assorted, Lbs.....	6 to 7	7 to 8½
Average Weight Per Dozen, Lbs....	85	100
Per Dozen	$50.10	52.40

One-half Dozen in a Box.

PEERLESS

Peerless, Canada Pattern.

Refined Cast Steel, Gold Bronzed, Polished Head and Bit, 11 to 13 in. Cut.

Weights Assorted, Lbs.....	5½ to 6½	7 to 8½	9 to 11
Aver. Weight Per Dozen, Lbs.	78	100	120
Per Dozen	$47.85	52.40	56.95

One-half Dozen in a Box.

BEATTY'S

Beatty's, Canada Pattern.

Refined Cast Steel, Gold Bronzed, Polished Head and Bit. 11 to 13 in. Cut.

Weights Assorted, Lbs.....	5½ to 6½	7 to 8½	9 to 11
Aver. Weight Per Dozen, Lbs.	78	100	120
Per Dozen	$44.30	48.50	52.75

One-half Dozen in a Box.

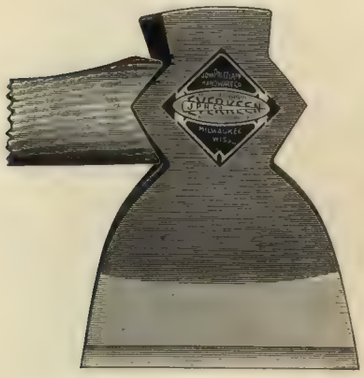
Beatty's, Western Pattern.

Refined Cast Steel, Gold Bronzed, Polished Head and Bit. 11 to 13 in. Cut.

Weights Assorted, Lbs.....	5½ to 6½	6 to 7	6 to 7½
Av. Weight Per Dozen, Lbs.	78	84	90
Per Dozen	$38.40	38.40	38.40
Weights Assorted, Lbs.....	6½ to 8	7 to 8	8 to 9½
Av. Weight Per Dozen, Lbs.	90	96	108
Per Dozen	$42.00	42.00	45.60

One-half Dozen in a Box.

Hatchets.



EVERKEEN J.P.H.CO

BENCH

Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E2	E3	E4	E5	E6	E7
Cut, Inches	4½	5	5½	6	6½	7
Weight Each	1 Lb. 12 Oz.	2 Lb. 2 Oz.	2 Lb. 8 Oz.	2 Lb. 14 Oz.	3 Lb. 4 Oz.	3 Lb. 12 Oz.
App. Weight Doz., Lbs.	30	36	42	48	57	66
Per Dozen	$15.35	17.35	19.35	22.00	24.00	26.00

Weights EACH do Not Include Handle.

One-half Dozen in a Box.

SHINGLING

Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E11	E12	E13
Cut, Inches	3½	3¾	4
Weight Each	1 Lb. 4 Oz.	1 Lb. 8 Oz.	1 Lb. 12 Oz.
App. Weight Dozen, Lbs.	24	28	32
Per Dozen	$10.70	11.35	12.00

Weights EACH do Not Include Handles.

One-half Dozen in a Box.

CLAW

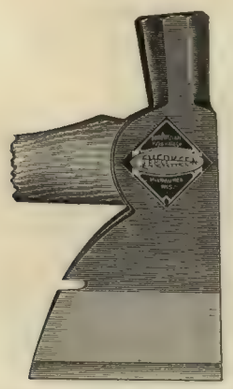
Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E21	E22	E23
Cut, Inches	3½	3¾	4
Weight Each	1 Lb. 4 Oz.	1 Lb. 8 Oz.	1 Lb. 12 Oz.
App. Weight Dozen, Lbs.	25	30	34
Per Dozen	$12.00	12.70	13.35

Weights EACH do Not Include Handles.

One-half Dozen in a Box.

HALF



Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E31	E32
Cut, Inches	3¼	3½
Weight Each	1 Lb. 4 Oz.	1 Lb. 8 Oz.
App. Weight Dozen, Lbs.	22	28
Per Dozen	$11.35	12.00

Weights EACH do Not Include Handles.

One-half Dozen in a Box.

LATHING

Forged from Swedish Iron, Best Tool Steel on Head, Inserted Tool Steel Cutting Edge, Ground and Sharpened, Blued Finish, Hickory Handle.

Nos.	E41	E42
Cut, Inches	2½	2¾
Weight Each	12 Oz.	1 Lb.
App. Weight Dozen, Lbs.	18	20
Per Dozen	$10.70	11.35

Weights EACH do Not Include Handles.

One-half Dozen in a Box.

Hatchets.

BLOOD'S

BENCH

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B2	B3	B4
Cut, Inches	4½	5	5½
Weight Each	1 lb. 12 oz.	2 lb. 2 oz.	2 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	32	35	43
Per Dozen	$14.50	16.40	18.30

Nos.	B5	B6	B7
Cut, Inches	6	6½	7
Weight Each	2 lb. 14 oz.	3 lb. 4 oz.	3 lb. 12 oz.
Approx. Weight Per Dozen, Lbs.	45	55	60
Per Dozen	$20.85	22.75	24.65

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

SHINGLING

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B11	B12	B13
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$10.10	10.75	11.35

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

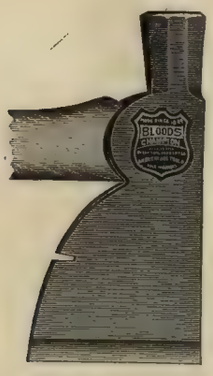
CLAW

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B21	B22	B23
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Doz., Lbs.	45	30	34
Per Dozen	$11.35	12.00	12.65

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

HALF



Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

Nos.	B31	B32
Cut, Inches	3⅛	3½
Weight Each	15 oz.	1 lb. 5 oz.
Approx. Wt. Per Dozen, Lbs.	21	27
Per Dozen	$10.75	11.35

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

LATHING

Hand Forged from the Best Tool Steel, Ground and Sharpened, Gun Metal Finish, Hickory Handle.

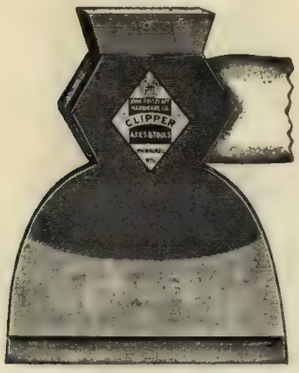
Nos.	B41	B42
Cut, Inches	2½	2¾
Weight Each	14 oz.	1 lb. 2 oz.
Approx. Wt. Per Dozen, Lbs.	20	24
Per Dozen	$10.10	10.75

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

Hatchets.

CLIPPER

BENCH



Hand Forged from the Best Crucible Steel, Ground and Sharpened, Silver Bronzed, Polished Head, Hickory Handle.

Nos.	C1	C2	C3	C4
Cut, Inches	4	4 7/8	5	5 1/2
Weight Each	1 lb. 8 oz.	1 lb. 12 oz.	2 lb. 2 oz.	2 lb. 8 oz.
Ap. Wt. Doz., Lbs.	26	32	35	43
Per Dozen	$12.00	13.15	14.90	16.60

Nos.	C5	C6	C7
Cut, Inches	6	6 1/2	7
Weight Each	2 lb. 14 oz.	3 lb. 4 oz.	3 lb. 12 oz.
Ap. Wt. Doz., Lbs.	46	54	60
Per Dozen	$18.90	20.60	22.30

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

SHINGLING

Hand Forged from the Best Crucible Steel, Ground and Sharpened, Silver Bronzed, Polished Head, Hickory Handle.

Nos.	C11	C12	C13
Cut, Inches	3 1/2	3 7/8	4 1/4
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Dozen, Lbs.	23	28	32
Per Dozen	$9.15	9.70	10.30

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

CLAW

Hand Forged from the Best Crucible Steel, Ground and Sharpened, Silver Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	C21	C22	C23
Cut, Inches	3 1/2	3 7/8	4 3/4
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$10.30	10.90	11.45

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

HALF

Hand Forged from the Best Crucible Steel, Ground and Sharpened, Silver Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	C31	C32
Cut, Inches	3 1/4	3 5/8
Weight Each	15 oz.	1 lb. 5 oz.
Approx. Wt. Per Dozen, Lbs.	21	27
Per Dozen	$9.75	10.30

Full Polished.

Nos.	C31P	C32P
Per Dozen	$12.70	13.25

Weights EACH Do Not Include Handle
One-half Dozen in a Box.

HALF, WITH CLAW

Hand Forged from the Best Crucible Steel, Ground and Sharpened, Silver Bronzed, Polished Head and Bit, Hickory Handle.

No.	C52
Cut, Inches	3 1/4
Weight Each	1 lb. 4 oz.
Approx. Wt. Per Dozen, Lbs.	26
Per Dozen	$10.90

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

LATHING, SQUARE POLL

Hand Forged from the Best Crucible Steel, Ground and Sharpened, Silver Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	C41	C42
Cut, Inches	2 1/2	2 3/4
Weight Each	14 oz.	1 lb. 1 oz.
Ap. Wt. Per Doz., Lbs.	20	23
Per Dozen	$9.15	9.70

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

Hatchets.

VULCAN

BENCH

Solid Cast Steel, Forged and Tempered, Jet Black Finish, Hickory Handle.

Nos.	V2	V3	V4	V5
Cut, Inches	4½	5	5½	6
Weight Each	1 lb. 12 oz.	2 lb. 2 oz.	2 lb. 8 oz.	2 lb. 14 oz.
Ap. Wt. Doz., Lbs.	32	35	42	46
Per Dozen	$13.80	15.60	17.40	19.80

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

FLOORING

Solid Cast Steel, Forged and Tempered, Jet Black Finish, Hickory Handle.

Nos.	V61	V62	V63
Cut, Inches	3¾	4¼	4½
Weight Each	1 lb.	1 lb. 5 oz.	1 lb. 10 oz.
Ap. Wt. Per Dozen, Lbs.	23	27	30
Per Dozen	$14.40	15.60	18.00

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

SHINGLING

Solid Cast Steel, Forged and Tempered, Jet Black Finish, Hickory Handle.

Nos.	V11	V12
Cut, Inches	3½	3¾
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.
Approx. Wt. Per Dozen, Lbs.	23	28
Per Dozen	$9.60	10.20

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

CLAW

Solid Cast Steel, Forged and Tempered, Jet Black Finish, Hickory Handle.

Nos.	V21	V22
Cut, Inches	3½	4
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx. Wt. Per Dozen, Lbs.	25	30
Per Dozen	$10.80	11.40

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

FALLS CITY

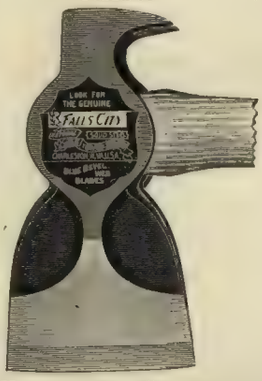
SHINGLING

Solid Cast Steel, Natural Gas Tempered and Tested, Fire Bronze, Blue Bevel Web Blade, Hickory Handle.

Nos.	FC11	FC12
Cut, Inches	3½	3⅞
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.
Approx. Wt. Per Dozen, Lbs.	23	28
Per Dozen	$8.90	9.50

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

CLAW



Solid Cast Steel, Natural Gas Tempered and Tested, Fire Bronze, Blue Bevel Web Blade, Hickory Handle.

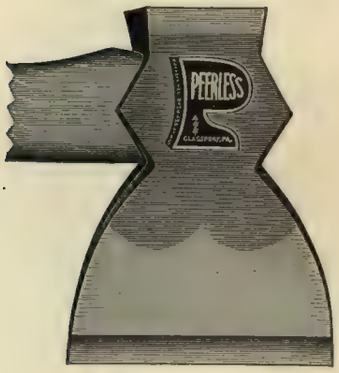
Nos.	FC21	FC22
Cut, Inches	3½	3⅞
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx. Wt. Per Dozen, Lbs.	25	29
Per Dozen	$10.00	10.60

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

Hatchets.

PEERLESS

BENCH



Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

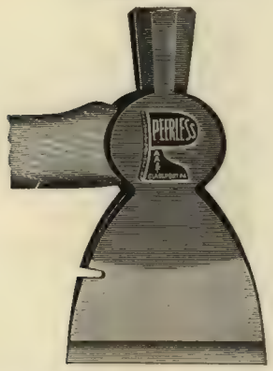
Nos.	P2	P3	P4
Cut, Inches	4½	5	5½
Weight Each	1 lb. 12 oz.	2 lb. 2 oz.	2 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	33	35	43
Per Dozen	$13.25	14.90	16.60

Nos.	P5	P6	P7
Cut, Inches	6	6½	7
Weight Each	2 lb. 14 oz.	3 lb. 4 oz.	3 lb. 12 oz.
Approx. Weight Per Dozen, Lbs.	45	55	60
Per Dozen	$18.90	20.60	22.30

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

SHINGLING



Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P11	P12	P13
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$9.15	9.70	10.30

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

CLAW

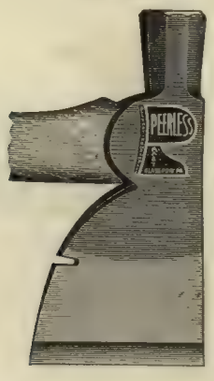
Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P21	P22	P23
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Doz., Lbs.	25	30	35
Per Dozen	$10.30	10.90	11.45

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

HALF



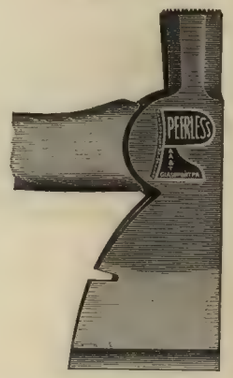
Crucible Tool Steel, Polished and Etched, Hickory Handle.

Nos.	P31P	P32P
Cut, Inches	3⅛	3½
Weight Each	15 oz.	1 lb. 5 oz.
Approx. Wt. Per Dozen, Lbs.	23	28
Per Dozen	$12.70	13.25

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

LATHING



Crucible Tool Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	P41	P42
Cut, Inches	2½	2¾
Weight Each	14 oz.	1 lb. 1 oz.
Approx. Wt. Per Dozen, Lbs.	23	28
Per Dozen	$9.15	9.70

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

Hatchets.

PEERLESS

SHINGLING

Atco Steel, Forged, Adze Eye, Octagon Neck, Round Poll, Gold Bronze Finish, Polished Head and Bit, Hickory Handle.

Nos.	PO11	PO12
Cut, Inches	3½	3⅞
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx. Weight Per Dozen, Lbs.	24	27
Per Dozen	$12.20	12.75

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

HALF

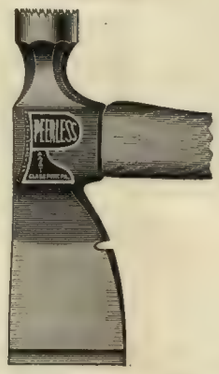
Atco Steel, Adze Eye, Octagon Neck, Round Poll, Gold Bronze Finish, Polished Head and Bit, Hickory Handle.

Nos.	PO31	PO32
Cut, Inches	2⅝	2⅞
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx. Wt. Per Dozen, Lbs.	24	27
Per Dozen	$12.75	13.35

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

LATH



Atco Steel, Adze Eye, Octagon Neck, Round Poll, Gold Bronze Finish, Polished Head and Bit, Hickory Handle.

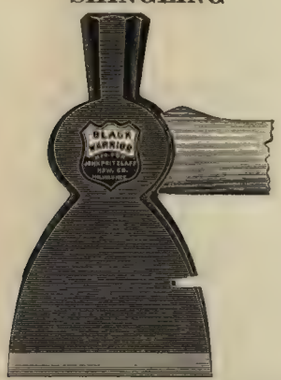
Nos.	PO41	PO42
Cut, Inches	2½	2¾
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.
Approx. Wt. Per Dozen, Lbs.	21	24
Per Dozen	$12.20	12.75

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

BLACK WARRIOR

SHINGLING



Cast Steel, Natural Black Finish, Hickory Handle.

Nos.	BW11	BW12	BW13
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$8.35	8.90	9.45

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

CLAW

Cast Steel, Natural Black Finish, Hickory Handle.

Nos.	BW21	BW22	BW23
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$9.45	10.00	10.55

Weights EACH Do Not Include Handle.

One-half Dozen in a Box.

Hatchets.

BADGER STATE

SHINGLING

Cast Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	111	112	113
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$8.35	8.90	9.45

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

CLAW

Cast Steel, Gold Bronzed, Polished Head and Bit, Hickory Handle.

Nos.	121	122	123
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$9.45	10.00	10.55

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

USONA

SHINGLING

Forged Tool Steel, Black Painted, Polished Head and Bit, Hickory Handle.

Nos.	U11	U12	U13
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 1 oz.	1 lb. 7 oz.	1 lb. 13 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$8.35	8.90	9.45

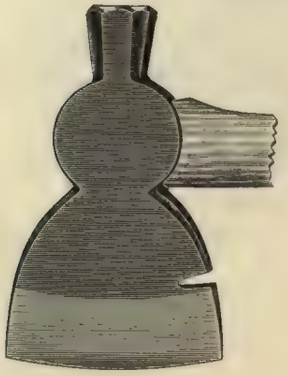
Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

CLAW

Forged Tool Steel, Black Painted, Polished Head and Bit, Hickory Handle.

Nos.	U21	U22	U23
Cut, Inches	3½	3⅞	4⅜
Weight Each	1 lb. 3 oz.	1 lb. 9 oz.	1 lb. 15 oz.
Ap. Wt. Per Dozen, Lbs.	25	30	34
Per Dozen	$9.45	10.00	10.55

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.



Cast Iron Hatchets.

SHINGLING

Solid Cast Iron, Red Finish, Ground and Sharpened, Polished Bit, Hardwood Handle.

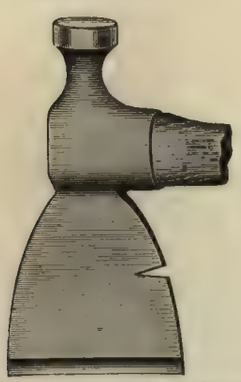
No.	1152
Cut, Inches	3½
Weight Each	1 lb. 6 oz.
Approx. Weight Per Dozen, Lbs.	21
Per Dozen	$3.00

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

Hatchets.

HAINES

SHINGLING

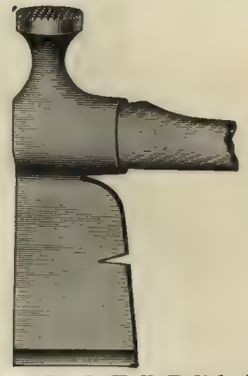


Refined Crucible Cast Steel, Full Polished, Bell Face, Adze Eye, Ground and Sharpened, Hickory Handle.

Nos.	H11	H12
Cut, Inches	3¼	3½
Weight Each	1 lb.	1 lb. 4 oz.
Approx. Wt. Per Dozen, Lbs.	21	24
Per Dozen	$17.75	18.90

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

LATHING



Refined Crucible Cast Steel, Full Polished, Bell Face, Adze Eye, Ground and Sharpened, Hickory Handle.

No.	H41
Cut, Inches	2¼
Weight Each	1 lb.
Approx. Weight Per Dozen, Lbs.	21
Per Dozen	$17.75

Weights EACH Do Not Include Handle.
One-half Dozen in a Box.

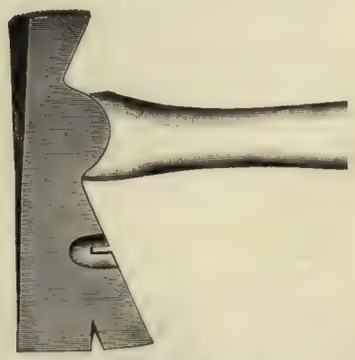
BARRELING VULCAN

Solid Cast Steel, Forged and Tempered, Jet Black Finish, ¾ x ⅞ in. Scored Head, 10¼ in. Hickory Handle.

No.	130
Cut, Inches	2¼
Length of Head, Inches	5½
Weight Each, Oz	10
Approx. Wt. Per Dozen, Lbs.	14
Per Dozen	$8.90

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

BARRELING SAYRE'S



Extra Quality Tool Steel, Full Polished, 1 in. Scored Head, 12 in. Hickory Handle.

No.	129
Cut, Inches	2¼
Length of Head, Inches	5½
Weight Each, Oz	12
Approx. Wt. Per Dozen, Lbs.	16
Per Dozen	$12.80

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

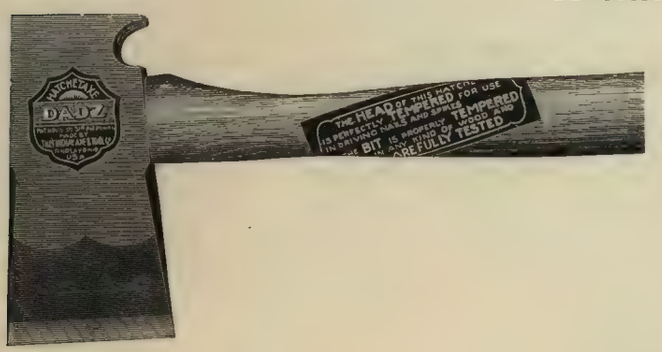
CAR BUILDERS' GERMANTOWN TOOL WORKS

Warranted Solid Tool Steel, Scored Head, Octagon Neck, Round Poll, Fire Bronzed, Ground and Sharpened, Hickory Handle.

No.	0318
Cut, Inches	3½
Weight Each	1 lb. 3 oz.
Ap. Wt. Per Dozen, Lbs.	20
Per Dozen	$16.70

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Hatchet Axes.



Tempered Head and Blade, Carefully Tested.

PerDozen

No. 2—Dadz Hatchetaxe, Cast Steel, Red Body, Polished Poll, Black Bit, Cut 3⅛ in., Weight Each 1¾ Lbs., 14 in. Hickory Handle, Approx. Weight Per Dozen 30 Lbs. $8.90

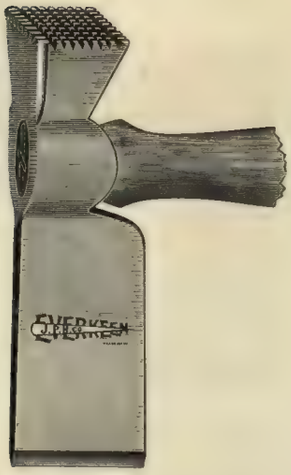
This Tool is designed for Household Use.

Weight EACH Does Not Include Handle.

One-half Dozen in a Box.

Lathing Hatchets.

EVERGREEN J.P.H.CO.

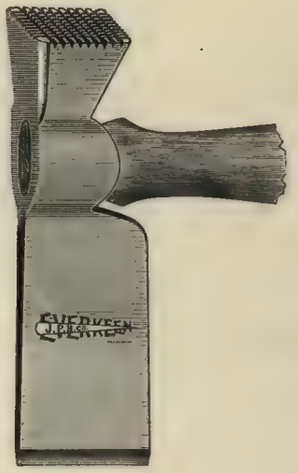


Square Head, EVERGREEN
Extra Quality Cast Steel, Full Polished.

Per Dozen

No. E20—Chicago Pattern, 81 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$26.65**

Approx. Weight Per Dozen About 25 Pounds.

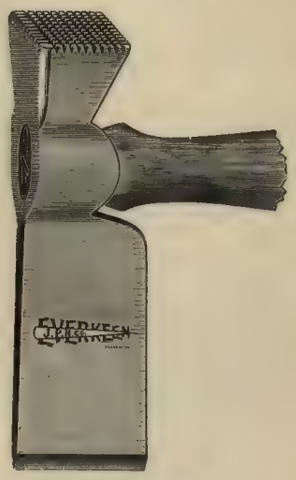


Square Head, EVERGREEN
Extra Quality Cast Steel, Full Polished.

Per Dozen

No. E25—St. Louis Pattern, 100 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$28.30**

Approx. Weight Per Dozen About 25 Pounds.



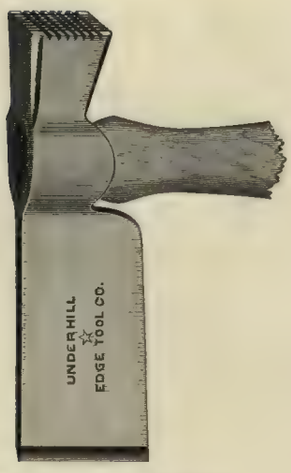
Square Head, EVERGREEN
Extra Quality Cast Steel, Full Polished.

Per Dozen

No. E26—Milwaukee Pattern, 121 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$28.90**

Approx. Weight Per Dozen About 25 Pounds.

UNDERHILL'S STAR



Square Head, Boston Star.

Solid Crucible Steel, Full Polished.

Per Dozen

No. U10—Boston Pattern, 64 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$25.30**

Approx. Weight Per Dozen About 25 Pounds.

Square Head, Boston Star.

Solid Crucible Steel, Full Polished.

Per Dozen

No. U40—Chicago Pattern, 81 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$26.10**

Approx. Weight Per Dozen About 25 Pounds.

Square Head, Boston Star.

Solid Crucible Steel, Full Polished.

Per Dozen

No. U50—St. Louis Pattern, 100 Points on Head, Cut 2 in., Weight Each without Handle 10 Oz. **$27.55**

Approx. Weight Per Dozen 25 Pounds.

One-half Dozen in a Box.

Lathing Hatchets.

UNDERHILL'S STAR

Square Head, Underhill.
Solid Crucible Steel, Full Polished.

Per Dozen
No. U11—Philadelphia Pattern, 49 Points on Head, Cut 2¼ in., Approx. Weight Each 15 Oz. . **$19.00**
One-half Dozen in a Box.

Bell Face, Boston Star.
Solid Crucible Steel, Full Polished.

Per Dozen
No. U15—Boston Star Pattern, Cut 2 in., Approx. Weight Each 14 Oz. **$25.30**
One-half Dozen in a Box.

HAMMOND'S

Adze Eye, Octagon Head and Neck.
Refined Crucible Cast Steel, Full Polished, Hickory Handle.

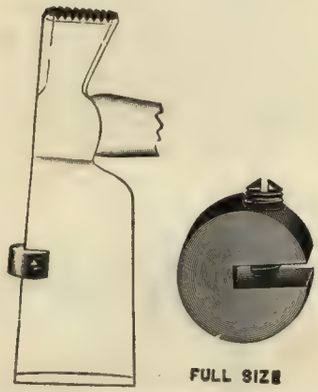
Per Dozen
No. 85—New York Pattern, Cut 2¼ in., Approx. Weight Each 14 Oz. **$17.75**
One-half Dozen in a Box.

Square Milled Head.
Refined Crucible Cast Steel, Full Polished, Hickory Handle.

Per Dozen
No. 97—Chicago Pattern, 81 Points on Head, Cut 2 in., Approx. Weight Each 1 Lb. **$22.25**
No. 98—St. Louis Pattern, 100 Points on Head, Cut 2⅛ in., Approx. Weight Each 1 Lb. 1 Oz. **24.45**
No. 99—Milwaukee Pattern, 121 Points on Head, Cut 2⅛ in., Approx. Weight Each 1 Lb. 2 Oz. **26.65**
One-half Dozen in a Box.

Weights EACH Do Not Include Handles.

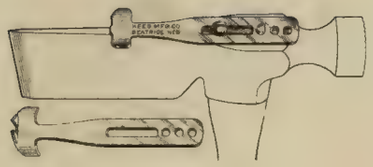
Shingle Gauges.



Per Dozen
No. 40—Shingle Gauges, Steel Body, with Headless Set Screw, White Nickel Finish. . **$2.00**
Weight Per Dozen 2 Pounds.
One Dozen in a Box.

Shingle Gauges.

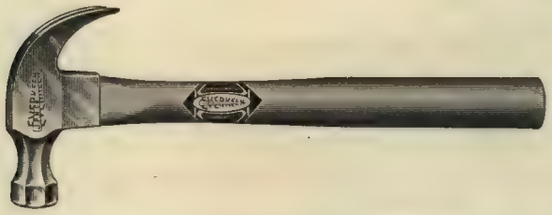
KEES'.

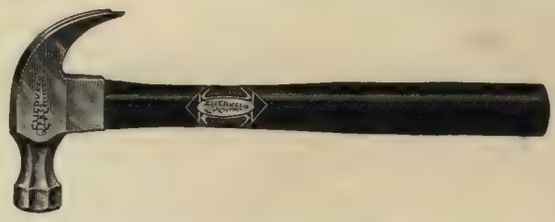


14 Gauge Cold Rolled Stamped Steel, Polished and Nickel Plated.

Per Dozen
No. 806—3¾ in. Long, Weight Per Dozen 1 Lb., Complete with Pins and Screws **$1.90**
Easily and quickly attached to any Shingling Hatchet. Seven quick adjustments by ¼ inches from 4¼ to 6 inches.
One Dozen in a Box.

Nail Hammers





Solid Cast Steel, Nickel Plated, Octagon Neck and Poll, Adze Eye, Selected Hickory Handles.

With Selected WHITE Hickory Handle.

Nos.	E31	E31½	E32
Size	1	1½	2
Approx. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.
Ap. Wt. Per Dozen, Lbs.	21	17	14
Per Dozen	$16.65	16.10	15.55

Weights EACH Do Not Include Handles.

With Selected EBONIZED Hickory Handle.

Nos.	EB31	EB31½	EB32
Size	1	1½	2
Approx. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.
Ap. Wt. Per Dozen, Lbs.	21	17	14
Per Dozen	$17.75	17.20	16.65

Weights EACH Do Not Include Handles.

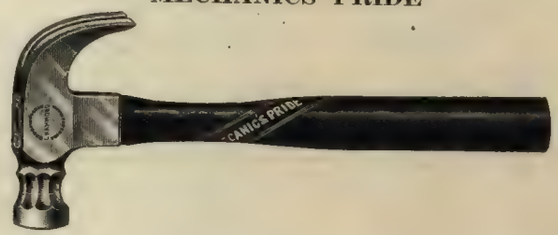
PRITZLAFF'S BRILLIANT

Solid Cast Steel, Nickel Plated, Round Neck, Octagon Poll, Adze Eye, Walnut Stained Hickory Handle.

Nos.	101	101½	102
Size	1	1½	2
Approx. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.
Ap. Wt. Per Dozen, Lbs.	21	17	14
Per Dozen	$15.55	15.00	14.45

Weights EACH Do Not Include Handles.

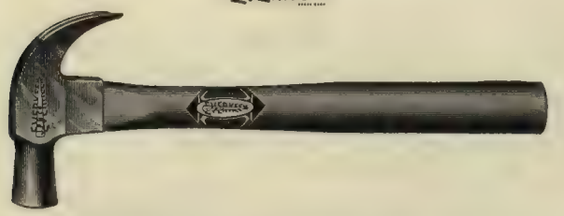
MECHANICS' PRIDE



Best Refined Crucible Cast Steel, Forged, Nickel Plated, Round Face, Octagon Neck, Adze Eye, Ebonized Hickory Handle.

No.	175
Size	1½
Approx. Weight Each, Lb.	1
Approx. Weight Per Dozen, Lbs.	17
Per Dozen	$20.00

Weights EACH Do Not Include Handles.



Solid Crucible Cast Steel, Full Polished, Plain Face, Adze Eye, Selected Hickory Handle.

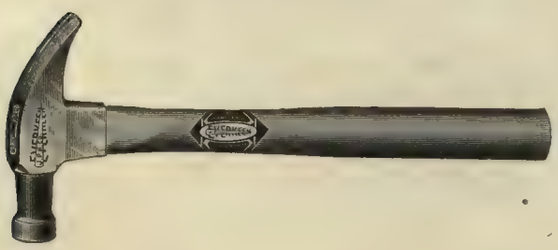
Nos.	E1	E1½	E2	E3
Size	1	1½	2	3
Ap. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7½ oz.
Ap. Wt. Doz., Lbs.	21	17	14	9
Per Dozen	$12.25	11.70	11.15	10.60

Weights EACH Do Not Include Handles.

Solid Crucible Cast Steel, Full Polished, Bell Face, Adze Eye, Selected Hickory Handle.

Nos.	E11	E11½	E12	E12½	E13
Size	1	1½	2	2½	3
Ap. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	10 oz.	7½ oz.
Ap. Wt. Doz., Lbs.	21	17	14	12	9
Per Dozen	$12.25	11.70	11.15	10.90	10.60

Weights EACH Do Not Include Handles.



RIPPING

Solid Crucible Cast Steel, Full Polished, Straight Claw, Bell Face, Adze Eye, Selected Hickory Handle.

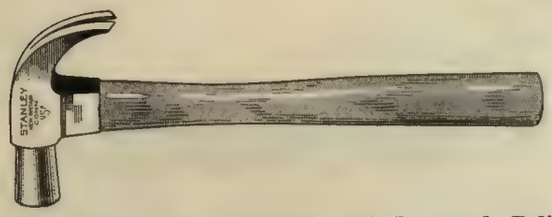
Nos.	ER11	ER11½
Size	1	1½
Approx. Weight Each	1 lb. 4 oz.	1 lb.
Approx. Weight Per Dozen, Lbs.	21	17
Per Dozen	$12.25	11.70

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box.

Nail Hammers.

STANLEY'S



Carefully Forged Steel, Hardened and Tempered, Polished, Plain Face, Adze Eye, Hickory Handle.

Nos.	S111	S111½	S112	S113	S114
Size	1	1½	2	3	4
Ap. Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.	5 oz.
Ap. Wt. Doz., Lbs.	21	18	14	10½	6½
Per Dozen	$11.25	10.65	10.00	9.35	9.05

Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, Polished, Bell Face, Adze Eye, Hickory Handle.

Nos.	S121½	S122	S122½	S123	S124
Size	1½	2	2½	3	4
Ap. Weight Each	1 lb.	13 oz.	10 oz.	7 oz.	5 oz.
Ap. Wt. Doz., Lbs.	17½	14	12	10½	6½
Per Dozen	$10.65	10.00	9.70	9.35	9.05

Weights EACH Do Not Include Handles.

STANLEY'S RIPPING

Carefully Forged Steel, Hardened and Tempered, Polished, Straight Claw, Plain Face, Adze Eye, Hickory Handle.

Nos.	S211½	S212
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	18½	15½
Per Dozen	$10.65	10.00

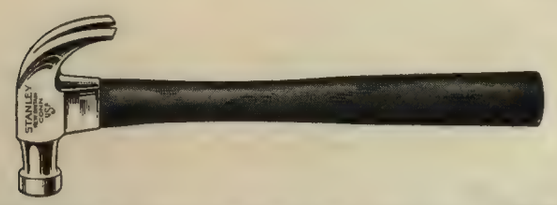
Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, Polished Straight Claw, Bell Face, Adze Eye, Hickory Handle.

Nos.	S221½	S222
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	19½	15½
Per Dozen	$10.65	10.00

Weights EACH Do Not Include Handles.

STANLEY'S



Carefully Forged Steel, Hardened and Tempered, NICKELED, Bell Face, Adze Eye, MAHOGANIZED Handle.

Nos.	SNM121½	SNM122
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	17½	14
Per Dozen	$16.75	16.25

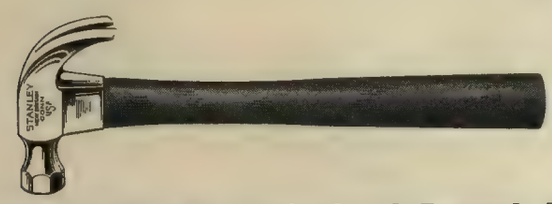
Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, FULL NICKEL PLATED, Bell Face, Adze Eye, ROUND NECK, OCTAGON POLL, Hickory Handle.

Nos.	SN131½	SN132
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	17½	14½
Per Dozen	$16.90	16.25

Weights EACH Do Not Include Handles.

STANLEY'S



Carefully Forged Steel, Hardened and Tempered, FULL NICKEL PLATED, Bell Face, Adze Eye, ROUND NECK, OCTAGON POLL, MAHOGANIZED Handle.

Nos.	SNM131½	SNM132
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	17½	14½
Per Dozen	$18.75	18.15

Weights EACH Do Not Include Handles.

Carefully Forged Steel, Hardened and Tempered, FULL NICKEL PLATED, Bell Face, Adze Eye, OCTAGON NECK AND POLL, MAHOGANIZED Handle.

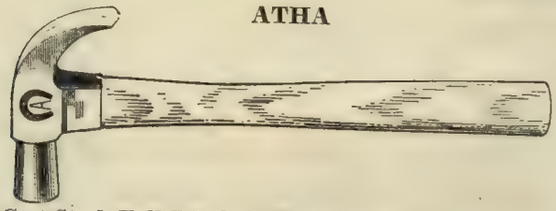
Nos.	SNM141½	SNM142
Size	1½	2
Ap. Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	18½	14½
Per Dozen	$18.75	18.15

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box.

Nail Hammers.

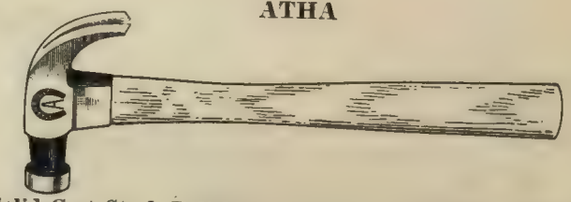
ATHA



Solid Cast Steel, Full Polished, Plain Face, Adze Eye, Selected Hickory Handle.

Nos.	41	41½	42	43
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt. Per Doz., Lbs.	21	18	14	10
Per Dozen	$10.80	10.20	9.60	9.00

ATHA



Solid Cast Steel, Polished, Bell Face, Adze Eye, Selected Hickory Handle.

Nos.	51	51½	52
Size	1	1½	2
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.
Ap. Wt. Per Dozen, Lbs.	21	17½	14
Per Dozen	$10.80	10.20	9.60

Nos.	52½	53	54
Size	2½	3	4
Weight Each	10 oz.	7 oz.	5 oz.
Ap. Wt. Per Dozen, Lbs.	12	10½	6½
Per Dozen	$9.30	9.00	8.70

ATHA, RIPPING

Solid Cast Steel, Full Polished, Straight Claw, Plain Face, Adze Eye, Selected Hickory Handle.

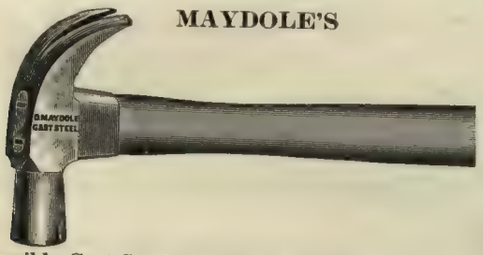
Nos.	41A	41½A
Size	1	1½
Weight Each	1 lb. 4 oz.	1 lb.
Ap. Weight Per Dozen, Lbs.	21	17
Per Dozen	$10.80	10.20

VANDOR VANADIUM

Vanadium Steel, Tempered, Reinforced Ribbed Claw, Polished, Silver Finish, Adze Eye, Octagon Neck, Select Hickory Handle.

Nos.	21½	22
Size	1½	2
Weight Each	1 lb.	13 oz.
Ap. Weight Per Dozen, Lbs.	17	14
Per Dozen	$17.80	17.80

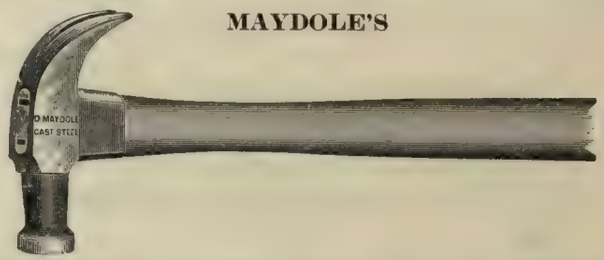
MAYDOLE'S



Solid Crucible Cast Steel, Full Polished, Plain Face, Adze Eye, Selected Hickory Handle.

Nos.	M1	M1½	M2	M3
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7½ oz.
Ap. Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$12.60	11.55	10.80	9.75

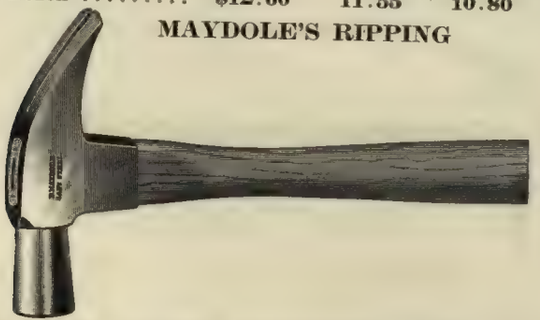
MAYDOLE'S



Solid Crucible Cast Steel, Polished, Bell Face, Adze Eye, Selected Hickory Handle.

Nos.	M11	M11½	M12	M12½	M13
Size	1	1½	2	2½	3
Weight Each	1 lb. 3 oz.	1 lb.	12 oz.	10 oz.	7 oz.
Ap. Wt. Doz., Lbs.	20	17	13	11	9
Per Dozen	$12.60	11.55	10.80	10.40	9.75

MAYDOLE'S RIPPING



Solid Crucible Cast Steel, Full Polished, Straight Claw, Plain Face, Adze Eye, Selected Hickory Handle.

Nos.	701	701½
Size	1	1½
Weight Each	1 lb. 4 oz.	1 lb.
Ap. Wt. Per Dozen, Lbs.	21	17
Per Dozen	$12.60	11.55

MAYDOLE'S RIPPING

Solid Crucible Cast Steel, Polished, Straight Claw, Bell Face, Adze Eye, Selected Hickory Handle.

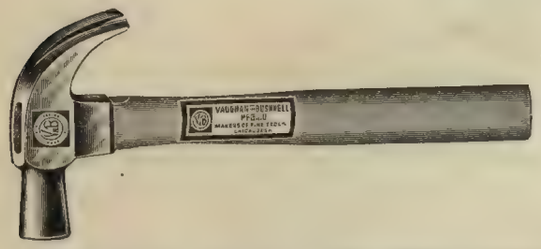
Nos.	711	711½	712
Size	1	1½	2
Weight Each	1 lb. 3 oz.	1 lb.	12 oz.
Ap. Wt. Per Dozen, Lbs.	20	17	14
Per Dozen	$12.60	11.55	10.80

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box.

Nail Hammers.

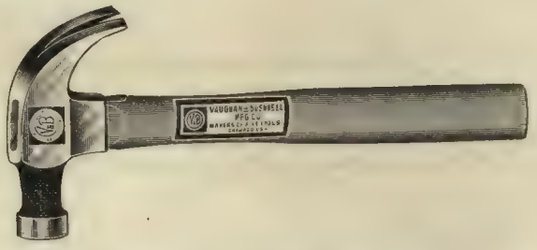
VAUGHAN & BUSHNELL



Drop Forged, Crucible Cast Steel, Full Polished, Plain Face, Adze Eye, Selected Hickory Handle.

Nos.	V1	V1½	V2	V3
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$10.80	10.25	9.70	9.25

Weights EACH Do Not Include Handles.

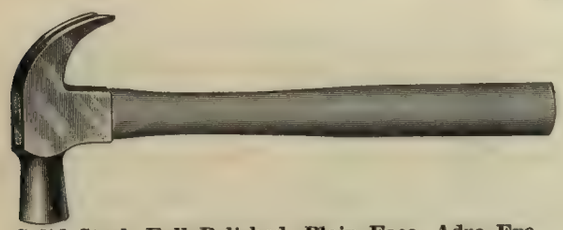


Drop Forged, Crucible Cast Steel, Polished, Bell Face, Adze Eye, Selected Hickory Handle.

Nos.	V11	V11½	V12	V13
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$10.80	10.25	9.70	9.25

Weights EACH Do Not Include Handles.

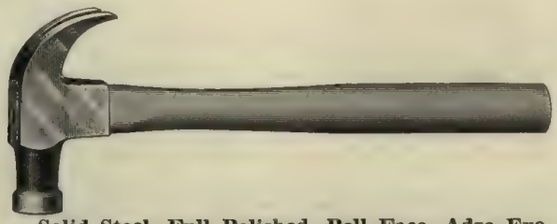
STANDARD



Solid Steel, Full Polished, Plain Face, Adze Eye, Hickory Handle.

Nos.	1	1½	2	3
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$7.25	7.00	6.70	6.35

Weights EACH Do Not Include Handles.

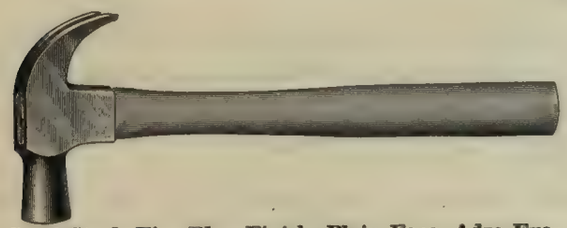


Solid Steel, Full Polished, Bell Face, Adze Eye, Hickory Handle.

Nos.	11	11½	12	13
Size	1	1½	2	3
Weight Each	1 lb. 4 oz.	1 lb.	13 oz.	7 oz.
Ap. Wt. Per Doz., Lbs.	21	17	14	9
Per Dozen	$7.25	7.00	6.70	6.35

Weights EACH Do Not Include Handles.

BANNER

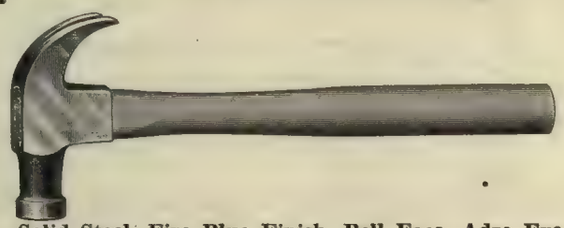


Solid Steel, Fire Blue Finish, Plain Face, Adze Eye, Hickory Handle.

Per Dozen

No. 50—Size 1½, Weight Each without Handle 1 Lb. . **$8.90**

Approximate Weight Per Dozen 17 Pounds.



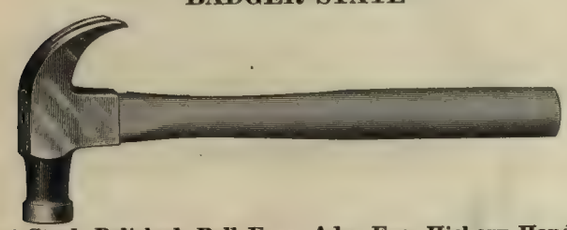
Solid Steel, Fire Blue Finish, Bell Face, Adze Eye, Hickory Handle.

Per Dozen

No. 55—Size 1½, Weight Each without Handle 1 Lb. . **$8.90**

Approximate Weight Per Dozen 17 Pounds.

BADGER STATE



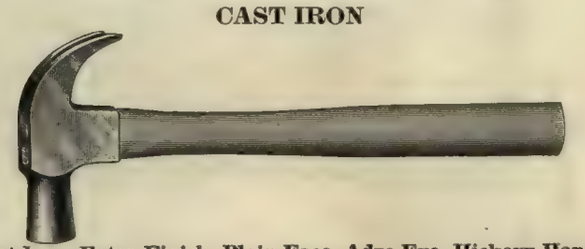
Cast Steel, Polished, Bell Face, Adze Eye, Hickory Handle.

Per Dozen

No. 7—Size 1½, Weight Each without Handle 1 Lb. . . **$5.00**

Approximate Weight Per Dozen 17 Pounds.

CAST IRON



Cast Iron, Extra Finish, Plain Face, Adze Eye, Hickory Handle.

Per Dozen

No. 2000—Size 1½, Weight Each without Handle 1 Lb. **$2.55**

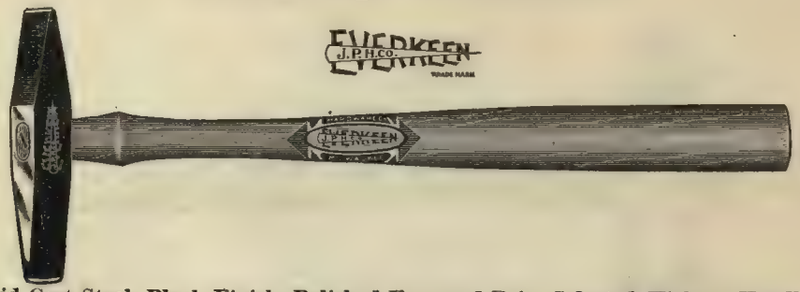
Cast Iron, Nickel Plated, Plain Face, Adze Eye, Ebonized Handle. Per Dozen

No. 3000—Size 1½, Weight Each without Handle 1 Lb. **$3.55**

Approximate Weight Per Dozen 17 Pounds.

All Above, One-half Dozen in a Box.

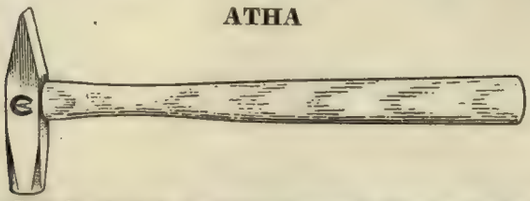
Riveting Hammers.



Solid Cast Steel, Black Finish, Polished Face and Pein, Selected Hickory Handle.

Nos.	E0	E1	E2	E3	E4	E5	E6	E7
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Ap. Weight Per Dozen, Lbs.	5	8	10	13	16	19	22	25
Per Dozen	$8.00	8.35	8.70	9.00	9.35	10.00	10.70	11.35

ATHA

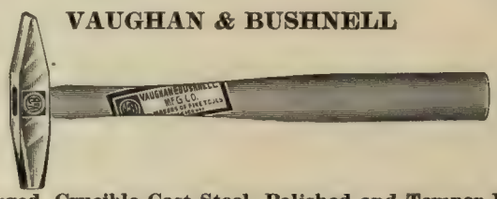


Solid Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	230	231	232	233
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.
Ap. Wt. Per Doz., Lbs.	5	8	9	12
Per Dozen	$7.35	7.70	8.00	8.35

Nos.	234	235	236	237
Weight Each	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Ap. Wt. Per Doz., Lbs.	16	18½	22	25
Per Dozen	$8.70	9.35	10.00	10.70

VAUGHAN & BUSHNELL

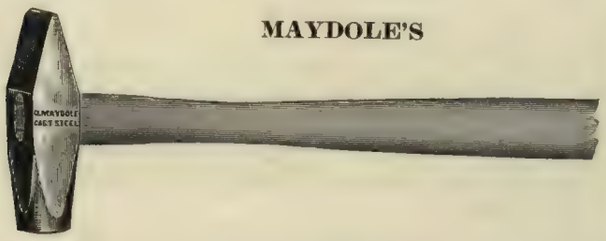


Drop Forged, Crucible Cast Steel, Polished and Temper Blued, Selected Hickory Handle.

Nos.	0	1	2	3
Weight Each	4 oz.	7 oz.	9 oz.	12 oz.
Ap. Wt. Per Doz., Lbs.	5	8	10	13
Per Dozen	$7.35	7.70	8.00	8.35

Nos.	4	5	6	7
Weight Each	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Ap. Wt. Per Doz., Lbs.	16	19	22	35
Per Dozen	$8.70	9.35	10.00	10.70

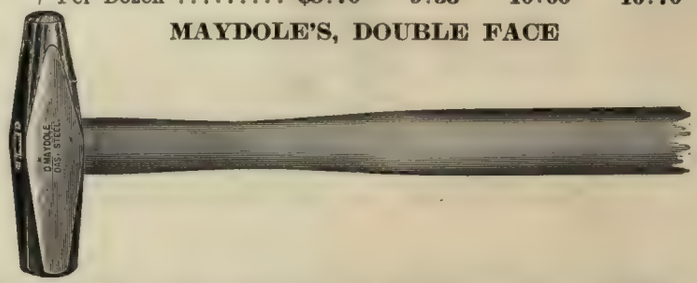
MAYDOLE'S



Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	40	41	42	43	44
Weight Each	1 lb. 8 oz.	1 lb. 2 oz.	13 oz.	7 oz.	4 oz.
Ap. Wt. Doz., Lbs.	27	19	14	9	5
Per Dozen	$11.05	9.45	7.80	6.85	6.50

MAYDOLE'S, DOUBLE FACE

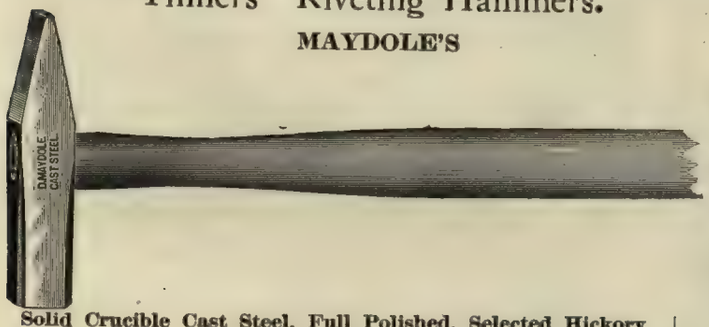


Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	240	241	242	243	244
Weight Each	1 lb. 10 oz.	1 lb. 3 oz.	12 oz.	8 oz.	5 oz.
Ap. Wt. Doz., Lbs.	30	20	13	9	6
Per Dozen	$13.55	11.40	9.55	8.30	7.70

Tinners' Riveting Hammers.

MAYDOLE'S

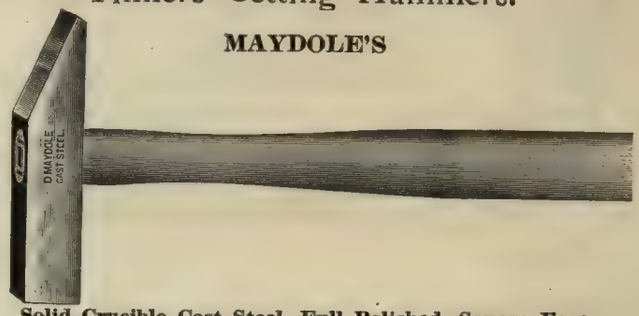


Solid Crucible Cast Steel, Full Polished, Selected Hickory Handle.

Nos.	291	292	293	294	295
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	8 oz.
Ap. Wt. Doz., Lbs.	27	21	17	13	10
Per Dozen	$12.90	11.80	10.65	9.90	9.15

Tinners' Setting Hammers.

MAYDOLE'S



Solid Crucible Cast Steel, Full Polished, Square Face, Selected Hickory Handle.

Nos.	301	302	303	304	305
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	12 oz.	8 oz.
Face, Inches	1⅛	1	15/16	⅞	¾
Ap. Wt. Doz., Lbs.	27	21	17	13	10
Per Dozen	$12.90	11.80	10.65	9.90	9.15

Weights EACH Do Not Include Handles.

All Above, One-half Dozen in a Box.

Machinists' Hammers.

Ball Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Black Finish, Polished Face, Pein and Sides, Selected Hickory Handle.

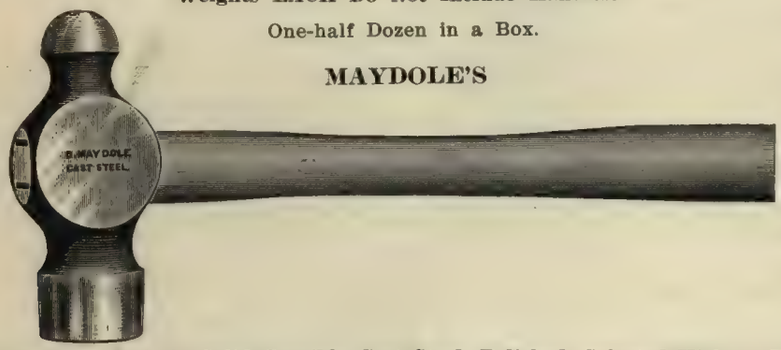
Nos.	E5–0	E4–0	E3–0	E2–0	E0	E1	E2
Weight Each	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	5	6¾	10	13	16	21	24
Per Dozen	$7.50	7.50	7.50	7.50	7.80	8.40	9.00

Nos.	E3	E4	E5	E6	E7	E8
Weight Each	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.	2 lb. 8 oz.	2 lb. 12 oz.	3 lb.
Approx. Weight Per Dozen, Lbs.	30	33	36	40	45	50
Per Dozen	$9.60	10.20	10.80	11.70	12.60	13.50

Weights EACH Do Not Include Handles.

One-half Dozen in a Box.

MAYDOLE'S

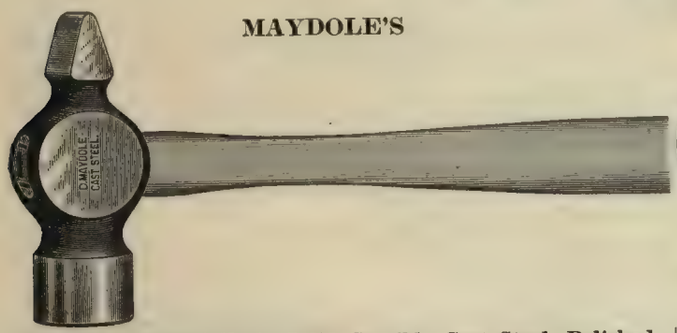


Ball Pein, Round Neck, Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	70	70½	71	72	73	74	75	76	77	78
Weight Each	3 lbs.	2 lb. 4 oz.	1 lb. 14 oz.	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.	13 oz.	10 oz.	7 oz.	5 oz.
Ap. Wt. Per Dozen, Lbs.	50	36	31	24	21	16	14	12	9	6
Per Dozen	$20.00	17.00	15.00	13.50	12.25	11.25	10.50	10.00	9.50	9.25

Weights EACH Do Not Include Handles.

MAYDOLE'S



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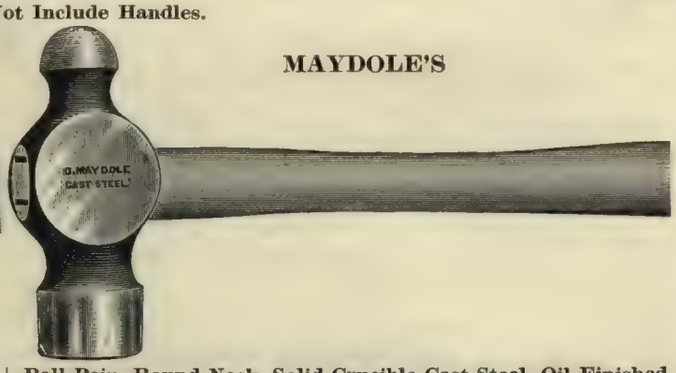


Cross Pein, Round Neck, Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	170	170½	171
Weight Each	3 lbs.	2 lb. 4 oz.	1 lb. 14 oz.
Ap. Wt. Per Doz., Lbs.	50	36	31
Per Dozen	$20.00	17.00	15.00

Nos.	172	173	174
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.
Ap. Wt. Per Doz., Lbs.	24	21	16
Per Dozen	$13.50	12.25	11.25

Nos.	175	176	177	178
Weight Each	13 oz.	10 oz.	7 oz.	5 oz.
Ap. Wt. Per Doz., Lbs.	14	12	9	6
Per Dozen	$10.50	10.00	9.50	9.25

Ball Pein, Round Neck, Solid Crucible Cast Steel, Oil Finished, Selected Hickory Handle.

Nos.	770	770½	771
Weight Each	3 lbs.	2 lb. 4 oz.	1 lb. 14 oz.
Ap. Wt. Per Doz., Lbs.	50	36	31
Per Dozen	$17.50	14.75	13.00

Nos.	772	773	774
Weight Each	1 lb. 8 oz.	1 lb. 4 oz.	1 lb.
Ap. Wt. Per Doz., Lbs.	24	21	16
Per Dozen	$11.50	10.50	9.50

Nos.	775	776	777	778
Weight Each	13 oz.	10 oz.	7 oz.	5 oz.
Ap. Wt. Per Doz., Lbs.	14	12	9	6
Per Dozen	$9.00	8.50	8.00	7.75

Weights EACH Do Not Include Handles.

One-third Dozen in a Box.

Machinists' Hammers.

ATHA

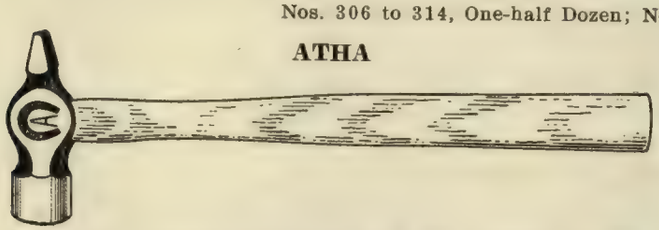
Ball Pein, Octagon Neck, Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	306	307	308	309	310	311
Weight Each	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.
Approx. Weight Per Dozen, Lbs.	5	7	10	13	16½	21
Per Dozen	$7.20	7.20	7.20	7.20	7.50	8.10

Nos.	312	313	314	315	316	317
Weight Each	1 lb. 8 oz.	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.	2 lbs. 8 oz.	2 lb. 12 oz.
Approx. Weight Per Dozen, Lbs.	24	26	30	33	38	42
Per Dozen	$8.70	9.30	9.90	10.50	11.40	12.30

Nos. 306 to 314, One-half Dozen; Nos. 315 to 317, One-third Dozen in a Box.

ATHA



Cross Pein, Octagon Neck, Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	350	351	352
Weight Each	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Ap. Wt. Per Dozen, Lbs.	16½	21	24
Per Dozen	$10.60	11.45	12.30

Nos.	353	354
Weight Each	1 lb. 12 oz.	2 lb.
Ap. Wt. Per Dozen, Lbs.	26½	30
Per Dozen	$13.15	14.00

One-half Dozen in a Box.

ATHA

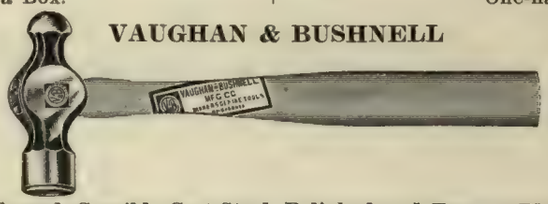
Straight Pein, Octagon Neck, Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	330	331	332
Weight Each	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Ap. Wt. Per Dozen, Lbs.	16½	21	24
Per Dozen	$10.60	11.45	12.30

Nos.	333	334
Weight Each	1 lb. 12 oz.	2 lb.
Ap. Wt. Per Dozen, Lbs.	26½	30
Per Dozen	$13.15	14.00

One-half Dozen in a Box.

VAUGHAN & BUSHNELL



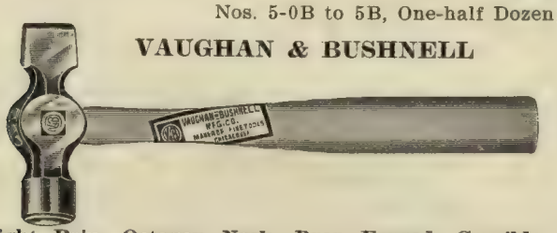
Ball Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Polished and Temper Blued, Selected Hickory Handle.

Nos.	5–0B	4–0B	3–0B	2–0B	0B	1B	2B
Weight Each	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	5	6¾	10	13	16	21	24
Per Dozen	$7.20	7.20	7.20	7.20	7.50	8.10	8.70

Nos.	3B	4B	5B	6B	7B	8B
Weight Each	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.	2 lb. 8 oz.	2 lb. 12 oz.	3 lb.
Approx. Weight Per Dozen, Lbs.	30	33	36	40	45	50
Per Dozen	$9.30	10.10	10.50	11.40	12.30	13.20

Nos. 5-0B to 5B, One-half Dozen; Nos. 6B to 8B, One-third Dozen in a Box.

VAUGHAN & BUSHNELL

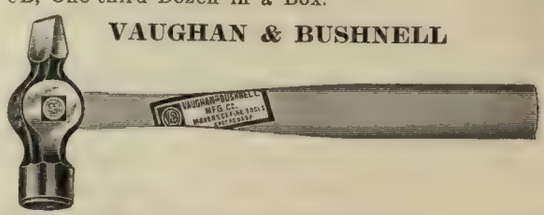


Straight Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Polished and Temper Blued, Selected Hickory Handle.

Nos.	0S	1S	2S
Weight Each	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Ap. Wt. Per Dozen, Lbs.	16	21	24
Per Dozen	$10.60	11.45	12.30

Nos.	3S	4S
Weight Each	1 lb. 12 oz.	2 lb.
Ap. Wt. Per Dozen, Lbs.	30	33
Per Dozen	$13.15	14.00

VAUGHAN & BUSHNELL



Cross Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Polished and Temper Blued, Selected Hickory Handle.

Nos.	0C	1C	2C
Weight Each	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.
Ap. Wt. Per Dozen, Lbs.	16	21	24
Per Dozen	$10.60	11.45	12.30

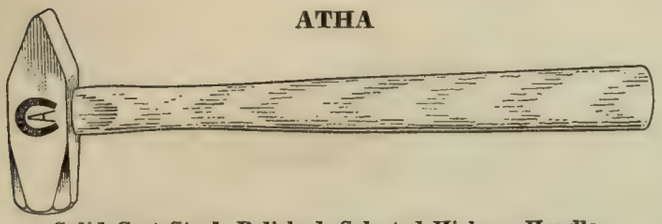
Nos.	3C	4C
Weight Each	1 lb. 12 oz.	2 lb.
Ap. Wt. Per Dozen, Lbs.	30	33
Per Dozen	$13.15	14.00

One-half Dozen in a Box.

Weights EACH Do Not Include Handles.

Blacksmiths' Hand Hammers.

ATHA

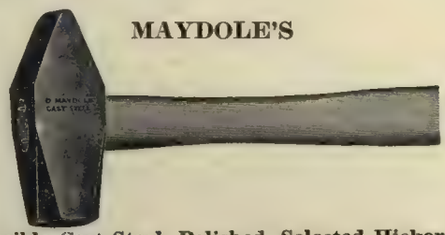


Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	400	401	402	403	404
Weight Each	1 lb. 10 oz.	2 lb.	2 lb. 10 oz.	3 lb.	3 lb. 8 oz.
Ap. Wt. Doz., Lbs.	24	31	37	44	50
Per Dozen	$18.70	12.60	13.50	14.40	15.30

Weights EACH Do Not Include Handles.
No. 400, One-half Dozen; No. 401 to 403, One-third Dozen; No. 404, One-sixth Dozen in a Box.

MAYDOLE'S



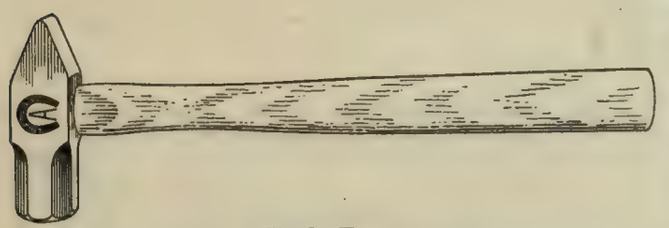
Solid Crucible Cast Steel, Polished, Selected Hickory Handles.

Nos.	60	60½	61	62
Weight Each	4 lb.	3 lb. 8 oz.	3 lb.	2 lb. 10 oz.
Ap. Wt. Doz., Lbs.	56	50	42	36
Per Dozen	$20.60	18.90	17.15	16.00

Weights EACH Do Not Include Handles.
One-third Dozen in a Box.

Engineers' Hammers.

ATHA



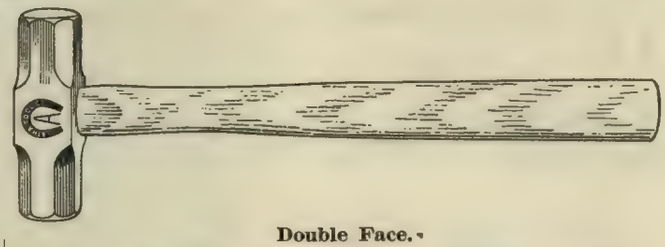
Single Face.

Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	380	381	382	383
Weight Each	1 lb. 2 oz.	1 lb. 10 oz.	2 lb.	2 lb. 8 oz.
Ap. Wt. Doz., Lbs.	19	23½	30	36
Per Dozen	$10.80	11.70	12.60	13.50

Nos.	384	385	386
Weight Each	3 lb.	3 lb. 8 oz.	4 lb. 8 oz.
Ap. Wt. Doz., Lbs.	42¾	50	62
Per Dozen	$14.40	15.30	17.10

Weights EACH Do Not Include Handles.
Nos. 380 to 382, One-half Dozen; Nos. 383 and 384, One-third Dozen; Nos. 385 and 386, One-sixth Dozen in a Box.



Double Face.

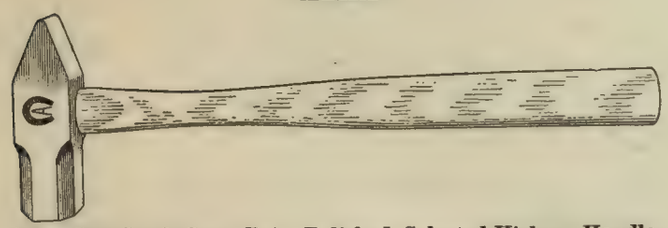
Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	391	392	393	394
Weight Each	1 lb. 8 oz.	2 lb. 6 oz.	3 lb.	3 lb. 10 oz.
Ap. Wt. Doz., Lbs.	22	32	42	52
Per Dozen	$13.05	14.85	16.20	17.55

No. 391, One-half Dozen; Nos. 392 and 393, One-third Dozen; No. 394, One-sixth Dozen in a Box.

Plow Hammers.

ATHA



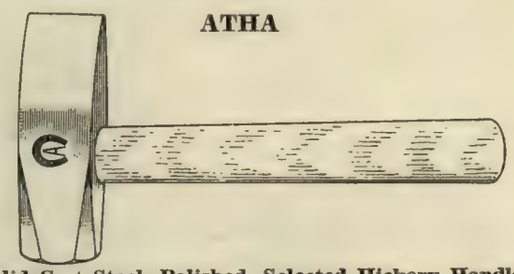
Solid Cast Steel, Cross Pein, Polished, Selected Hickory Handle.

Nos.	410	411	412
Weight Each	1 lb. 2 oz.	1 lb. 10 oz.	2 lb.
Ap. Wt. Per Dozen, Lbs.	19	25	30
Per Dozen	$10.80	11.70	12.60

Weights EACH Do Not Include Handles.
No. 410 and 411, One-half Dozen; No. 412, One-third Dozen in a Box.

Coopers' Hammers.

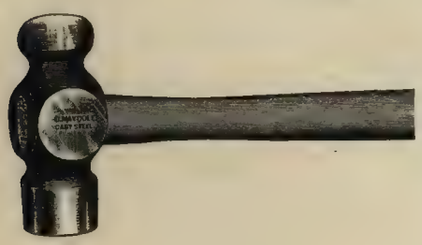
ATHA



Solid Cast Steel, Polished, Selected Hickory Handle.

Nos.	422½	423	424	424½	425
Weight Each	2 lb. 8 oz.	3 lb.	4 lb.	4 lb. 8 oz.	5 lb.
Ap. Wt. Doz., Lbs.	34	42	56	62	68
Per Dozen	$15.30	16.20	18.00	18.90	19.80

Weights EACH Do Not Include Handles.
Nos. 422½ and 423, One-third Dozen; Nos. 424 to 425, One-sixth Dozen in a Box.



Carriage Ironers' Hammers

MAYDOLE'S

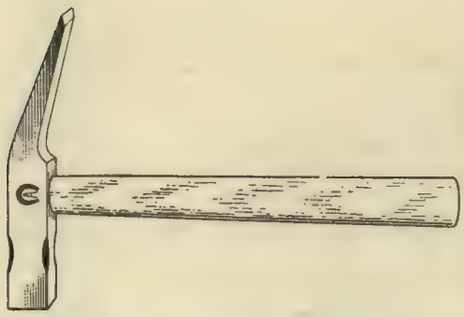
Round Neck, Solid Crucible Cast Steel, Polished Face, Selected Hickory Handle.

Nos.	111	112	113
Weight Each	2 lb. 12 oz.	2 lb. 6 oz.	2 lb.
Approx. Weight Per Dozen, Lbs.	38	32	28
Per Dozen	$18.30	17.15	16.00

Weights EACH Do Not Include Handles.
One-third Dozen in a Box.

Bricklayers' Hammers.

ATHA

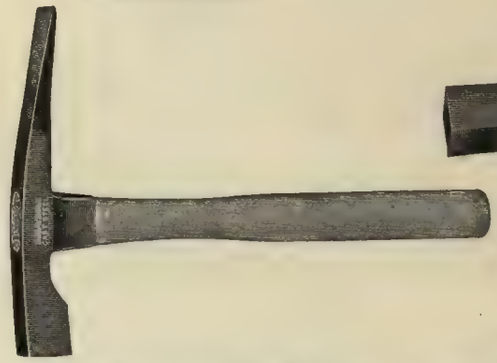


Solid Cast Steel, Polished, Plain Eye, Selected Hickory Handle.

Nos.	441	442	443
Weight Each..	1 lb. 2 oz.	1 lb. 8 oz.	2 lb.
Ap. Weight Per Dozen, Lbs..	20	24	28
Per Dozen....	$13.20	14.40	15.60

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.

MAYDOLE'S



Solid Crucible Cast Steel, Oil Finish, Selected Hickory Handle.

Nos.	561	562
Weight Each, Lbs..	2¼	1⅞
Ap. Wt. Doz., Lbs..	32	26
Per Dozen.....	$16.40	15.15
Nos.	563	564
Weight Each, Lbs..	1⅝	1
Ap. Wt. Doz., Lbs..	21	16
Per Dozen.....	$13.85	12.60

Weights EACH Do Not Include Handles.
One-third Dozen in a Box.

VLCHEK

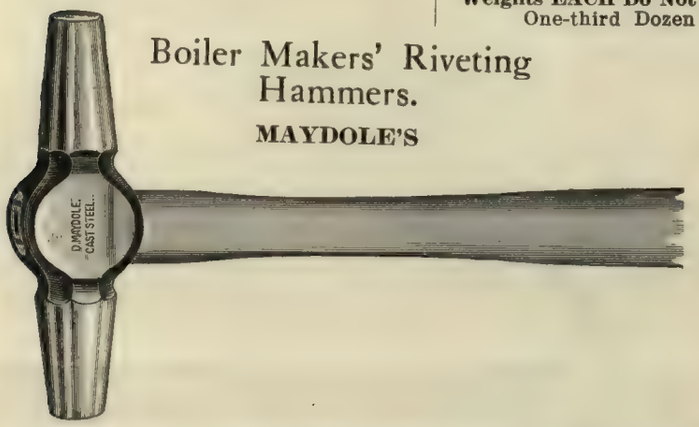
High Grade Crucible Tool Steel, Drop Forged, Natural Finish, Adze Eye, Handle Will Hold without Wedges.

Nos.	1B	2B	3B
Wt. Each, Lbs...	1¾	2	2½
Ap. Wt. Doz., Lbs.	24	28	34
Per Dozen.....	$18.65	20.00	21.35

Weights EACH Do Not Include Handles.
One-twelfth Dozen in a Box.

Boiler Makers' Riveting Hammers.

MAYDOLE'S



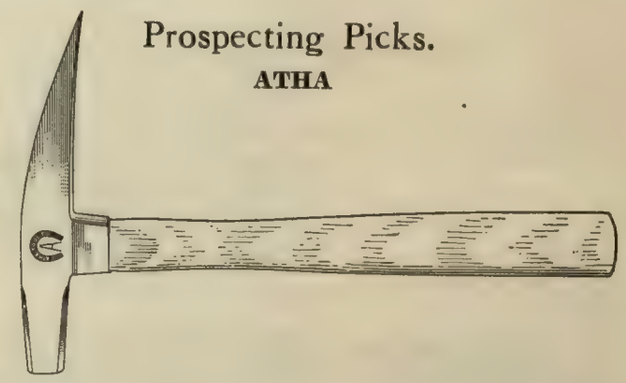
Solid Crucible Cast Steel, Polished, Selected Hickory Handle.

Nos.	0441	0442	0443	0444
Weight Each	3 lb.	2 lb. 10 oz.	2 lb. 6 oz.	2 lb.
Ap. Wt. Doz., Lbs...	42	36	33	30
Per Dozen	$26.50	24.85	23.25	21.60

Weights EACH Do Not Include Handles.
One-quarter Dozen in a Box.

Prospecting Picks.

ATHA



Solid Cast Steel, Polished, Selected Hickory Handle.

No.	252
Weight Each	1 lb. 8 oz.
Approx. Weight Per Dozen, Lbs.	24
Per Dozen	$16.00

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Prospecting Hammers.

Solid Cast Steel, Polished, Selected Hickory Handle.

No.	262
Weight Each	1 lb. 12 oz.
Ap. Weight Per Dozen, Lbs.	27
Per Dozen	$13.50

Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Shoe Hammers.

Solid Cast Steel, Polished.

Nos.	1Y	2Y
Weight Each, Oz.....	13	15
Ap. Wt. Per Dozen, Lbs.	14	16
Per Dozen.....	$7.35	7.70

Weights Each Do Not Include Handles.
One-half Dozen in a Box.

Cast Steel, Polished.

	Per Dozen
No. 75—Weight Each 1 Lb.....	$4.00

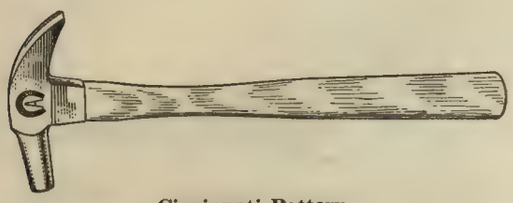
Cast Iron, Japanned.

	Per Dozen
No. 65—Weight Each 1 Lb.....	$1.90

Weights Each Do Not Include Handles.
One Dozen in a Box.

Farriers' Hammers.

ATHA



Cincinnati Pattern.
Solid Cast Steel, Round Poll, Polished, Adze Eye, Hickory Handle.

Per Dozen
No. 210—Weight Each without Handle 10 Oz. **$10.35**
Approximate Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

Boston Pattern.
Solid Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

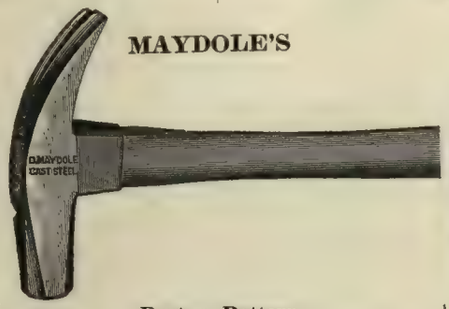
Per Dozen
No. 220—Weight Each without Handle 12 Oz. **$12.00**
Approximate Weight Per Dozen 15 Pounds.
One-half Dozen in a Box.

MAYDOLE'S

Whaleback Claw, Octagon.
Solid Crucible Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

Nos.	652	653
Weight Each, Oz.	10	8
Ap. Wt. Doz., Lbs.	10	8
Per Dozen	$11.05	10.40

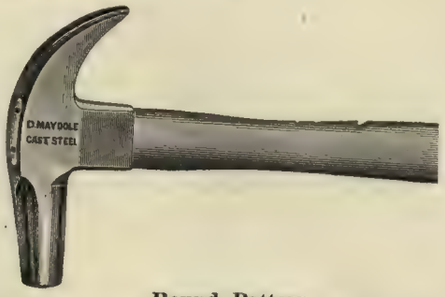
Weights EACH Do Not Include Handles.
One-half Dozen in a Box.



Boston Pattern.
Solid Crucible Cast Steel, Octagon Poll, Polished, Adze Eye, Hickory Handle.

Nos.	152	153
Weight Each, Oz.	10	8
Ap. Wt. Doz., Lbs.	10	8
Per Dozen	$10.40	9.75

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.



Round Pattern.
Sol'd Crucible Cast Steel, Round Poll, Polished, Adze Eye, Hickory Handle.

Nos.	252	253
Weight Each, Oz.	10	8
Ap. Wt. Doz., Lbs.	10	8
Per Dozen	$9.75	9.10

Weights EACH Do Not Include Handles.
One-half Dozen in a Box.

HELLER'S

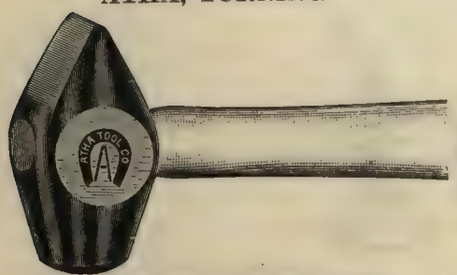
Solid Crucible Cast Steel, Polished, Adze Eye, Hickory Handle.

Per Dozen
No. H64—Weight Each 11 to 20 Oz., with Handle. . . **$13.00**
Approximate Weight Per Dozen 18 Pounds.

Per Dozen
No. H65—Weight Each 16 to 20 Oz., with Handle. . . . **$16.20**
Approximate Weight Per Dozen 18 Pounds.

One-half Dozen in a Box.

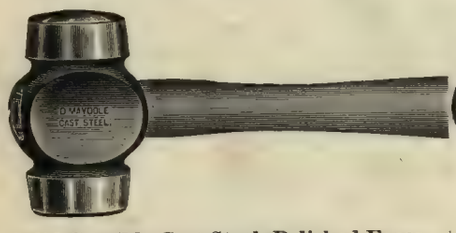
ATHA, TURNING



Solid Cast Steel, Hickory Handle.

Per Dozen
No. 470—Full Polished, Weight Each 2 Lbs. 4 Oz. **$30.60**
No. 470½—Half Polished, Weight Each 2 Lbs. 4 Oz. . . **27.00**
Approx. Weight Per Dozen 33 Pounds.
Weights EACH Do Not Include Handles.
One-third Dozen in a Box.

MAYDOLE'S, ROUNDING AND FITTING



Solid Crucible Cast Steel, Polished Faces, Hickory Handle.

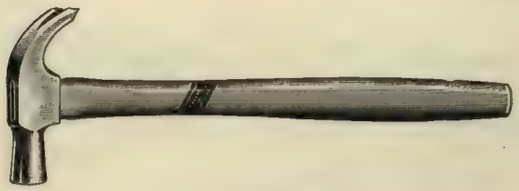
Per Dozen
No. 212—Weight Each 2 Lbs. 8 Oz. **$26.40**
Approx. Weight Per Dozen 36 Pounds.
Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

HELLER'S, ROUNDING AND FITTING

Sol'd Crucible Cast Steel, Polished Face, Hickory Handle.

Per Dozen
No. H61—Weight Each 2 Lbs. 3 Oz. **$34.60**
Approx. Weight Per Dozen 32 Pounds.
Weight EACH Does Not Include Handle.
One-half Dozen in a Box.

Tack Hammers.



Brad or Ladies'.

Per Dozen

No. 250—3¼ in. Cast Iron Head, Full Polished, 10½ in. Hickory Handle.....**$1.55**

Approximate Weight Per Dozen 4 Pounds.

One Dozen in a Box.

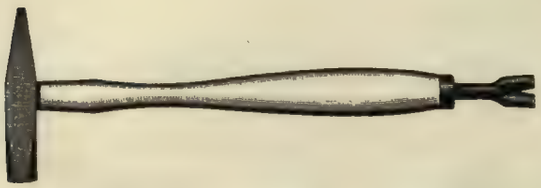
Brad or Ladies'.

Per Dozen

No. 140—3½ in. Solid Cast Steel Head, Full Polished, 11 in. Hickory Handle.....**$6.70**

Approximate Weight Per Dozen 5 Pounds.

One-half Dozen in a Box.



3¼ in. Cast Iron Head, Full Polished.

Per Dozen

No. 10—With 11¾ in. Stained Handle and Claw, Approx. Weight Per Dozen 2 Lbs.....**$1.10**

No. 15—With 11¾ in. Hickory Handle, Steel Claw, Approx. Weight Per Dozen 4 Lbs..... **1.55**

No. 25—With 11¾ in. Hickory Handle, Iron Claw, Approx. Weight Per Dozen 3½ Lbs..... **1.35**

One Dozen in a Box.

Stanley's Improved.

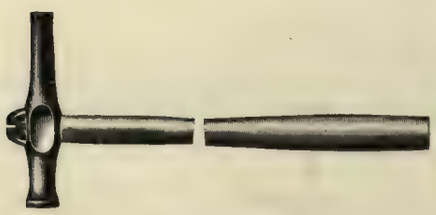
4 in. Malleable Iron Head, Tinned, Hardened Face.

Per Dozen

No. 4—With 10¾ in. Handle, Inlaid with Wooden Strips Securely Riveted in Place.....**$3.35**

Approximate Weight Per Dozen 5¼ Pounds.

One Dozen in a Box.



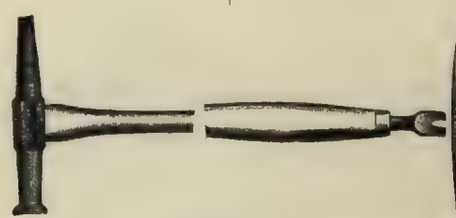
Magnetic.

Per Dozen

No. 1—3¾ in. Tinned Cast Iron Head, with Claw on Head, 10 in. Hardwood Handle....**$1.65**

Approx. Weight Per Dozen 3½ Pounds.

One Dozen in a Box.



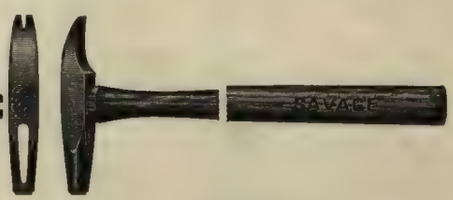
Magnetic.

Per Dozen

No. 2—4 in. Tinned Cast Iron Head, 11½ in. Hardwood Handle, with Claw.....**$1.80**

Approx. Weight Per Dozen 4¼ Pounds.

One Dozen in a Box.



Magnetic.

Per Dozen

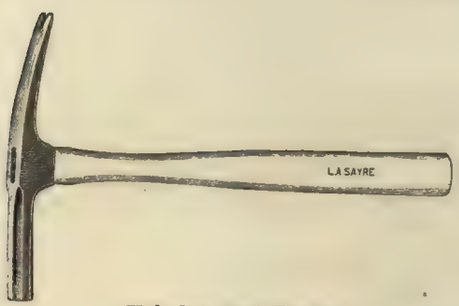
No. 7—4⅜ in. Polished Steel Head with Claw, 11½ in. Ash Handle **$3.90**

Approx. Weight Per Dozen 6 Pounds.

One-half Dozen in a Box.

Tack Hammers.

Upholsterers' Hammers.



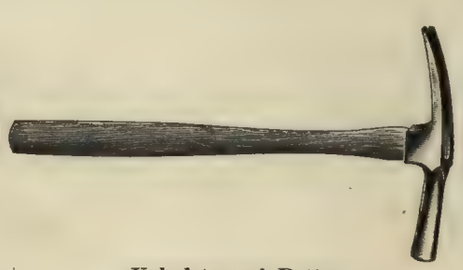
Upholsterers' Pattern.

Per Dozen

No. 650—5½ in. Cast Steel Head, Polished, 10½ in. Hickory Handle **$4.50**

Approx. Weight Per Dozen 10 Pounds.

One Dozen in a Box.



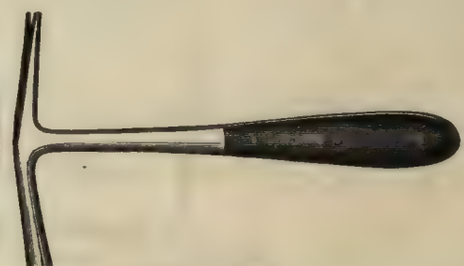
Upholsterers' Pattern.

Per Dozen

No. 155—5¼ in. Cast Iron Head, Nickel Plated, Unpolished, 10½ in. Hardwood Handle..**$1.10**

Approx. Weight Per Dozen 5 Pounds.

One Dozen in a Box.



French Pattern.

Per Dozen

No. 66—7 in. Drop Forged Steel Head, Full Polished, Rosewood Handle, $\frac{7}{16}$ and ½ in. Face **$40.00**

Approx. Weight Per Dozen 10 Pounds.

One-half Dozen in a Box.

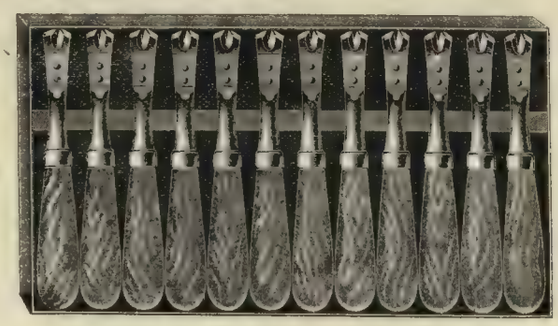
Tack Pullers and Claws.

Per Dozen

No. 20—New York, Steel Claw, Cast Handle, Japanned..**$1.70**

Approximate Weight Per Dozen 2 Pounds.

One Dozen in a Display Box.



Per Dozen

No. 39—Yankee, Cast Steel Claws, Tempered, Nickel Plated, Beechwood Handle.....**$1.50**

The Claw is so curved that it slides under the head with ease and pulls tack without bending it.

Approximate Weight Per Dozen 2 Pounds.

One Dozen in a Display Box.

Per Dozen

No. 10—Little Jack, Steel Claw, Black Enameled Handle....**$1.10**

Approx. Weight Per Dozen 1 Pound.

One Dozen in a Box.

Per Dozen

No. 45—Forged Claw, Square Shank, Black Handle.....$1.70

Approx. Weight Per Dozen 2 Pounds.

One Dozen in a Box.

Per Dozen

No. 30—Solid Steel, Drop Forged, Tempered and Polished, Length 7 in.....$2.80

Approx. Weight Per Dozen 4 Pounds.

One Dozen in a Box.

Carpet Stretchers.

ENTERPRISE

Japanned Cast Iron Frame and Socket, Stamped Steel Face Riveted to Frame.

Per Dozen

No. 65—4½ in. Face, $\frac{13}{16}$ in. Socket, 4¼ in. High.....**$2.25**

Approximate Weight Per Dozen 5 Pounds.

One Dozen in a Box.

EXCELSIOR

Hardwood Frame, Japanned Malleable Iron Lever and Hammer, Tempered Steel Wire Claws.

Per Dozen

No. 60—16 in. Head, 14½ in. Arm, 9 in. Lever and Hammer **$11.10**

Approximate Weight Per Dozen 18 Pounds.

One-twelfth Dozen in a Box.

HINKLE'S

Japanned Malleable Iron Frame, Stained Handle, Positive Grip.

Per Dozen

No. 50—11 in. Head, 17 in. Arm, 26 in. Hardwood Handle **$19.00**

Approximate Weight Per Dozen 45 Pounds.

One-twelfth Dozen in a Box.

BULLARD'S

Japanned Malleable Iron Frame and Claw, Stamped Steel Lever, Steel Prongs in Frame, Beech Handle, Brass Ferrule.

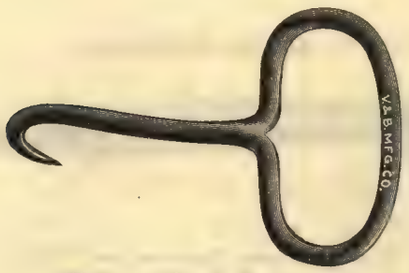
Per Dozen

No. 75—9 in. Lever, 9 in. Frame, 4 in. Face.....**$6.10**

Approximate Weight Per Dozen 8½ Pounds.

One-twelfth Dozen in a Box.

Box Hooks.



Wrought Steel, Painted.

Per Dozen

No. 15—½ in. Round Steel, 9 in. Long, Loop Handle 7x3¾ in. Outside Measure.....**$5.60**

Approx. Weight Per Dozen 15 Pounds.

Loose.

Round Wrought Steel Shank, Riveted Oval Hardwood Handle.

Per Dozen

No. 6—$\frac{7}{16}$ in. Round Steel, 6 in. Over All, ...**$4.25**

Approx. Weight Per Dozen 5½ Pounds.

Loose.

Round Steel Shank, Riveted Oval Hardwood Handle.

Per Dozen

No. 9—⅜ in. Round Steel, 9 in. Over All, Approx. Weight Per Dozen 7 Lbs.....**$4.25**

No. 12—$\frac{7}{16}$ in. Round Steel, 12 in. Over All, Approx. Weight Per Dozen 9 Lbs..... **4.80**

Loose.

Scrapers.

WALL

Per Dozen

No. 0—4 in. Cast Steel Blade, Cast Iron Frame, Japanned..**$2.45**

Approx. Weight Per Dozen 6 Pounds.

One-half Dozen in a Box.

BOX

Double Handle.

Per Dozen

No. 11—6 in. Cast Steel Blade, Hardwood Handle, Steel Ferrule **$8.50**

Approx. Weight Per Dozen 12 Pounds.

One-half Dozen in a Box.

BOX

Adjustable.

Per Dozen

No. 70—2 in. Steel Cutter, Japanned Iron Frame, Hardwood Handle, Steel Set Screw to Secure Blade, Length Over All 13 in., Approx. Weight Per Dozen 12 Lbs.....**$8.00**

Extra Cutters—For No. 70 Box Scraper..... **2.70**

One-half Dozen in a Box.

BOX

Forged Steel Blade, Oil Tempered and Polished, Heavy Steel Ferrules, Riveted Steel Shank, Rosewood Finish Hickory Handle.

Per Dozen

No. 2—2¼ in. Blade, 7½ in. Handle, 11½ in. Over All **$10.35**

Approximate Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

BOX

Triangular Steel Blade, Oil Tempered, Polished Bevels, Forged Steel Shanks, Natural Finish, Heavy Steel Ferrule, Rosewood Finish Hickory Handle, Blade Held by Nut and Washer.

Per Dozen

No. 6—2¾ in. Cutting Edge, 7½ in. Handle, 12 in. Over All, Approx. Weight Per Dozen 8½ Lbs..**$10.35**

Extra Blades—For No. 6 Scraper..... **5.35**

One-half Dozen in a Box.

Ship Scrapers

Triangular Steel Blades, Oil Tempered, Polished Bevels, Heavy Malleable Iron Ferrule, Varnished Selected Ash Handle.

Per Dozen

No. 8—5 in. Cutting Edges, 17 in. Long Over All, Approx. Weight Per Dozen 19 Lbs.....**$11.10**

Extra Blades—For No. 8 Ship Scraper..... **5.00**

Two Dozen in a Box.

Nail Claws

Wrought Steel, Painted Black, Five-Fingered Claw.

Per Dozen

No. 2—½ in. Diameter Handle, 3½ in. Wide Claw, 12 in. Long Over All.....**$9.35**

Approximate Weight Per Dozen 15 Pounds.

One-half Dozen in a Cardboard Box.

Nail Pullers.

CYCLOPS

Best Tool Steel Jaws, Hardened and Tempered, Oval Handle and Rammer, Japanned.

Per Dozen

No. 5—18 in. Long when Closed, 23 in. Long when Extended **$17.75**

Handle forms part of Pressure Foot and has Oblique Delivery. Guides the Jaws directly and quickly to the nail. No spring to break.

Approx. Weight Per Dozen 60 Pounds.

GIANT RED DEVIL

Combined Nail Cutter, Box Chisel and Strap Cutter.

Tool Steel Jaws, Hardened and Tempered, Black Enameled, Red Lettering, Polished Tips, Box Jaw, No Springs or Rivets to become Loose.

Per Dozen

No. 101—18 in. Long when Closed, 24 in. Long when Extended **$23.35**

Approx. Weight Per Dozen 72 Pounds.

Open Stock.

GIANT PATTERN

Tool Steel Jaws, Tempered and Polished, Japanned Cast Iron Barrel.

Per Dozen

No. 01—18 in. Long when Closed, 23 in. when Extended **$11.10**

No. 02—15 in. Long when Closed, 19 in. when Extended **10.00**

Approx. Weight Per Dozen 50 Pounds.

Crate Openers.

One Piece Forged Steel, Hardened and Tempered Claw and Head, Scored Face, Highly Nickel Plated and Polished.

Per Dozen

No. 78—6½ in. Long, Approx. Weight Per Dozen 6¾ Lbs. **$10.00**

One-half Dozen in a Box.

Drop Forged Steel, Oil Tempered Heads and Claws, Checkered Faces, Magnatized Claw, Nickel Plated.

Per Dozen

No. 14—2¾ in. Long Head, 9 in. Long Over All, Approx. Weight Per Dozen 12¼ Lbs. **$13.90**

One Dozen in a Box.

One Piece Forged Steel, Hardened and Tempered Claw and Head, One Face Scored and One Smooth, Highly Nickel Plated.

Per Dozen

No. 82—9¼ in. Long Over All, Approx. Weight Per Dozen 10 Lbs. **$10.60**

One-half Dozen in a Box.

Box Chisels.

Forged Bar Steel, Hardened and Tempered, Black Finish, Polished Points.

Per Dozen

No. 20—½x¾ in. Steel, 13½ in. Long, Approx. Weight Per Dozen 16 Lbs..... **$5.60**

One-half Dozen in a Box.

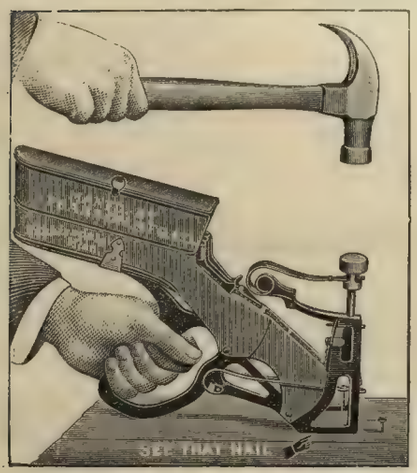
Box Tools.

Combination Box Scraper, Chisel and Hammer, Forged Steel, Natural Finish, Polished Claw and Blade, Oval Hardwood Handle, Riveted.

Per Dozen

No. 60—14 in. Long Over All, Approx. Weight Per Dozen 21 Lbs..... **$13.35**

One-third Dozen in a Box.



Automatic Nailers.

PEARSON'S

Made of Galvanized and Malleable Iron with Steel Springs, Hopper Holds Between 500 and 600 Nails.

Each

No. 13—Red, for 1¼ in. 13 Gauge Galvanized Wire Nails..... **$7.25**

No. 14—Blue, for 1¼ in. 14 Gauge Common Wire Nails..... **7.25**

Weight Each About 2 Pounds.

The Pearson Automatic Nailer has no complicated parts to get out of order. Nails can be driven at the rate of 125 per minute. Works just as easily while wearing gloves or mittens. Nails can be driven quite as easily through tin as wood. It can be used on any pitch roof with either right or left hand. The Pearson Automatic Nailer is particularly adapted for shingling, but is equally useful for any job where 3d 1¼ in. nails are used.

Stone Cutters' Tools.

MALLET HEAD POINTS

Solid Cast Steel, Octagon Shank.

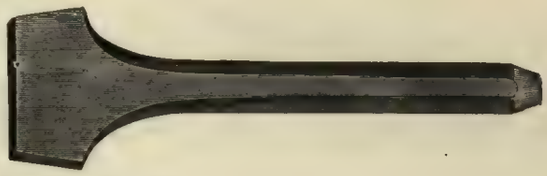
	Per Pound
No. 500—⅝ to ⅞ in.	$0.70

HAMMER HEAD POINTS

Solid Cast Steel, Octagon Shank.

	Per Pound
No. 505—⅝ to ⅞ in.	$0.60

PITCHING TOOLS



	Each
No. 510—Solid Cast Steel, 2 in. Face	$1.50
No. 511—Solid Cast Steel, 1 in. Face	.60

MALLET HEAD CHISELS

Solid Cast Steel, Octagon Shank.

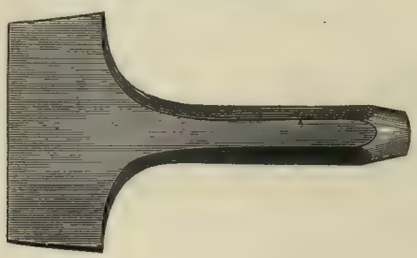
	Per Pound
No. 515—Mallet Head Shank, ⅝ to ⅞ in., Face 1 to 2 in.	$0.70
No. 516—Mallet Head Shank, ¾ to 1 in., Face 2 to 4 in.	.70
No. 517—Hammer Head Shank, ⅝ to ⅞ in., Face 1 to 2 in.	.60

MALLET HEAD CHISELS, WITH TEETH

Solid Cast Steel, Octagon Shank.

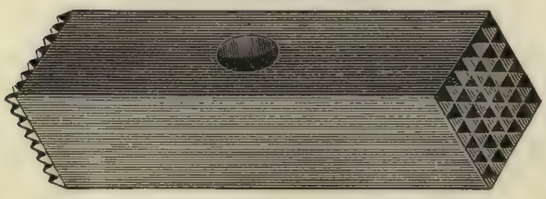
	Per Pound
No. 520—Mallet Head Shank, ⅝ to ⅞ in., Face ¾ to 3 in.	$0.70
No. 521—Hammer Head Shank, ⅝ to ⅞ in., Face ¾ to 3 in.	.70

BRICK CHISELS



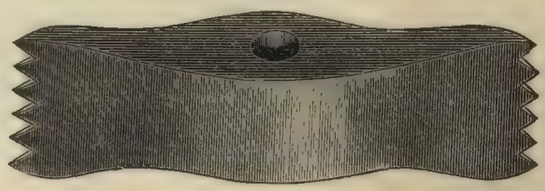
	Each
No. 525—Best English Cast Steel	$1.50

BUSH HAMMERS



	Each
No. 600—English Cast Steel, 36 Points at One End, 64 at the Other, Approx. Weight 6 Lbs.	$ 8.50
No. 600—Approx. Weight 7 to 9 Lbs.	10.00

BUSH AXES



	Each
No. 610—English Cast Steel, 6 Points, Approx. Weight 7 to 9 Lbs.	$8.50

Solid Cast Steel Hammers.

Weights Given on this Page are Approximate.

SPAULING OR STONE

No. 710—SINGLE FACE, Solid Crucible Cast Steel, Black Japan Finish, Polished Face, Used for Dressing Stone.

Approx. Weight, Lbs....	6	7	8	9	10
Each	$1.35	1.60	1.80	2.00	2.25
Approx. Weight, Lbs....	12	13	14	15	16
Each	$2.70	2.90	3.15	3.35	3.60
Approx. Weight, Lbs....		18	20	25	30
Each		$4.00	4.50	7.20	8.90

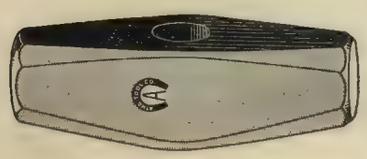
Open Stock.

No. 720—DOUBLE FACE, Solid Crucible Cast Steel, Black Japan Finish, Polished Faces, Used for Dressing Stone.

Approx. Weight, Lbs....	6	7	8	9
Each	$1.35	1.60	1.80	2.00
Approx. Weight, Lbs....	10	11	12	13
Each	$2.25	2.50	2.70	2.95
Approx. Weight, Lbs....	14	16	18	20
Each	$3.15	3.60	4.00	4.50

Open Stock.

STRIKING



No. 750—Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

Approx. Weight, Lbs....	3	3½	4	4½
Each	$0.70	.80	.90	1.00
Approx. Weight, Lbs....	5	5½	6	6½
Each	$0.80	.88	.95	1.03
Approx. Weight, Lbs....	7	7½	8	9
Each	$1.10	1.15	1.20	1.35
Approx. Weight, Lbs....	10	11	12	13
Each	$1.50	1.65	1.80	2.00
Approx. Weight, Lbs....	14	15	16	18
Each	$2.15	2.40	2.50	2.70
Approx. Weight, Lbs....		20	25	30
Each		$3.00	5.90	7.00

Open Stock.

STONE MASONS'

No. 670—Solid Crucible Cast Steel, Axe Finish, Used by Stone Masons.

Approx. Weight, Lbs....	3	3½	4	4½	5
Each	$0.95	1.10	1.25	1.40	1.40
Approx. Weight, Lbs....		5½	6	6½	7
Each		$1.55	1.70	1.90	2.00
Approx. Weight, Lbs....		7½	8	9	10
Each		$2.20	2.25	2.50	2.80

One in a Pasteboard Box.

HAND DRILLING

No. 770—Solid Crucible Cast Steel, Black Japan Finish, Polished Faces, Intended for One Hand Blows on Drills, or Stone Cutter Tools. Specially Shaped to give the Desired Balance for Such Work.

Approx. Weight, Lbs....	3	3½	4	4½	5
Each	$0.90	1.00	1.15	1.25	1.15
Approx. Weight, Lbs....		5½	6	6½	7
Each		$1.25	1.35	1.45	1.56

COOPERS'

No. 901—Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

Approx. Weight, Lbs.....	4	4½	5
Each	$0.95	1.05	1.15

Open Stock.

BLACKSMITHS' HAND

No. 860—Cross Pein, Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

Approx. Weight, Lbs....	2	2½	3	3½
Each	$0.60	.70	.70	.80
Approx. Weight, Lbs....		4	4½	5
Each		$0.90	1.00	1.10

Open Stock.

Solid Cast Steel Sledges.

Weight Given on this Page are Approximate.

BLACKSMITHS' CROSS PEIN

No. 830—Solid Crucible Cast Steel, Black Japan Finish, Polished Faces.

Approx. Weight, Lbs....	5	6	7	8	9
Each	$0.80	.95	1.10	1.20	1.45
Approx. Weight, Lbs....	10	11	12	13	
Each	$1.55	1.70	1.80	2.00	
Approx. Weight, Lbs....	14	15	16	17	
Each	$2.15	2.30	2.45	2.60	
Approx. Weight, Lbs....	18	20	25	30	
Each	$2.70	3.00	5.90	7.00	

Open Stock.

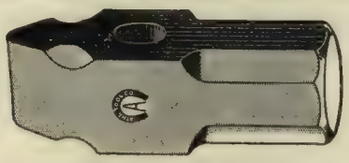
STONE.

No. 730—Solid Crucible, Cast Steel, Black Japan Finish, Polished Face, Used for Breaking Stone.

Approx. Weight, Lbs....	7	8	9	10
Each	$1.10	1.20	1.35	1.55
Approx. Weight, Lbs....	11	12	13	14
Each	$1.75	1.80	2.00	2.15
Approx. Weight, Lbs....	15	16	18	20
Each	$2.30	2.45	2.70	3.00
Approx. Weight, Lbs....		22	25	30
Each		$3.35	5.90	7.00

Open Stock.

BLACKSMITHS' STRAIGHT PEIN



No. 840—Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

Approx. Weight, Lbs.....	8	10	12
Each	$1.20	1.55	1.80

Open Stock.

HORSESHOERS' TURNING

No. 870—Solid Crucible Cast Steel, Black Japan Finish, Polished Faces, One End has Oval Face for Concaving the Shoe, the Other End is Flat for Ordinary Work or for Shaping the Shoe.

Approx. Weight, Lbs.....	7	8	9
Each	$1.20	1.35	1.55

Open Stock.

Solid Cast Steel Mauls.

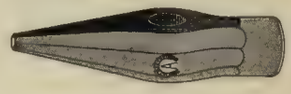
RAILROAD SPIKE

No. 920—Solid Crucible Cast Steel, Black Japan Finish, Polished Faces.

Approx. Weight, Lbs....	6	7	8	9	10
Each	$1.05	1.20	1.35	1.50	1.70

Open Stock.

SHIP OR TOP



No. 930—Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

Approx. Weight, Lbs....	4	4½	5	5½	6	6½
Each	$1.00	1.10	1.20	1.30	1.45	1.55

Open Stock.

WOOD CHOPPERS'

Oregon Pattern, Round Eye.
No. 960—Solid Crucible Cast Steel, Black Japan Finish, Polished Face and Bit.

Ap. Weight, Lbs.	5	5½	6
Each	$1.00	1.15	1.20
Ap. Weight, Lbs.	6½	7	7½
Each	$1.35	1.45	1.55
Ap. Weight, Lbs.	8	8½	9
Each	$1.65	1.73	1.80

Oregon Pattern, Axe Eye.
No. 960A—Solid Crucible Cast Steel, Black Japan Finish, Polished Face and Bit.

Ap. Weight, Lbs.	5	5½	6
Each	$1.00	1.15	1.20
Ap. Weight, Lbs.	6½	7	7½
Each	$1.35	1.45	1.60
Ap. Weight, Lbs.	8	8½	9
Each	$1.65	1.73	1.80

Open Stock.

Lake Superior Pattern.
No. 970—Solid Crucible Cast Steel, Black Japan Finish, Polished Face and Bit.

Ap. Wt. Lbs..	6	6½	7	7½
Each	$1.20	1.35	1.45	1.55
Ap. Wt. Lbs..	8	8½	9	
Each	$1.65	1.73	1.80	

Open Stock.

Oregon Pattern, Axe Eye.
No. 1060—High Grade Tool Steel, Oil Finish, Polished Face and Bit.

Approx. Weight, Lbs.....	5	6	7	8	9
Each	$1.90	2.30	2.70	3.10	3.45

Open Stock.

Lake Superior Pattern.
No. 2000—Solid Crucible Cast Steel, Oil Finish, Polished Face and Bit.

Approx. Weight, Lbs.....	7	8
Each	$2.70	3.10

Open Stock.

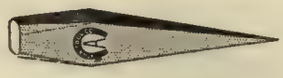
Coal Miner Sledge.

No. 800—Solid Crucible Cast Steel, Black Japan Finish, Polished Faces.

Approx. Weight, Lbs....	5	6	7	8
Each	$0.85	1.00	1.20	1.35

Open Stock.

Coal Wedge.



No. 1030—Pittsburg Pattern, Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

Approx. Weight, Lbs....	1½	1¾	2	2½	3
Each	$0.25	.25	.30	.36	.44

Open Stock.

Track Chisels.

Solid Crucible Cast Steel, Black Japan Finish, Polished Face and Bit.

	Each
No. 1170—Approx. Weight 5 Lbs., 8⅝ in. Long, 1¼ in. Wide Bit.....	$1.40

Open Stock.

Track Punches.

Solid Crucible Cast Steel, Black Japan Finish, Polished Face.

	Each
No. 1180—Approx. Weight 5 Lbs., 9 in. Long, ¾ in. Wide Bit	$1.40

Open Stock.

Mill Picks.

No. 1080—Solid Crucible Cast Steel, Black Japan Finish, Polished Points.

Approx. Weight, Lbs....	1½	2	2½	3
Each	$1.10	1.40	1.80	2.10

Open Stock.

Stone Picks.

No. 660—Solid Crucible Cast Steel, Axe Finish.

Approx. Weight, Lbs.....	5	5½	6	6½	7
Each	$1.15	1.25	1.35	1.50	1.60

Open Stock.

Quarry Picks

No. 650—Solid Cast Steel, Axe Finish.

Approx. Weight, Lbs.....	5	5½	6	6½	7	8
Each	$1.15	1.25	1.35	1.50	1.60	1.80

Open Stock.

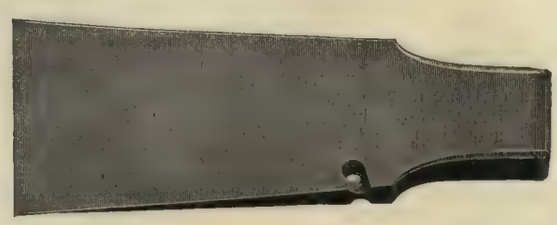
Saw Wedges.

Regular Pattern.

No. 50—Solid Steel, Oil Finish.

Approx. Weight, Each, Lbs....	1½	1¾	2
Per Pound	$0.12	.12	.12

Open Stock.



Improved Pattern.

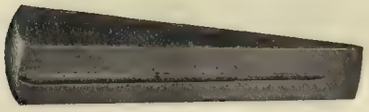
No. 56—Solid Steel, Oil Finish.

Approx. Weight Each, Lbs..	1	1½	1¾	2
Per Pound	$0.13	.14	.14	.14

Open Stock.

Weights on this Page are Approximate.

Wood Choppers' Wedges.



Regular Pattern.

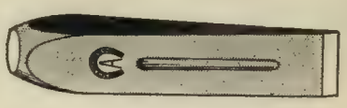
Best Quality Bessemer Steel.

Per 100 Lbs.

No. 1—Oil Finish, Approximate Weight 4 to 6 Lbs.....**$7.80**

No. 5—Axe Finish, Approximate Weight 4 to 6 Lbs..... **8.60**

One Dozen in a Box.



No. 980.

Truckee Pattern.

STANDARD, Best Quality Bessemer Steel, Oil Finish.

Per 100 Lbs.

No. 20—Approximate Weight 3 to 6 Lbs.....**$9.00**

One Dozen in a Box.

No. 980—ATHA, Solid Cast Steel, Black Japan Finish, Polished Face and Bit.

Ap. Wt., Lbs.	4	4½	5	5½	6
Each	$0.65	.70	.80	.88	.95

Open Stock.

No. 1000.

Lake Superior Pattern.

STANDARD, Extra Quality Steel, Oil Finish, Polished Face and Bit.

Per 100 Lbs.

No. 600—Length 10¼ to 14 in., Approx. Weight 5 to 9 Lbs.**$11.65**

No. 1000—ATHA, Solid Cast Steel, Black Japan Finish, Polished Head and Bit, Lengths 10½ to 18½ in.

Ap. Wt. Lbs..	5	5½	6	6½
Each	$1.00	1.15	1.20	1.35

Ap. Wt. Lbs..	7	7½	8	9
Each	$1.45	1.55	1.65	1.80

Open Stock.

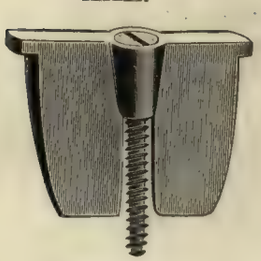
No. 2500—High Grade Tool Steel, Oil Finish, Length About 11½ in.

Approx. Weight, Lbs..	5	6
Each	$1.90	2.30

Open Stock.

Wedges.

AXE.



With Screw.

Per Dozen

No. 10—Malleable Iron.....**$0.70**

Weight Per Dozen About 2 Pounds.

Open Stock.

AXE

Lake Superior Pattern.

Per Dozen

No. 16—Malleable Iron **$0.80**

Weight Per Dozen About 2½ Pounds.

Open Stock.

HANDLE

Full Size Before Driving.

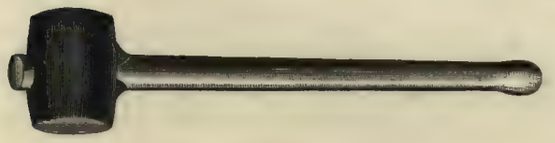
Applicable to Hammer and Hatchet Handles.

Per Gross

Syracuse—Soft Metal, Weight Per Gross About 3 Lbs.....**$2.00**

One Gross in a Box, with Display Card.

Handled Cast Post Mauls.



Sperry's Pattern.

Cast Iron Head, Lipped Eye, Selected Hickory Handle.

Approx. Weight, Lbs....	10	13	16	18	20
Each	$0.60	.70	.80	.90	.95

Open Stock.

Bell Face Pattern.

Cast Iron Head, with Flat End, Black Japanned, Handled with 36 in. Star Hickory Sledge Handle.

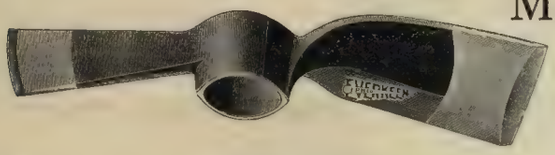
Approx Weight Each, Lbs....	12	14	16
Each	$0.80	.90	1.00

The Flat End on this Maul allows same to be placed in an upright position.

Open Stock.

Weights Given on this Page are Approximate.

Mattocks.



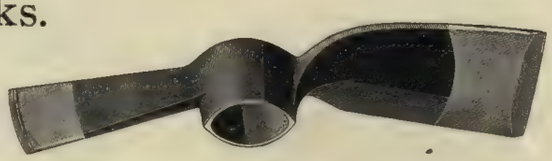
Extra Quality Cast Steel, Adze Eye, Painted, with Polished Bits.

Per Dozen

No. E1M—Long Cutter, 8½x4¼ in. Blade, 6x3 in. Cutter, Approx. Weight Each 6 Lbs.....**$12.00**

No. E2M—Short Cutter, 8½x4 in. Blade, 4½x3 in. Cutter, Approx. Weight Each 5½ Lbs.... **11.70**

Approximate Weight Per Dozen 160 Pounds.
Two Dozen in a Case.



Splendid.
Best Cast Steel, Adze Eye, Painted, with Polished Bits.

Per Dozen

No. 10—Long Cutter, 8½x4¼ in. Blade, 6x3 in. Cutter, Approx. Weight Each 6 Lbs.....**$9.50**

No. 20—Short Cutter, 8½x4 in. Blade, 4½x3 in. Cutter, Approx. Weight Each 5½ Lbs..... **9.20**

Approximate Weight Per Dozen 160 Pounds.
Two Dozen in a Case.

Mattocks.

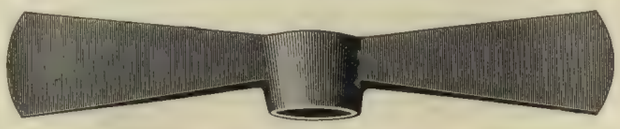
Hunt's.
Best Refined Cast Steel, Lipped Eye, Painted Black, Polished Bit.

Per Dozen

No. H1—Long Cutter, 8½x4¼ in. Blade, 6x3¼ in. Cutter, Approx. Weight Each 5¾ Lbs.....**$23.35**

Approximate Weight Per Dozen 160 Pounds.
Two Dozen in a Case.

Asphalt Mattocks.

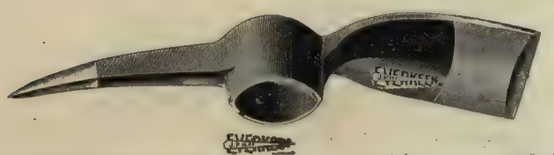


Splendid.
Best Cast Steel, Adze Eye, Painted Black.

Approx. Weight Each, Lbs.....	8	9
Approx. Weight Per Dozen, Lbs...	108	124
Per Dozen	$14.50	15.75

Two Dozen in a Case.

Pick Mattocks.



Extra Quality Cast Steel, Adze Eye, Painted, Polished Point and Bit.

Per Dozen

No. E5—8½x4¼ in. Blade, 8½ in. Long Point, Approx. Weight Each 6 Lbs.....**$12.00**

Approximate Weight Per Case 160 Pounds.
Two Dozen in a Case.

Splendid.
Best Cast Steel, Adze Eye, Painted, Polished Point and Bit.

Per Dozen

No. 50—8½x4¼ in. Blade, 8½ in. Long Point, Approx. Weight Each 6 Lbs.....**$9.50**

Approximate Weight Per Dozen 160 Pounds.
Two Dozen in a Case.

Grub Hoes.

Extra Quality Steel, Adze Eye, Painted, Polished Bit.

Per Dozen

No. E1G—10¾x3¾ in. Blade, Ap. Wt. Each 3½ Lbs..**$9.35**

No. E2G—11¼x4 in. Blade, Ap. Wt. Each 4 Lbs.. **9.70**

Splendid.
Best Cast Steel, Adze Eye, Painted, Polished Bit.

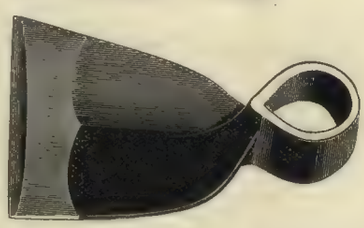
Per Dozen

No. 01—10¾x3¾ in. Blade, Ap. Wt. Each 3½ Lbs...**$7.25**

No. 02—11¼x4 in. Blade, Ap. Wt. Each 4 Lbs... **7.50**

Approximate Weight Per Case 100 Pounds.
Two Dozen in a Case.

Hazel Hoes.



Extra Quality Cast Steel, Adze Eye, Painted, Polished Bit.

Per Dozen

No. E1H—6x6 in. Blade, Approx. Weight Each 3 Lbs..**$15.30**

Splendid.
Best Cast Steel, Adze Eye, Painted, Polished Bit.

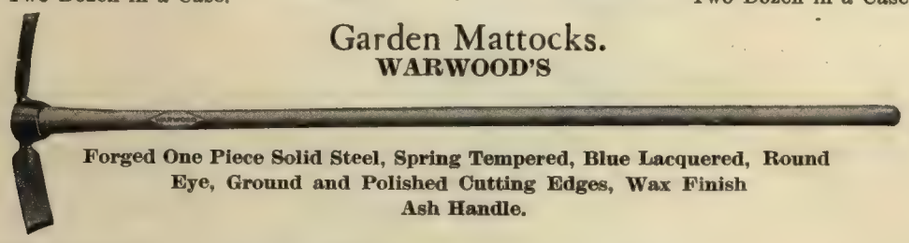
Per Dozen

No. 1—6x6 in. Blade, Approx. Weight Each 6 Lbs....**$10.70**

Approximate Weight Per Case 90 Pounds.
Two Dozen in a Case.

Garden Mattocks.

WARWOOD'S



Forged One Piece Solid Steel, Spring Tempered, Blue Lacquered, Round Eye, Ground and Polished Cutting Edges, Wax Finish Ash Handle.

Per Dozen

No. 400—6x3 in. Blade, 6x1½ in. Cutter, 4½ ft. Handle.....**$9.00**

Approximate Weight Per Dozen 50 Pounds.
One-half Dozen in a Bundle.

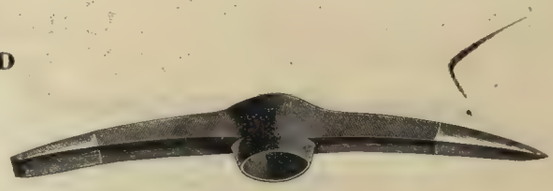
Picks.

RAILROAD

Extra Quality Cast Steel, Adze Eye, Painted, Polished Chisel and Point.

	Per Dozen
No. E1—Approx. Weight Each 5 to 6 Lbs.	$10.00
No. E2—Approx. Weight Each 5½ to 6½ Lbs.	10.35
No. E3—Approx. Weight Each 6 to 7 Lbs.	10.70

Approximate Weight Per Case 170 Pounds.
Two Dozen in a Case.



Splendid.
Best Cast Steel, Adze Eye, Painted, Polished Chisel and Point.

	Per Dozen
No. 4—Approx. Weight Each 5 to 6 Lbs.	$7.80
No. 5—Approx. Weight Each 5½ to 6½ Lbs.	8.10
No. 6—Approx. Weight Each 6 to 7 Lbs.	8.35

Approximate Weight Per Case 170 Pounds.
Two Dozen in a Case.

ORE

Splendid.
Best Cast Steel, Adze Eye, Diamond Pointed, Painted, Polished Points.

Approx. Weight Each, Lbs.	6	6½	7
Per Dozen	$8.10	8.35	8.60

Approximate Weight Per Case 170 Pounds.
Two Dozen in a Case.

DRIFTING

Splendid.
Best Cast Steel, Tool Steel Points, Adze Eye, Oil Finish.

Nos.	3	4
Approx. Weight Each, Lbs.	4½	5
Per Dozen	$8.35	9.00

Approximate Weight Per Case 140 Pounds.
Two Dozen in a Case.

RAILROAD TAMPING

Splendid.
V Head, High Grade Solid Steel, Extra Strong, Adze Eye, Standard Size Tamp, Black Finish.

Approx. Weight Each, Lbs.	7	8	9
Ap. Wt. Per Dozen, Lbs.	98	110	124
Per Dozen	$10.30	10.85	11.70

Two Dozen in a Case.

WISCONSIN LEAD MINING

Splendid.
No. 19—Solid Cast Steel, Oil Finish.

Approx. Weight Each, Lbs.	2½ to 3¼
Per Dozen	$13.35

Approximate Weight Per Case 50 Pounds.
Two Dozen in a Case.

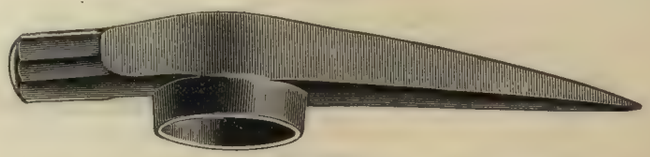
COAL

Splendid.
No. 33—Solid Cast Steel, Oil Finish.

Approx. Weight Each, Lbs.	2	2½
Per Dozen	$7.65	8.10

Approximate Weight Per Case 42 Pounds.
Two Dozen in a Case.

POLL



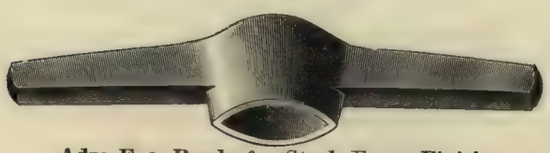
Splendid.
Best Cast Steel, Tool Steel Points, Adze Eye, Oil Finish.

	Per Dozen
No. 4—Approx. Weight Each 5¼ Lbs.	$10.80

Approximate Weight Per Case 135 Pounds.
Two Dozen in a Case.

Pick Eyes.

RAILROAD

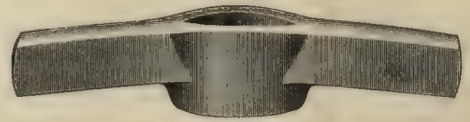


Adze Eye, Ready for Steel, Forge Finish.

Approx. Weight Each, Lbs.	5	6	7
Per Dozen	$7.60	8.40	9.20

Approximate Weight Per Case 165 Pounds.
Two Dozen in a Case.

DRIFTING



Adze Eye, Ready for Steel, Forge Finish.

Nos.	1	2	3	4	5
Ap. Weight Each, Lbs.	3	4	4½	5	6
Per Dozen	$6.00	6.80	7.20	7.60	8.40

Approximate Weight Per Case 130 Pounds.
Two Dozen in a Case.

Carpenters' Bars.

Nos. 125, 150 and 200.

No. 250.

Made of High Grade Octagon Tool Steel. Per Dozen

No. 125—With Claw and Pinch Point, ½ in. Octagon Steel, 11 in. Long, Approx. Weight Per Dozen 9 Lbs.....$2.80
No. 150—With Claw and Pinch Point, ¾ in. Octagon Steel, 30 in. Long, Approx. Weight Per Dozen 50 Lbs..... 6.10
No. 200—With Claw and Pinch Point, ¾ in. Octagon Steel, 24 in. Long, Approx. Weight Per Dozen 42 Lbs..... 5.60
No. 250—With Claw and Chisel Point, ¾ in. Octagon Steel, 30 in. Long, Approx. Weight Per Dozen 50 Lbs..... 6.10

Carpenters' Ripping Bars.

Made of Octagon Solid Steel. Per Dozen

No. 1470A—With Claw and Chisel Point, ¾ in. Octagon Steel, 24 in. Long, Approx. Weight Per Dozen 36 Lbs.....$8.90

Crow Bars.

No. 20.

No. 25.

Made from Solid High Carbon Hammered Steel. Each

No. 20—Handy, Pinch Point, ¾ in. in the Square, 3 ft. Long, Approx. Weight Each 4½ Lbs.....$0.80
No. 25—Handy, Split Pinch Point or Claw, ¾ in. in the Square, 3 ft. Long, Approx. Weight Each 4½ Lbs..... .90

Nos. 1 and 101.

Nos. 2 and 102.

Made from Hammer Forged Uniform High Quality Steel. Per 100 Pounds

No. 1—Wedge Point, Assorted Weights, 10 to 30 Lbs.....$5.90
No. 2—Pinch Point, Assorted Weights, 10 to 30 Lbs..... 5.90

Made from High Grade Open Hearth Steel. Per Pound

No. 101—Wedge Point, Assorted Weights, 10 to 25 Lbs.....$0.17
No. 102—Pinch Point, Assorted Weights, 10 to 25 Lbs..... .17

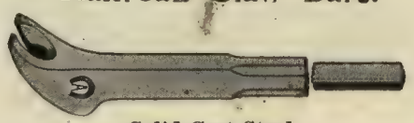
Nos. 101 and 102 Crow Bars are intended for extra heavy work.

Railroad Lining Bars.

Solid Cast Steel. Per 100 Pounds

No. 3—Diamond Point, Assorted Weights, 15 to 25 Lbs.$6.50
Open Stock.

Railroad Claw Bars.

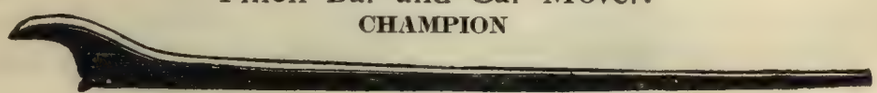


Solid Cast Steel. Per Pound

No. 5—Improved Shape, with Heel, Assorted Weights, 28 to 30 Lbs.....$0.15

Pinch Bar and Car Mover.

CHAMPION



Solid Steel Bar and Head, Hardened Cast Steel Bit. Each

No. 100—Length 5 ft., Approx. Weight Each 15 Lbs., Complete with One Extra Cast Steel Bit.....$4.50
Extra Bits—Cast Steel..... .60

Car Movers.

BADGER

For Moving Railway Cars by Hand.

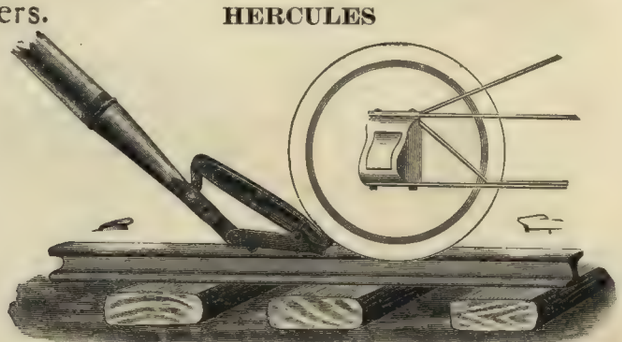
Each

No. 10—All Castings Malleable Iron, Refined Crucible Steel Removable Spurs, Second Growth Hard Maple Handles, Complete with Extra Spur...$7.25
Approx. Weight Each 15 Pounds.

Per Set

Extra Bits or Spurs—Refined Crucible Steel.....$0.60

HERCULES



For Moving Railway Cars by Hand, Compound Leverage.

Each

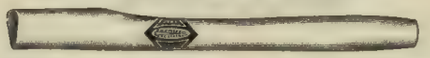
No. 20—All Castings Malleable Iron, Self-Hardening Steel Spur, Selected Hickory Handle.....$7.80
Approx. Weight Each 18½ Pounds.

Extra Bits or Spurs—Self-Hardening Steel..... .70

All Above, Open Stock.

Handles.

SHINGLING HATCHET



Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	13	14	15
Weight Per Dozen, Lbs.	4½	5½	1½
Per Dozen	$1.90	1.90	1.90

One Dozen in a Carton.

ADZE EYE HAMMER

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

	Regular	Extra Light
Length, Inches	14	14
Weight Per Dozen, Lbs.	4½	4
Per Dozen	$1.90	1.90

14 in. Extra Light Handles are for Nos. 2 and 3 Hammers

One Dozen in a Carton.

BLACKSMITHS' HAMMER

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	13	15	16	18	20	24
Weight Per Dozen, Lbs.	4	5	5½	6	6½	8
Per Dozen	$1.90	1.90	2.10	2.25	2.55	3.70

13 to 20 in., One Dozen in a Carton.

BENCH HATCHET

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	16	17	18	19	20
Weight Per Dozen, Lbs.	7½	9	10	12	15
Per Dozen	$2.25	2.35	2.45	2.55	2.75

One Dozen in a Carton.

RIVETING HAMMER

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	12
Weight Per Dozen, Lbs.	2½
Per Dozen	$1.90

One Dozen in a Carton.

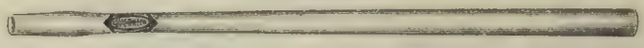
MACHINISTS' HAMMER

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	14	15	16	18	20	24
Weight Per Dozen, Lbs.	4¼	4½	5	5½	6	8
Per Dozen	$1.90	1.90	2.10	2.25	2.55	3.70

14 to 20 in., One Dozen in a Carton.

SLEDGE



Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	24	30	32	34	36
Weight Per Dozen, Lbs.	12	16	18	19½	21
Per Dozen	$3.70	4.80	4.80	5.60	5.60

Each Handle in a Paper Bag; One Dozen in a Carton.

STONE HAMMER

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	24	30
Weight Per Dozen, Lbs.	12	14
Per Dozen	$3.70	4.80

Each Handle in a Paper Box; One Dozen in a Carton.

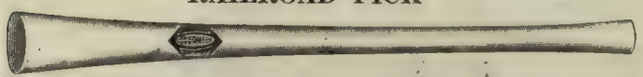
SPIKE MAUL

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	30	32	34	36
Weight Per Dozen, Lbs.	14	16	18	21
Per Dozen	$4.80	4.80	5.60	5.60

Each Handle in a Paper Bag; One Dozen in a Carton.

RAILROAD PICK



Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	36
Weight Per Dozen, Lbs.	30
Per Dozen	$9.55

Each Handle in a Paper Bag; Two Dozen in a Crate.

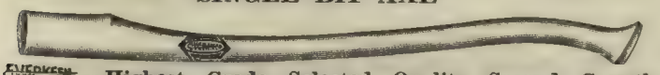
CARPENTER'S ADZE

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	34
Weight Per Dozen, Lbs.	25
Per Dozen	$6.70

Each Handle in a Paper Bag; Two Dozen in a Crate.

SINGLE BIT AXE



Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	33	36
Weight Per Dozen, Lbs.	24	28
Per Dozen	$6.70	6.70

Each Handle in a Paper Bag; Two Dozen in a Crate.

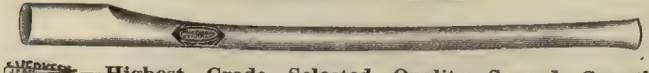
DOUBLE BIT AXE

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	33	36
Weight Per Dozen, Lbs.	24	28
Per Dozen	$6.70	6.70

Each Handle in a Paper Bag; Two Dozen in a Crate.

LUMBERMAN'S AXE



Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	36
Weight Per Dozen, Lbs.	28
Per Dozen	$6.75

Each Handle in a Paper Bag; Two Dozen in a Crate.

BOY'S AXE

Evergreen—Highest Grade Selected Quality Second Growth Hickory, All White, Waxed Finish.

Length, Inches	28
Weight Per Dozen, Lbs.	18
Per Dozen	$5.70

Each Handle in a Paper Bag; Two Dozen in a Crate.

Handles.

SHINGLING HATCHET

No. Extra—Second Growth Hickory.

Length, Inches	13	14	15
Ap. Weight Per Dozen, Lbs.	4	4½	5
Per Dozen	$1.15	1.25	1.25

Open Stock.

No. 6X—Select Growth Hickory, All White.

Length, Inches	13	14	15
Ap. Weight Per Dozen, Lbs.	4½	5	5½
Per Dozen	$1.45	1.45	1.45

One Dozen in a Carton.

BENCH HATCHET

No. Extra—Second Growth Hickory.

Length, Inches	16	17	18	19	20
Ap. Wt. Per Dozen, Lbs.	6	6¾	7½	8½	9½
Per Dozen	$1.35	1.40	1.56	1.90	2.00

Open Stock.

No. 6X—Select Second Growth Hickory, All White.

Length, Inches	16	17	18	19	20
Ap. Wt. Per Dozen, Lbs.	6½	7¼	8	9	10
Per Dozen	$1.56	1.80	2.10	2.40	2.55

One Dozen in a Carton.

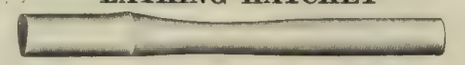
HUNTERS' HATCHET

No. Extra—Second Growth Hickory.

Length, Inches	14
Approx. Weight Per Dozen, Lbs.	3½
Per Dozen	$1.70

Open Stock.

LATHING HATCHET



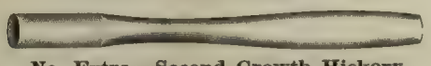
For Underhills' Pattern Lath Hatchet.

No. Extra—Second Growth Hickory.

Length, Inches	13½
Approx. Weight Per Dozen, Lbs.	4
Per Dozen	$1.70

Open Stock.

ADZE EYE HAMMER



No. Extra—Second Growth Hickory.

	Regular	Extra Light
Length, Inches	14	14
Approx. Weight Per Dozen, Lbs.	4½	4
Per Dozen	$1.25	1.25

Extra Light Handles are for Nos. 2 and 3 Hammers.

No. 6X—Select Second Growth Hickory, All White.

Length, Inches	14
Approx. Weight Per Dozen, Lbs.	5
Per Dozen	$1.56

One Dozen in a Carton.

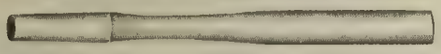
SPECIAL BRAD HAMMER

No. Extra—Second Growth Hickory.

Length, Inches	11¼
Approx. Weight Per Dozen, Lbs.	2½
Per Dozen	$1.35

Open Stock.

ROUND EYE HAMMER

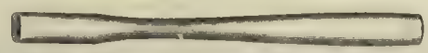


No. Extra—Second Growth Hickory.

Length, Inches	14
Approx. Weight Per Dozen, Lbs.	4
Per Dozen	$1.25

Open Stock.

RIVETING HAMMER



No. Extra—Second Growth Hickory, Oval Eye.

Length, Inches	12
Approx. Weight Per Dozen, Lbs.	2½
Per Dozen	$1.12

Open Stock.

BLACKSMITHS' HAMMER

No. Extra—Second Growth Hickory.

Length, Inches	13	15	16	18	20	22
Ap. Wt. Per Dozen, Lbs.	3½	4½	5	5½	6	7
Per Dozen	$1.12	1.12	1.25	1.40	1.56	1.78

Open Stock.

No. 6X—Select Second Growth Hickory, All White.

Length, Inches	13	15	16	18	20	22
Ap. Wt. Per Dozen, Lbs.	3¾	4¾	5¼	5¾	6¼	7½
Per Dozen	$1.45	1.45	1.56	1.70	2.05	2.55

Open Stock.

MACHINISTS' HAMMER

No. Extra—Second Growth Hickory.

Length, Inches	14	15	16	18	20	24
Ap. Wt. Per Dozen, Lbs.	3½	4	4½	5	5½	7
Per Dozen	$1.12	1.12	1.25	1.40	1.56	1.90

Open Stock.

No. 6X—Select Second Growth Hickory, All White.

Length, Inches	14	15	16	18	20	24
Ap. Wt. Per Dozen, Lbs.	3¾	4¼	4¾	5¼	5¾	7½
Per Dozen	$1.45	1.45	1.50	1.70	2.00	3.35

Open Stock.

FARRIERS' HAMMER

No. Extra—Second Growth Hickory, Round Eye.

Length, Inches	14
Approx. Weight Per Dozen, Lbs.	4
Per Dozen	$1.25

Open Stock.

COOPERS' HAMMER

No. Extra—Second Growth Hickory, Oval Eye.

Length, Inches	14
Approx. Weight Per Dozen, Lbs.	6
Per Dozen	$1.70

Open Stock.

Handles.

SLEDGE

No. Extra—Second Growth Hickory, Turned.

Length, Inches	24	30	32	34	36
Weight Per Dozen, Lbs.	12	15	16	18	20
Per Dozen	$2.55	3.55	3.55	4.35	4.35

No. 6X—Second Growth Hickory, All White, Turned.

Length, Inches	24	30	32	34	36
Weight Per Dozen, Lbs.	12	15	16	18	20
Per Dozen	$4.45	5.00	5.00	5.60	5.60

Five Dozen in a Crate.

SPIKE MAUL

No. Extra—Second Growth Hickory, Turned.

Length, Inches	30	32	34	36
Weight Per Dozen, Lbs.	15	18	19	21
Per Dozen	$3.55	3.55	4.35	4.35

No. 6X—Second Growth Hickory, All White, Turned.

Length, Inches	30	32	34	36
Weight Per Dozen, Lbs.	15	18	19	21
Per Dozen	$5.00	5.00	5.60	5.60

Five Dozen in a Crate.

No. Star—OCTAGON, Second Growth Hickory.

Length, Inches	36
Weight Per Dozen, Lbs.	18
Per Dozen	$2.45

No. Special—OVAL, White Hickory.

Length, Inches	30	36
Weight Per Dozen, Lbs.	15	18
Per Dozen	$2.55	3.55

Five Dozen in a Crate.

STONE HAMMER

No. Extra—Second Growth Hickory, Turned.

Length, Inches	24	30
Weight Per Dozen, Lbs.	12	15
Per Dozen	$2.55	3.55

No. 6X—Second Growth Hickory, All White, Turned.

Length, Inches	24	30
Weight Per Dozen, Lbs.	12	15
Per Dozen	$3.35	4.70

Five Dozen in a Crate.

POST MAUL

Selected Hickory, Turned.

Per Dozen

No. 1—36 in., Weight Per Dozen About 20 Lbs., for Sperry's Pattern Post Mauls $2.25

Five Dozen in a Crate.

WOOD CHOPPER MAUL

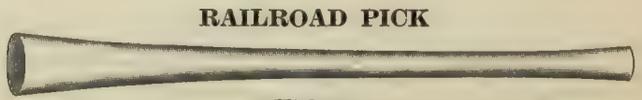
Second Growth Hickory, Turned.

Per Dozen

No. 1—Special, 36 in. Weight Per Dozen About 16 Lbs., for Axe Eye Wood Chopper Mauls $3.90

Five Dozen in a Crate.

RAILROAD PICK



Hickory.

Per Dozen

No. 1 —36 in., Forest Hickory, Turned, Weight Per Dozen About 34 Lbs. $4.45
No. 2 —36 in., Forest Hickory, Turned, Weight Per Dozen About 34 Lbs. 2.90
No. 3X—36 in., Second Growth Hickory, Turned, Weight Per Dozen About 34 Lbs. 5.60
No. 6X—36 in., Second Growth Hickory, All White, Turned, Weight Per Dozen About 34 Lbs. 7.25
No. Special—36 in., White Hickory, Weight Per Dozen About 34 Lbs. 5.00

Two Dozen in a Crate.

GRUB HOE

Forest Hickory, Turned.

Per Dozen

No. 1—36 in., Weight Per Dozen About 30 Lbs. $5.00

Five Dozen in a Crate.

HAZEL HOE

Forest Hickory, Turned.

Per Dozen

No. 1—36 in., Weight Per Dozen About 30 Lbs. $3.55

Five Dozen in a Crate.

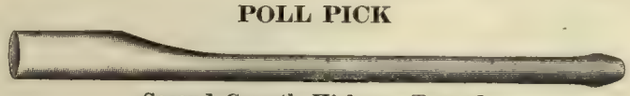
Handles.

DRIFTING PICK

Second Growth Hickory, Turned.

Per Dozen
No. Extra—34 in., Weight Per Dozen About 24 Lbs..... **$6.10**
Two Dozen in a Crate.

POLL PICK



Second Growth Hickory, Turned.

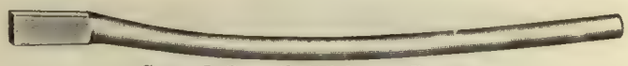
Per Dozen
No. Extra—34 in., Weight Per Dozen About 24 Lbs..... **$6.10**
Two Dozen in a Crate.

CARPENTERS' ADZE

Second Growth Hickory, Turned.

Per Dozen
No. Extra—34 in., Weight Per Dozen About 24 Lbs..... **$6.25**
Two Dozen in a Crate.

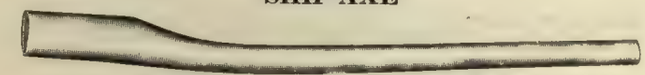
SHIP ADZE



Second Growth Hickory, Turned.

Per Dozen
No. Extra—34 in., Weight Per Dozen About 24 Lbs..... **$6.25**
Two Dozen in a Crate.

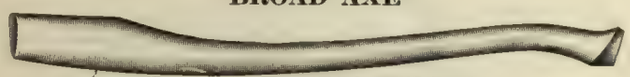
SHIP AXE



Second Growth Hickory, Turned.

Per Dozen
No. Extra—34 in., Weight Per Dozen About 24 Lbs..... **$6.25**
Two Dozen in a Crate.

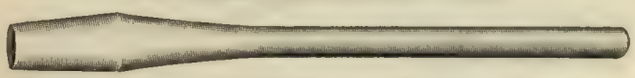
BROAD AXE



Special Pattern, Right and Left.
Hickory, Oval, Hand Shaved, Polished.

Per Dozen
No. 2X—33 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 23 Lbs..... **$6.70**
No. 4X—33 in., Extra Quality Second Growth Selected Hickory, Weight Per Dozen About 24 Lbs..... **7.80**
No. 6X—33 in., Extra Quality Second Growth Selected Hickory, Weight Per Dozen About 24 Lbs..... **8.35**
When Ordering Always be Careful to Specify if Right or Left Hand is Wanted. See Illustrations.
Five Dozen in a Crate.

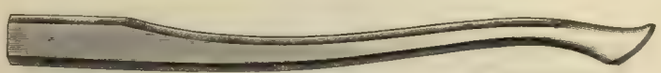
REVERSIBLE BROAD AXE



No. Extra—Oval, Second Growth Hickory, Turned.

Length, Inches	**26**	**36**
Weight Per Dozen, Lbs.	19	24
Per Dozen	**$5.45**	**6.25**

Two Dozen in a Crate.



Octagon, Second Growth Hickory, Hand Shaved.

Per Dozen
No. 36—Special, 36 in., Weight Per Dozen About 32 Lbs..... **$7.25**
Two Dozen in a Crate.

Axe Handles.

SINGLE BIT

Hickory, Turned.

	Per Dozen
No. 1—36 in., Selected Forest Hickory, Weight Per Dozen About 24 Lbs.	$3.25
No. 2—36 in., Forest Hickory, Weight Per Dozen About 24 Lbs.	2.45
No. 3—36 in., Forest Hickory, Weight Per Dozen About 24 Lbs.	2.25

Two Dozen in a Crate.

HICKORY, Oval, Hand Shaved, Polished.

	Per Dozen
No. 6X—Jones', 36 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 24 Lbs.	$7.80
No. 6X—Jones', 33 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 23 Lbs.	7.80
No. 4X—Jones', 36 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 24 Lbs.	7.25
No. 4X—Jones', 33 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 23 Lbs.	7.25
No. 2X—Jones', 36 in., Second Growth Hickory, Weight Per Dozen About 24 Lbs.	5.00
No. 2X—Jones', 33 in., Second Growth Hickory, Weight Per Dozen About 23 Lbs.	5.00
No. Special—36 in., White Hickory, Weight Per Dozen About 24 Lbs.	4.50
No. Special—33 in., White Hickory, Weight Per Dozen About 23 Lbs.	4.50

Oak, Oval, Hand Shaved, Polished.

	Per Dozen
No. 136—36 in., Blue Oak, Weight Per Dozen About 20 Lbs.	$4.50

Two Dozen in a Crate.

LUMBERMAN'S STRAIGHT

HICKORY, Oval, Hand Shaved, Polished.

	Per Dozen
No. 6X—Jones', 36 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 24 Lbs.	$7.80
No. 4X—Jones', 36 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 24 Lbs.	7.25
No. 2X—Jones', 36 in., Second Growth Hickory, Weight Per Dozen About 24 Lbs.	5.00
No. Special—36 in., White Hickory, Weight Per Dozen About 24 Lbs.	4.50

OAK, Oval, Hand Shaved, Polished.

	Per Dozen
No. 336—36 in., Blue Oak, Weight Per Dozen About 20 Lbs.	$4.50

Two Dozen in a Crate.

DOUBLE BITTED

HICKORY, Oval, Hand Shaved, Polished.

	Per Dozen
No. 6X—Jones', 36 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 24 Lbs.	$7.80
No. 6X—Jones', 33 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 23 Lbs.	7.80
No. 4X—Jones', 36 in, Extra Quality Second Growth Hickory, Weight Per Dozen About 24 Lbs.	7.25
No. 4X—Jones', 33 in., Extra Quality Second Growth Hickory, Weight Per Dozen About 23 Lbs.	7.25
No. 2X—Jones', 36 in., Second Growth Hickory, Weight Per Dozen About 24 Lbs.	5.00
No. 2X—Jones', 33 in., Second Growth Hickory, Weight Per Dozen About 23 Lbs.	5.00
No. Special—36 in., White Hickory, Weight Per Dozen About 24 Lbs.	4.50
No. Special—33 in., White Hickory, Weight Per Dozen About 23 Lbs.	4.50

OAK, Oval, Hand Shaved, Polished.

	Per Dozen
No. 236—36 in., Blue Oak, Weight Per Dozen About 20 Lbs.	$4.50

Two Dozen in a Crate.

BOYS' AXE

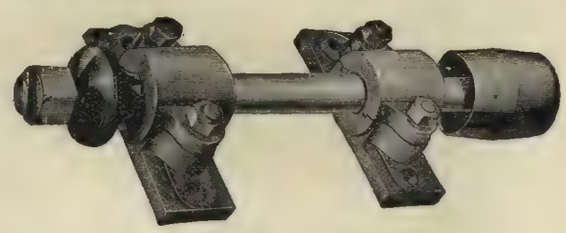
Hickory, Turned.

	Per Dozen
No. 1—28 in., Forest Hickory, Weight Per Dozen About 16 Lbs.	$2.70
No. Extra—Selected Forest Hickory, Weight Per Dozen About 16 Lbs.	4.40

Two Dozen in a Crate.

Circular Saw Mandrels.

WITH SELF-OILING BOXES



Pulley in Center.

Nos.	Diam. of Pulley In.	Face of Pulley In.	Diam. of Flange In	Lgth. of Shaft In.	Diam. of Shaft In.	Size of Hole In.	Each
C1	2½	3½	2½	14	1 1/16	1	$11.65
C2	3	4	3	16	1 1/16	1⅛	13.35
C3	3½	4½	3½	18	1 1/16	1¼	14.20
C4	4	5	4	20	1 7/16	1 5/16	16.25
C5	4½	5½	4½	22	1 7/16	1 5/16	18.35
C6	5	6	5	24	1 7/16	1⅜	20.85
C7	5½	6½	5½	26	1 7/16	1⅜	23.00
C8	6	7	6	28	1 9/16	1½	26.00
C9	7	8	6	32	1 11/16	1⅝	35.80
C10	8	8	6	36	1 13/16	1⅝	42.90

Pulley on End.

Nos.	Diam. of Pulley In.	Face of Pulley In.	Diam. of Flange In	Lgth. of Shaft In.	Diam. of Shaft In.	Size of Hole In.	Each
E1	2½	3½	2½	16½	1 1/16	1	$12.80
E2	3	4	3	19	1 3/16	1⅛	14.20
E3	3½	4½	3½	21½	1 5/16	1¼	15.00
E4	4	5	4	24	1 7/16	1 5/16	17.90
E5	4½	5½	4½	26	1 7/16	1 5/16	20.00
E6	5	6	5	28	1 7/16	1⅜	23.00
E7	5½	6½	5½	30½	1 7/16	1⅜	25.00
E8	6	7	6	32½	1 9/16	1½	32.50
E9	7	8	6	37	1 11/16	1⅝	39.15
E10	8	8	6	41	1 13/16	1⅝	46.60

Larger Sizes Made to Order.

When ordering Saw Mandrels, send sketch and give distance from the Saw to end of Mandrel, if the pulley is between the bearings. If the Pulley is on the end of Mandrel, give distance from Saw to inside edge of Pulley. Also, whether the Pulley is on the right or left hand side of Mandrel when Saw is running towards you. Our Mandrels are made with Pulley on right hand side with left hand thread, unless otherwise ordered.

Circular Saws.

HENRY DISSTON & SONS'

Patent Gullet Tooth.

Patent Ground and Tempered.

Diameter	Thickness Gauge	Size of Arbor Hole In.	Approx. Ship. Weight, Lbs.	Price, Each	Extra for Each Additional Gauge Heavier
4 in.	19	¾	½	$1.20	$0.03
5 in.	19	¾	½	1.50	.04
6 in.	18	¾	¾	1.80	.05
7 in.	18	¾	1¼	2.10	.06
8 in.	18	⅞	1½	2.40	.08
9 in.	17	⅞	2½	2.80	.10
10 in.	16	1	2¾	3.30	.12
11 in.	16	1	5	3.90	.16
12 in.	15	1	6	4.40	.20
14 in.	14	1⅛	8	5.30	.25
16 in.	14	1⅛	10	6.50	.30

Patent Gullet Tooth, Patent Ground and Tempered.

Diameter	Thickness Gauge	Size of Arbor Hole In.	Approx. Ship. Weight, Lbs.	Price, Each	Extra for Each Additional Gauge Heavier
18 in.	13	1¼	12	$ 8.00	$0.40
20 in.	13	1 5/16	15	9.50	.50
22 in.	12	1 5/16	18	11.50	.60
24 in.	11	1⅜	24	13.50	.70
26 in.	11	1⅜	28	16.00	.85
28 in.	10	1½	35	18.50	1.00
30 in.	10	1½	40	21.00	1.15
32 in.	10	1⅝	55	24.00	1.30
34 in.	9	1⅝	70	27.00	1.50
36 in.	9	1⅝	75	31.00	1.80
38 in.	9	1⅝	90	35.00	2.00
40 in.	9	2	95	41.00	2.30
42 in.	8	2	105	47.00	2.60
44 in.	8	2	120	55.00	3.00
46 in.	8	2	145	65.00	3.50
48 in.	8	2	150	75.00	4.00
50 in.	7	2	155	85.00	4.50
52 in.	7	2	175	95.00	5.00
54 in.	7	2	190	105.00	6.00
56 in.	7	2	200	120.00	7.00
58 in.	7	2	225	135.00	8.00
60 in.	6	2	245	150.00	9.00
62 in.	6	2	250	170.00	10.00
64 in.	6	2	260	190.00	12.00
66 in.	6	2	280	210.00	15.00

When ordering Circular Saws, the following directions should be explicity given: Diameter in inches; thickness or gauge at rim; thickness or gauge at center; right or left hand; number of teeth; size of mandrel-hole; size of pin-hole; distance between pin-holes from center to center; greatest feed at each revolution in inches; kind of lumber to be sawed; number of revolutions per minute. **Also State if Cross Cut or Rip Saw is Wanted.** If wanted Set and Sharpened, can furnish at standard factory charge for such work.

Circular Saws.

E. C. ATKINS & CO.'S

Diam.	Thickness Gauge	Size of Arbor Hole, In.	Approx. Shipping Weight, Lbs.	Price, Each	Extra for Each Additional Gauge Heavier
4 in.	19	¾	½	$1.35	$0.03½
5 in.	19	¾	½	1.70	.04½
6 in.	18	¾	¾	2.00	.05¾
7 in.	18	¾	1¼	2.35	.07
8 in.	18	⅞	1½	2.70	.09
9 in.	17	⅞	2½	3.15	.12
10 in.	16	1	2¾	3.70	.14
11 in.	16	1	5	4.35	.18
12 in.	15	1	6	4.90	.22
14 in.	14	1⅛	8	5.90	.28
16 in.	14	1⅛	10	7.25	.34
18 in.	13	1¼	12	8.90	.45

Silver Steel, Solid Tooth, Patent Ground and Tempered.

Diam.	Thickness Gauge	Size of Arbor Hole, In.	Approx. Shipping Weight, Lbs.	Price, Each	Extra for Each Additional Gauge Heavier
20 in.	13	1 5/16	15	$ 10.60	$ 0.56
22 in.	12	1 5/16	18	12.80	.67
24 in.	11	1⅜	24	15.00	.78
26 in.	11	1⅜	28	17.80	.94
28 in.	10	1½	35	20.55	1.12
30 in.	10	1½	40	23.40	1.28
32 in.	10	1⅝	55	26.75	1.45
34 in.	9	1⅝	70	30.00	1.68
36 in.	9	1⅝	75	34.50	2.00
38 in.	9	1⅝	90	38.85	2.25
40 in.	9	2	95	45.50	2.55
42 in.	8	2	105	52.20	2.90
44 in.	8	2	120	61.10	3.35
46 in.	8	2	145	72.20	3.90
48 in.	8	2	150	83.35	4.50
50 in.	7	2	155	94.35	5.00
52 in.	7	2	175	105.45	5.60
54 in.	7	2	190	116.55	6.70
56 in.	7	2	200	133.20	7.80
58 in.	7	2	225	150.00	8.90
60 in.	6	2	245	166.50	10.00
62 in.	6	2	250	188.70	11.10
64 in.	6	2	260	210.90	13.35
66 in.	6	2	280	233.10	16.70

SIMONDS MFG. CO.'S

Diam.	Thickness Gauge	Size of Arbor Hole, In.	Approx. Shipping Weight, Lbs.	Price, Each	Extra for Each Additional Gauge Heavier
4 in.	19	¾	½	$1.35	$0.03½
5 in.	19	¾	½	1.70	.04½
6 in.	18	¾	¾	2.00	.05¾
7 in.	18	¾	1¼	2.35	.07
8 in.	18	⅞	1½	2.70	.09
9 in.	17	⅞	2½	3.15	.12
10 in.	16	1	2¾	3.70	.14
11 in.	16	1	5	4.35	.18
12 in.	15	1	6	4.90	.23
14 in.	14	1⅛	8	5.90	.28
16 in.	14	1⅛	10	7.25	.34
18 in.	13	1¼	12	8.90	.45
20 in.	13	1 5/16	15	10.60	.56

Simonds Steel, Solid Tooth, Uniform Temper, Adjustment and Quality of Temper.

Diam.	Thickness Gauge	Size of Arbor Hole, In.	Approx. Shipping Weight, Lbs.	Price, Each	Extra for Each Additional Gauge Heavier
22 in.	12	1 5/16	18	$ 12.80	$ 0.67
24 in.	11	1⅜	24	15.00	.78
26 in.	11	1⅜	28	17.80	.94
28 in.	10	1½	35	20.55	1.12
30 in.	10	1½	40	23.40	1.28
32 in.	10	1⅝	55	26.75	1.45
34 in.	9	1⅝	70	30.00	1.68
36 in.	9	1⅝	75	34.50	2.00
38 in.	9	1⅝	90	38.85	2.25
40 in.	9	2	95	45.50	2.55
42 in.	8	2	105	52.20	2.90
44 in.	8	2	120	61.10	3.35
46 in.	8	2	145	72.20	3.90
48 in.	8	2	150	83.25	4.50
50 in.	7	2	155	94.35	5.00
52 in.	7	2	175	105.45	5.60
54 in.	7	2	190	116.55	6.70
56 in.	7	2	200	133.20	7.80
58 in.	7	2	225	150.00	8.90
60 in.	6	2	245	166.50	10.00
62 in.	6	2	250	188.70	11.10
64 in.	6	2	260	210.90	13.35
66 in.	6	2	280	233.10	16.70

No Extra Charge for Saws One Gauge Heavier than List.

When ordering Circular Saws, the following directions should be explicity given: Diameter in inches; thickness or gauge at rim; thickness or gauge at center; right or left hand; number of teeth; size of mandrel-hole; size of pin-hole; distance between pin-holes from center to center; greatest feed at each revolution in inches; kind of lumber to be sawed; number of revolutions per minute. **Also State if Cross Cut or Rip Saw is Wanted.**

If wanted Set and Sharpened, can furnish at standard factory charge for such work.

Circular Saws.

PEERLESS CORDWOOD

Gullet Tooth, Patent Ground and Tempered.
Set and Sharpened Ready for Use.

These Saws are Made for Sawing Cordwood, etc. They are Set and Sharpened Ready for Use for this Class of Work and are not Intended for Mill Work.

Diameter, Inches	20	22	24	26	28	30	32
Size of Hole, Inches	1¼	1¼	1¼	1¼	1⅜	1⅜	1½
Thickness, Gauge	13	12	11	11	10	10	10
Ap. Shipping Weight, Lbs.	15	18	24	28	35	40	55
Each	$5.45	6.60	7.00	9.00	10.25	11.70	12.90

NOTE—When Ordering, State Diameter of Saw and Size of Arbor Hole.
We cannot furnish these Saws in any other gauge than listed above nor Rip Saws of this Grade.

Band Saws.

French, Extra Cast Steel.

Length 20 Feet.

Width, Inches	¼	⅜	½	⅝	¾	⅞	1
Weight Each, Lbs.	½	¾	⅞	1¼	1⅝	1 1/16	2
Each	$2.35	2.75	3.15	3.60	4.00	4.85	5.70

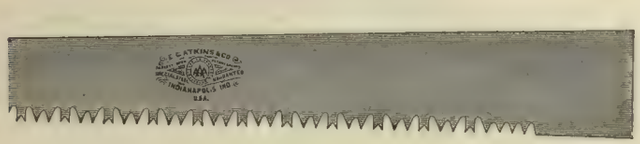
Length 22 Feet.

Width, Inches	¼	⅜	½	⅝	¾	⅞	1
Weight Each, Lbs.	½	¾	1	1⅜	1¾	2	2⅛
Each	$2.70	3.15	3.60	4.00	4.50	5.35	6.70

Open Stock.

Drag Saws.

TUTTLE TOOTH



Silver Steel, 10 Gauge.

	Per Foot
5 ft. Tapered, 7 in. Butt, 5 in. Point	$1.27
5 ft. Tapered, 8 in. Butt, 6 in. Point	1.38
5½ ft. Tapered, 7 in. Butt, 5 in. Point	1.27
5½ ft. Tapered, 8 in. Butt, 6 in. Point	1.38
6 ft. Tapered, 7 in. Butt, 5 in. Point	$1.27
6 ft. Tapered, 8 in. Butt, 6 in. Point	1.38
5 ft., 7 in. Butt, 7 in. Point	1.60

Approximate Shipping Weight 16 Pounds.
Open Stock.

CROSS CUT TOOTH

Warranted Extra Cast Steel, Tempered, 10 Gauge.

	Per Foot
5 ft. Tapered, 7 in. Butt, 5 in. Point	$1.27
5 ft. Tapered, 8 in. Butt, 6 in. Point	1.38
5½ ft. Tapered, 7 in. Butt, 5 in. Point	1.27
5½ ft. Tapered, 8 in. Butt, 6 in. Point	1.38

Approximate Shipping Weight 15 Pounds.

MILL TOOTH

Warranted Extra Cast Steel, Tempered, 10 Gauge.

	Per Foot
5 ft. Tapered, 7 in. Butt, 5 in. Point	$1.27
5 ft. Tapered, 8 in. Butt, 6 in. Point	1.38
5½ ft. Tapered, 7 in. Butt, 5 in. Point	1.27
5½ ft. Tapered, 8 in. Butt, 6 in. Point	1.38

Approximate Shipping Weight 16 Pounds.

Open Stock.

Mill Saws.

H. DISSTON & SONS'

No. 1—Cast Steel, Extra Tempered, Patent Ground.

Gauge Nos.	5	6	7	8	9
Width, Inches	8	8	8	8	8
Per Foot	$3.35	3.00	2.65	2.45	2.25

Open Stock.

Mulay Saws.

H. DISSTON & SONS'

No. 1—Cast Steel, Extra Tempered, Patent Ground.

Gauge Nos.	4	4	4	5	5	5	6	6	6
Width, Inches	10	11	12	10	11	12	10	11	12
Per Foot	$4.35	4.80	5.35	4.00	4.45	4.90	3.65	4.10	4.45
Gauge Nos.	7	7	7	8	8	8	9	9	9
Width, Inches	10	11	12	10	11	12	10	11	12
Per Foot	$3.35	3.65	4.00	3.00	3.35	3.65	2.65	3.00	3.35

Open Stock.

Pit Saws.

H. DISSTON & SONS'

Warranted Extra Cast Steel, Tempered.

Length, Feet	5	5½	6	6½	7	7½	8
Butt End, Inches	10	10¼	10½	10¾	11	11¼	11½
Point, Inches	3¼	3¼	3½	3½	3½	3½	3½
Weight Each, Lbs.	7	8	11	13	15	18	22
Each, without Handle	$5.55	6.10	6.70	7.20	7.80	8.35	8.90

Open Stock.

Whip Saws.

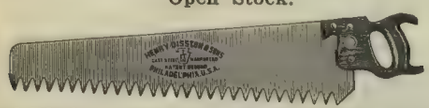
H. DISSTON & SONS'

Warranted Extra Cast Steel, Tempered.

Length, Feet	5	5½	6	6½	7	7½
Butt, Inches	4	4¼	4½	4¾	5	5¼
Point, Inches	1½	1¾	1⅞	2	2	2
Weight Each, Lbs.	3½	4	4½	5½	6	8½
Each, without Handle	$3.35	3.65	4.00	4.35	4.70	5.00

Open Stock.

Hand Ice Saws.



Cast Steel Blade, Warranted, Beech Handle, Polished Edge.

Per Dozen

No. 71—28 in., Weight Per Dozen 36 Lbs.....$25.60

One-sixth Dozen in a Box.

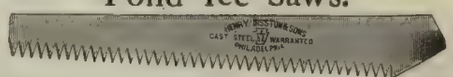
Cast Steel Blade, Warranted, Malleable Iron Handle.

Per Dozen

No. 73—28 in., Weight Per Dozen 42 Lbs.....$27.80

One-sixth Dozen in a Box.

Pond Ice Saws.



Cast Steel, Warranted, Tapered, 7 in. Butt, 5 in. Point, 11 Gauge. Set and Sharpened, without Tiller Handle.

Length, Feet	4	4½	5
Weight Each, Lbs.	10	11	12
Each	$3.80	4.25	4.75

Open Stock.

Box Handles.

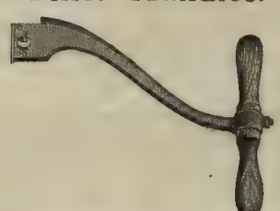
For Pit and Whip Saws.

Each

Box Handles—15½ in. Long, Weight Each 2¾ Lbs....$1.00

Open Stock.

Tiller Handles.



For Pit, Whip and Pond Ice Saws. Each

Tiller Handle—18½ in. Long; Japanned Malleable Iron Tiller, 16 in. Hardwood Handle, Weight Each 3½ Lbs. $1.25

Open Stock.

Felling Saws.

E. C. ATKINS & CO.'S PEERLESS

Silver Steel, Segment Ground, Extra Thin Back, 6 in. Blade, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	5½	6	7	7½
Each, without Handles	$5.50	6.40	7.50	8.55

Open Stock.

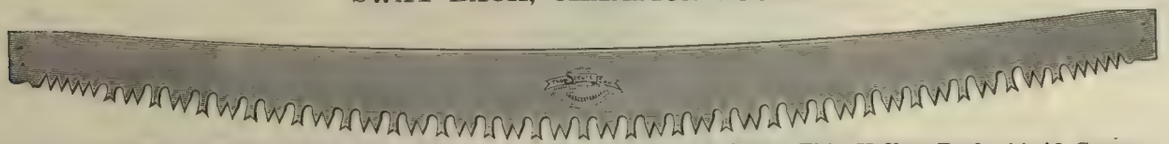
PERFECTION No. 4

Silver Steel, Segment Ground, Extra Thin Back, 6 in. Blade, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	5½	6	7	7½
Each, without Handles	$5.50	6.40	7.50	8.55

Open Stock.

SIMONDS MFG. CO.'S SWAY BACK, CHAMPION TOOTH



No. 113—Extra Quality Steel, Special Temper, Crescent Groun d, Extra Thin Hollow Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	4½	5	6½	7
Each, without Handles	$5.75	6.80	7.90	8.90

Open Stock.

SWAY BACK, LANCE TOOTH

No. 133—Extra Quality Steel, Special Temper, Crescent Ground, Extra Thin Hollow Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs.	4½	5	6½	7
Each, without Handles	$5.75	6.80	7.90	8.90

Open Stock.

Cross Cut Saws.

SIMONDS MFG. CO.'S CHAMPION TOOTH

No. 18—Extra Quality Steel, Special Temper, Crescent Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs.	5	6	7	8	8½
Each, without Handles	$5.75	6.80	7.90	8.90	10.40

Open Stock.

LANCE TOOTH

No. 22—Extra Quality Steel, Special Temper, Crescent Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs.	5	6	7	8	8½
Each, without Handles	$5.75	6.80	7.90	8.90	10.40

Open Stock.

Cross Cut Saws.

E. C. ATKINS & CO.'S
REX, No. 2 PATTERN TOOTH

Silver Steel, Segment Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	6	6½	7
Each, without Handle	$5.50	6.40	7.50

Open Stock.

HEMLOCK KING

Silver Steel, Segment Ground, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Weight Each, Lbs	6	6½	7	8
Each, without Handle	$5.50	6.40	7.50	8.55

Open Stock.

VICTOR, PERFORATED LANCE TOOTH

Special Steel, Patent Temper, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	6	6½	7	8	10
Each, without Handle	$4.30	4.70	5.15	5.55	6.00

Open Stock.

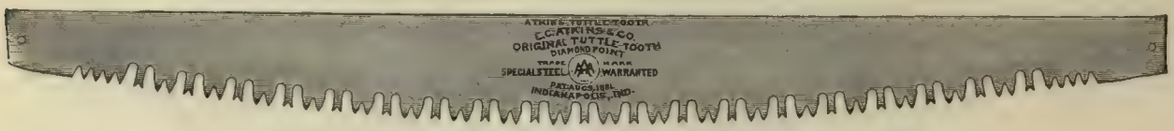
DIAMOND TOOTH

Special Steel, Patent Ground, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	6	6½	7	8	10
Each, without Handle	$4.00	4.40	4.80	5.20	5.60

Open Stock.

THIN BACK, TUTTLE TOOTH



No. 1—Special Steel, Patent Ground, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	6	6½	7	8	10
Each, without Handle	$3.50	3.85	4.20	4.50	4.85

Open Stock.

EXTRA THIN BACK, TUTTLE TOOTH

No. 01—Special Steel, Patent Ground, Extra Thin Back, 14x19 Gauge.

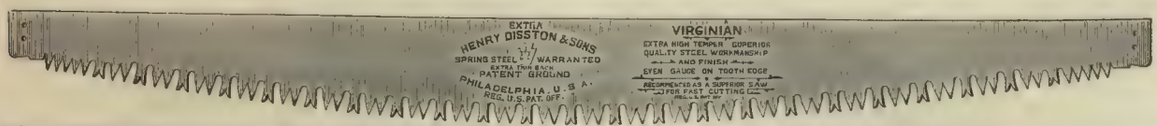
Length, Feet	5	5½	6	6½
Weight Each, Lbs	6	6½	7	8
Each, without Handle	$4.15	4.50	4.85	5.20

Open Stock.

Cross Cut Saws.

H. DISSTON & SONS'

VIRGINIAN

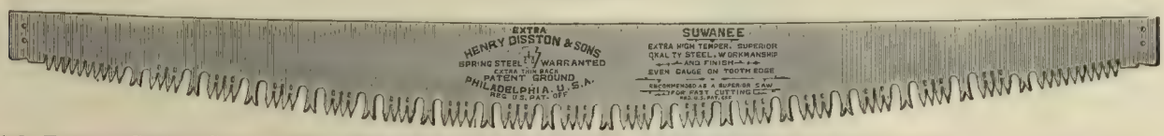


Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge, Recommended as a Superior Saw for Fast Cutting.

Length, Feet	5½	6
Weight Each, About, Lbs	6	7
Each, without Handles	$6.40	7.50

Open Stock.

SUWANEE



Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x20 Gauge, Six Gauges Thinner on Back than on Tooth Edge, Recommended as a Superior Saw for Fast Cutting.

Length, Feet	5½	6
Weight Each, About, Lbs	6	7
Each, without Handles	$6.40	7.50

Open Stock.

ZIP

Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x19 Gauge, Five Gauges Thinner on Back than an Tooth Edge.

Length, Feet	5	5½
Weight Each, About, Lbs	4½	5½
Each, without Handles	$5.60	6.40

Open Stock.

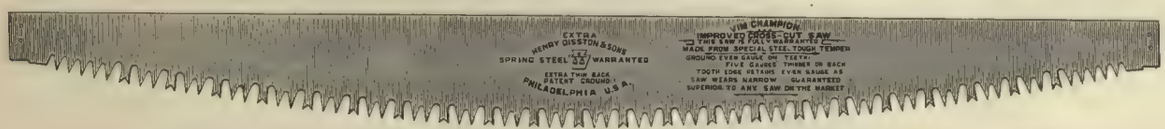
BUZZ

Extra High Temper Spring Steel, Extra Thin Back, Patent Ground, 14x19 Gauge, Five Gauges Thinner on Back than on Tooth Edge, Recommended as a Superior Saw for Fast Cutting.

Length, Feet	5	5½
Weight Each, About, Lbs	4½	5½
Each, without Handles	$5.60	6.40

Open Stock.

VIM, CHAMPION TOOTH

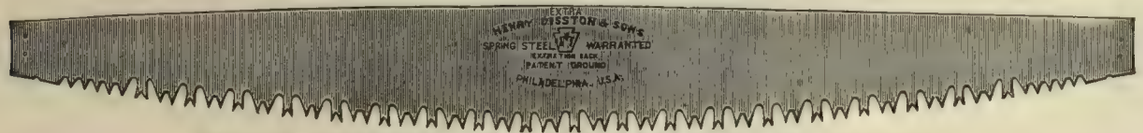


Special High Grade Steel, Taper Ground, Tough Temper, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6
Weight Each, About, Lbs	4½	5½	6½
Each, without Handles	$5.50	6.40	7.45

Open Stock.

EXTRA THIN BACK, CHAMPION TOOTH



No. 1—Extra Spring Steel, Taper Ground, Extra Thin Back, 14x18 Gauge.

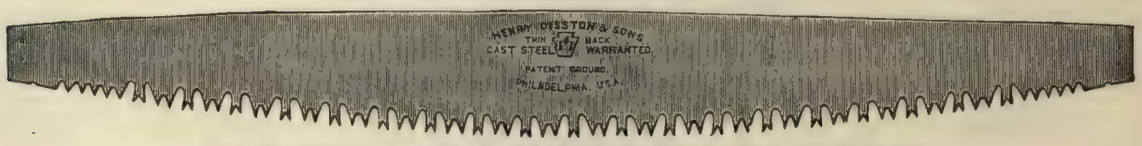
Length, Feet	5	5½	6
Weight Each, About, Lbs	5	6	7
Each, without Handles	$3.60	3.95	4.30

Open Stock.

Cross Cut Saws.

H. DISSTON & SONS'

THIN BACK, CHAMPION TOOTH



No. 2—Extra Spring Steel, Taper Ground, Thin Back, 14x16 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	5½	6½	7
Each, without Handles	$3.30	3.65	4.00

Open Stock.

TUTTLE TOOTH

No. 1—Extra Spring Steel, Taper Ground, Extra Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	5½	6½	7
Each, without Handles	$3.60	3.95	4.35

Open Stock.

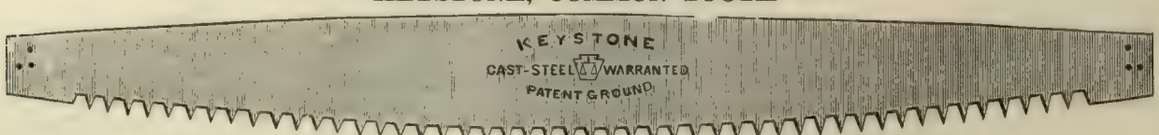
DIAMOND TOOTH

No. 1—Extra Spring Steel, Patent Ground, Thin Back, 14x18 Gauge.

Length, Feet	5	5½	6
Weight Each, Lbs	5½	6½	7
Each, without Handles	$4.15	4.55	4.95

Open Stock.

KEYSTONE, COMMON TOOTH

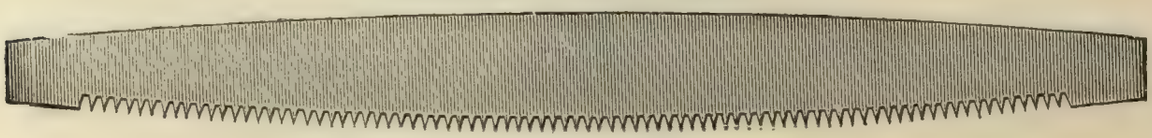


No. 2—Cast Steel, Patent Ground, 14x18 Gauge.

Length, Feet	5	5½	6	6½	7
Weight Each, Lbs	5½	6½	7	7½	8
Each, without Handles	$3.30	3.65	4.00	4.35	4.65

Open Stock.

KEYSTONE, TENON TOOTH



No. 2—Cast Steel, Patent Ground, 14x16 Gauge.

Length, Feet	4	4½	5
Weight Each, Lbs	4	4½	5½
Each, without Handles	$2.65	3.00	3.35

Open Stock.

Cross Cut Saws.

RACER, LANCE TOOTH

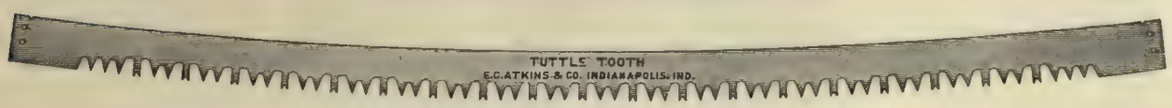
Razor Steel, Secret Temper, Extra Thin Back, 14x19 Gauge.

Length, Feet	5	5½	6	6½
Approx. Weight Each, Lbs.	5	6	6¾	7½
Each, without Handles	$5.55	6.10	6.70	7.25

Open Stock.

Narrow Cross Cut Saws.

E. C. ATKINS & CO.'S
TUTTLE TOOTH, HOLLOW BACK



No. 379—High Grade Special Steel, Patent Ground, 3¼ in. Wide Blade, 14 Gauge.

Length, Feet	5	5½	6
Approx. Weight Each, Lbs.	3½	4	4½
Each, without Handles	$1.73	1.91	2.08

Open Stock.

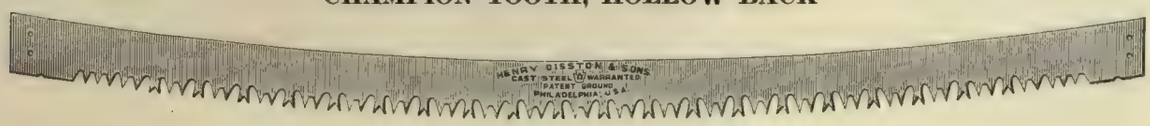
VICTOR, LANCE TOOTH PATTERN, HOLLOW BACK

No. 388—High Grade Special Steel, Patent Ground, 3¾ in. Wide Blade, 14x16 Gauge.

Length, Feet	5	5½	6
Approx. Weight Each, Lbs.	3½	4	4½
Each, without Handles	$2.67	2.93	3.20

Open Stock.

HENRY DISSTON & SONS'
CHAMPION TOOTH, HOLLOW BACK

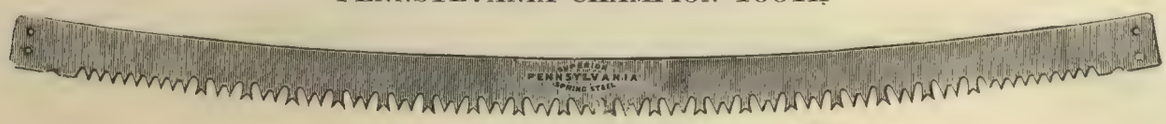


Extra Cast Steel, Patent Ground, 3¼ in. Wide Blade, 14 Gauge.

Length, Feet	5	5½	6	6½
Approx. Weight Each, Lbs.	3½	4	4½	5½
Each, without Handles	$1.80	1.98	2.16	2.34

Open Stock.

PENNSYLVANIA CHAMPION TOOTH



Extra Cast Steel, 3¼ in. Wide Blade, 14 Gauge.

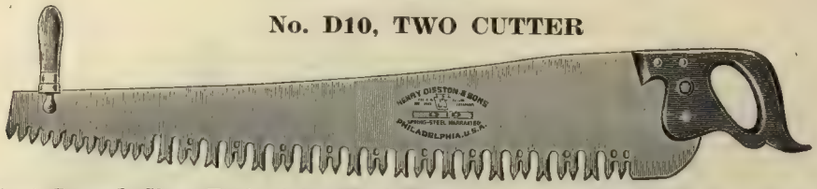
Length, Feet	5	5½	6
Approx. Weight Each, Lbs.	3½	4	4½
Each, without Handles	$1.70	1.85	2.00

Open Stock.

One Man Cross Cut Saws.

HENRY DISSTON & SONS'

No. D10, TWO CUTTER

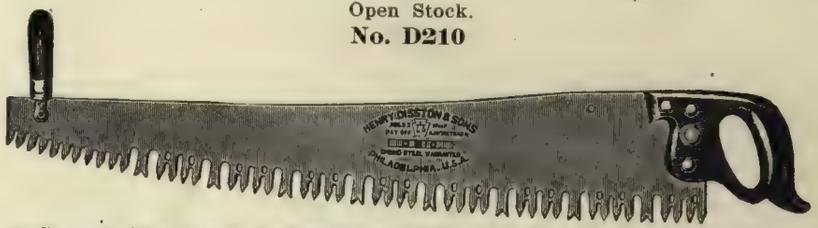


Extra Spring Steel, Patent Ground, Skew Back, 4 in. Blank Butt, Narrower in Width than Regular One Man-Saw, Long and Slim Teeth, Extra Wide Gullets, Special Shaped Rakers with Under Cut for Clearance, Extra Large Grip. Beech Handle, 4 Screws, Supplementary Handle.

Length, Feet	3½	4	4½
Approx. Weight Each, Lbs.	4½	5¼	6
Each, with Handles	$3.80	4.35	4.90

Open Stock.

No. D210



Extra Spring Steel, Patent Ground, Skew Back, Narrower in Width than Regular One Man Saw, Long and Slim Teeth, Extra Wide Gullets, Special Shaped Rakers with Under Cut for Clearance, Extra Large Grip, Beech Handle, 4 Screws, Supplementary Handle.

Length, Feet	3½	4	4½
Approx. Weight Each, Lbs.	4½	5¼	6
Each, with Handles	$3.80	4.35	4.90

Open Stock.

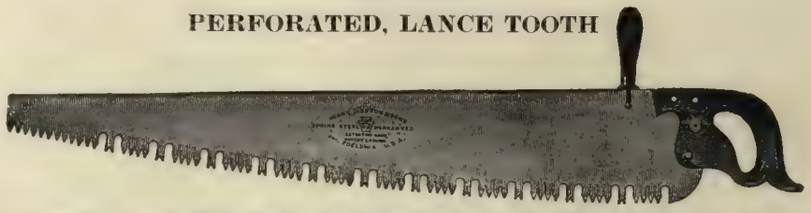
CHAMPION TOOTH

Extra Spring Steel, Patent Ground, Thin Back, Beech Handle, Varnished Edges, Brass Screws, Beech Supplementary Handle.

Length, Feet	3½	4	4½	5
Approx. Weight Each, Lbs.	4½	5¼	6	6½
Each, with Handles	$2.90	3.30	3.90	4.00

Open Stock.

PERFORATED, LANCE TOOTH

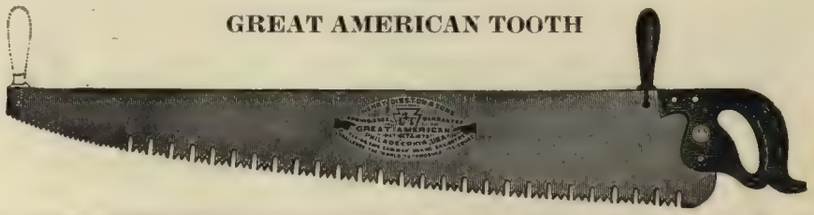


Extra Spring Steel, Patent Ground, Extra Wide Blade, Thin Back, Beech Handle, Varnished Edges, Nickel Plated Screws, Beech Supplementary Handle.

Length, Feet	4
Approx. Weight Each, Lbs.	5½
Each, with Handles	$4.15

Open Stock.

GREAT AMERICAN TOOTH



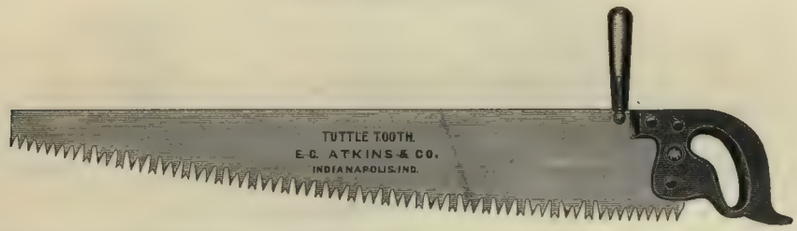
Extra Spring Steel, Patent Ground, Thin Back, Beech Handle. Varnished Edges, Brass Screws, Beech Supplementary Handles.

Length, Feet	3½	4	4½	5
Approx. Weight Each, Lbs.	4½	5¼	6	6¾
Each, with Handles	$3.15	3.60	4.05	4.55

Open Stock.

One Man Cross Cut Saws.

E. C. ATKINS & CO.'S
TUTTLE TOOTH



Special Steel, Beechwood Handle, Varnished Edges, Brass Screws, Beech Supplementary Handle.

Length, Feet	3½	4	4½	5
Weight Each, Lbs.	4	5	6	7
Each, with Handles	$2.50	2.85	3.20	3.55

Open Stock.

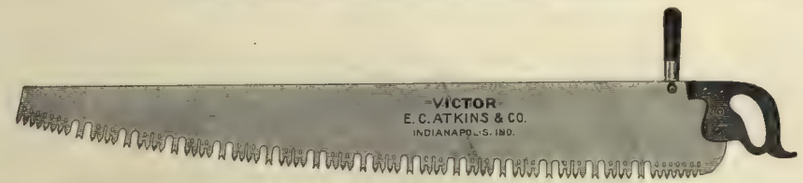
CEDAR KING

Special Crucible Steel, Skew Back, Rex Pattern Teeth, Swaged Raker Teeth, Carved Handle, Varnished Edges, Brass Screws, Hardwood Supplementary Handle.

Length, Feet	3½	4	4½
Weight Each, Lbs.	4	5	6
Each, with Handles	$3.25	3.75	4.20

Open Stock.

PERFORATED, VICTOR TOOTH

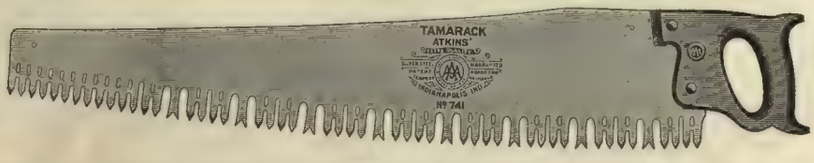


Special Steel, Beechwood Handle, Varnished Edges, Brass Screws, Beech Supplementary Handles.

Length, Feet	4
Weight Each, Lbs.	5
Each, with Handles	$3.60

Open Stock.

TAMARACK, PERFORATED LANCE TOOTH



No. 741—Silver Steel, Skew Back, Beechwood Handle, Polished Edges, 3 Screws, Beech Supplementary Handle.

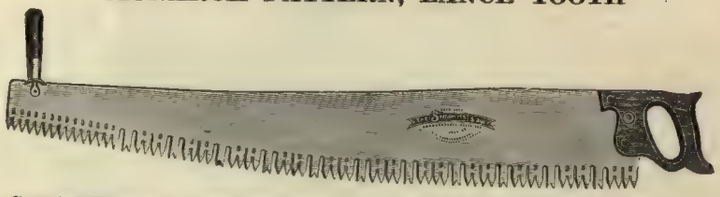
The Handle on this Saw is Extra Large so that a Man with Gloves can Use it.

Length, Feet	4	4½
Weight Each, Lbs.	5	6
Each, with Handles	$5.35	6.00

Open Stock.

One Man Cross Cut Saws.

SIMONDS MFG. CO.'S MONARCH PATTERN, LANCE TOOTH

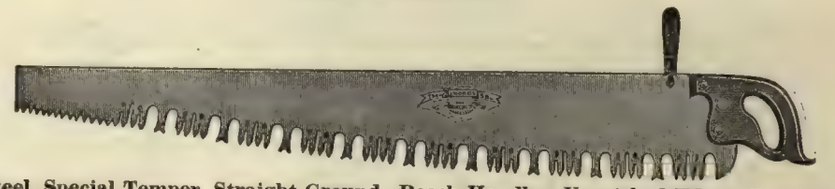


No. 223—Extra Quality Steel, Special Temper, Crescent Ground, Double Horn Handle, with Large Opening, Enabling Operator to Use Mitten or Glove in Winter, Beech Supplementary Handle.

Length, Feet	4
Weight Each, Lbs.	5
Each, without Handles	$5.35

Open Stock.

LANCE TOOTH

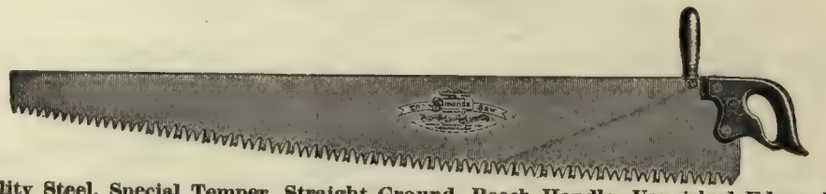


No. 222—Extra Quality Steel, Special Temper, Straight Ground, Beech Handles, Varnished Edges, Beech Supplementary Handles.

Length, Feet	3½	4	4½
Weight Each, Lbs.	4½	5	6
Each, without Handles	$2.80	3.20	3.60

Open Stock.

CHAMPION TOOTH

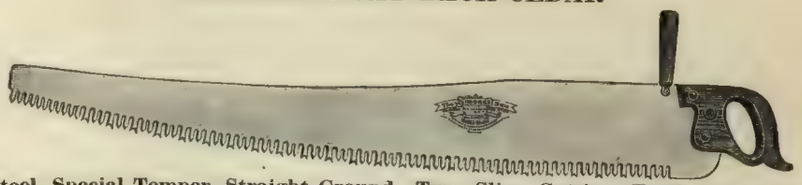


No. 111—Extra Quality Steel, Special Temper, Straight Ground, Beech Handle, Varnished Edges, Beech Supplementary Handles.

Length, Feet	3½	4	4½
Weight Each, Lbs.	4½	5	6
Each, without Handles	$2.50	2.85	3.20

Open Stock.

SPECIAL SWAY BACK CEDAR

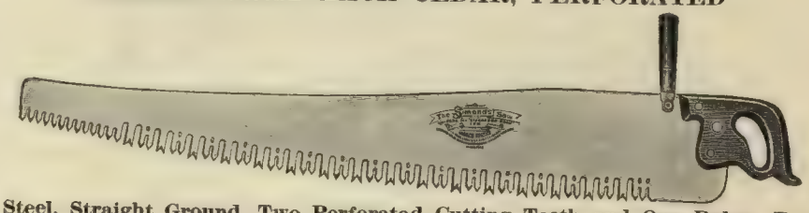


No. 112—Extra Quality Steel, Special Temper, Straight Ground, Two Slim Cutting Teeth and One Raker, Beech Handles, Varnished Edges, Beech Supplementary Handles.

Length, Feet	3½	4
Weight Each, Lbs.	4½	5
Each, without Handles	$2.90	3.30

Open Stock.

SPECIAL SWAY BACK CEDAR, PERFORMATED

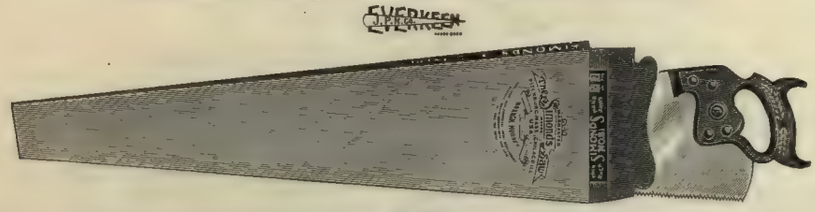


No. 224—Extra Quality Steel, Straight Ground, Two Perforated Cutting Teeth and One Raker, Beech Handle, Pressed Steel Supplementary Handle.

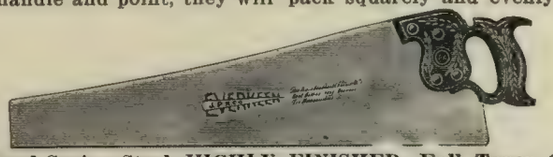
Length, Feet	3½	4
Weight Each, Lbs.	4½	5
Each, without Handles	$3.05	3.50

Open Stock.

Hand, Rip and Panel Saws.



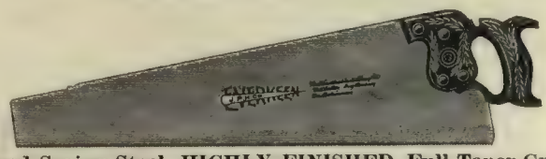
The above illustration shows the Method of Packing Everdureen and **Simonds Hand Saws.** The advantages are that, when a saw is sold, it is ready to hand to a customer without further doing up. The cases are so marked with the size of the saw, number of points to the inch and whether Rip or Hand, that this information shows plainly, no matter how the cases are placed on the shelf. By arranging the saws handle and point, they will pack squarely and evenly on the shelf.



No. E23—Everdureen, Extra Quality, Refined Spring Steel, HIGHLY FINISHED, Full Taper Ground, SKEW BACK, Full Beveled Filed Teeth, HIGHLY POLISHED AND CARVED MAHOGANY HANDLE, Five Nickel Screws; this Saw is a Masterpiece of the Saw Makers' Art.

	Panel		Hand	Rip	
Length, Inches	**20**	**22**	**26**	**26**	**28**
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	20	24	24	27
Per Dozen	**$37.75**	**38.90**	**44.50**	**44.50**	**46.65**

One-twelfth Dozen in a Carton.



No. E24—Everdureen, Extra Quality Refined Spring Steel, HIGHLY FINISHED, Full Taper Ground, STRAIGHT BACK, Full Beveled Filed Teeth, HIGHLY POLISHED AND CARVED MAHOGANY HANDLE, Five Nickel Screws; this Saw is a Masterpiece of the Saw Makers' Art.

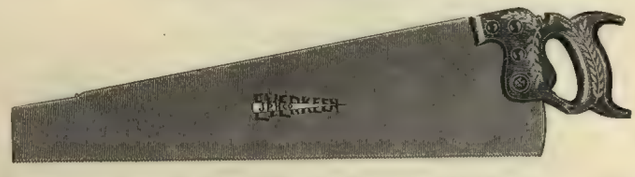
	Panel		Hand	Rip	
Length, Inches	**20**	**22**	**26**	**26**	**28**
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	20	24	24	27
Per Dozen	**$37.75**	**38.90**	**44.50**	**44.50**	**46.65**

One-twelfth Dozen in a Carton.

No. E25—Everdureen, Extra Quality Spring Steel, Skew Back, Warranted, CARVED APPLEWOOD HANDLE, 4 GAUGE TAPER, EXTRA HIGH POLISH, Four Improved Brass Screws.

	Panel			Hand	Rip	
Length, Inches	**18**	**20**	**22**	**26**	**26**	**28**
Points to the Inch	9, 10, 11	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Ap. Weight Per Dozen, Lbs.	14	16	20	24	24	27
Per Dozen	**$22.25**	**23.35**	**24.45**	**29.00**	**29.00**	**33.50**

One-twelfth Dozen in a Carton.



No. E26—Everdureen, Extra Quality Spring Steel, Straight Back, Warranted, CARVED APPLEWOOD HANDLE, 4 GAUGE TAPER, EXTRA HIGH POLISH, Four Improved Brass Screws.

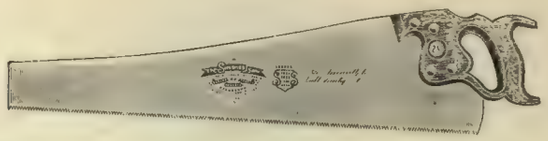
	Panel		Hand	Rip	
Length, Inches	**20**	**22**	**26**	**26**	**28**
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4, 4½, 5, 5½	4, 4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	20	24	24	27
Per Dozen	**$23.35**	**24.45**	**29.00**	**29.00**	**33.50**

One-twelfth Dozen in a Carton.

Hand, Rip and Panel Saws.

SIMONDS MFG. CO.'S

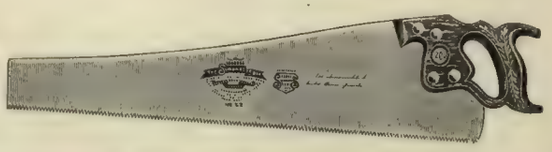
BLUE RIBBON



No. 62—Special Crucible Steel, Skew Back, Accurately Ground and Tapered, Extra High Gloss Finish Blade, Warranted, Carved Applewood Handle, Finely Polished on Sides and Edges, Five Improved Screws.

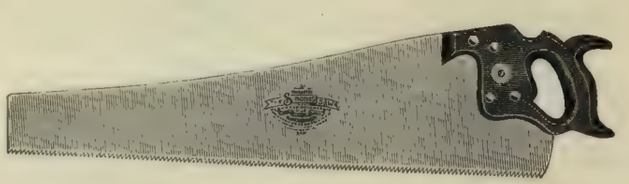
	Panel	Hand	Rip	
Length, Inches	**22**	**26**	**26**	**28**
Points to the Inch	9, 10, 11	8, 9, 10, 11, 12	5, 5½	5, 5½
Approx. Weight Per Dozen, Lbs.	20	24	24	27
Per Dozen	**$36.70**	**46.70**	**46.70**	**54.40**

BLUE RIBBON



No. 72—Special Crucible Steel, Skew Back, Accurately Ground and Tapered, Highly Finished, Warranted, Carved Applewood Handle, Polished Sides and Edges, Five Improved Screws.

	Panel	Hand	Rip	
Length, Inches	**22**	**26**	**26**	**28**
Points to the Inch	9, 10, 11	8, 9, 10, 11, 12	5, 5½	5, 5½
Approx. Weight Per Dozen, Lbs.	20	24	24	27
Per Dozen	**$33.35**	**37.75**	**37.75**	**46.70**



No. 8—Special Crucible Steel, Skew Back, Simonds' Patent Ground, Warranted, Applewood Handle, Polished Edges, Five Improved Screws.

	Panel					Hand	Rip	
Length, Inches	**16**	**18**	**20**	**22**	**24**	**26**	**26**	**28**
Points to the Inch	8 to 12	8 to 12	8 to 12	8 to 12	8 to 12	6, 7, 8, 9, 10, 11, 12	4, 4½, 5, 5½, 6	4, 4½, 5, 5½, 6
Ap. Wt. Per Dozen, Lbs.	14	16	18	20	22	24	24	27
Per Dozen	**$21.75**	**24.00**	**26.20**	**29.20**	**31.50**	**33.00**	**33.00**	**37.50**

No. 9—Special Crucible Steel, Skew Back, Narrow Width, Simonds' Patent Ground, Warranted, Carved Applewood Handle, Polished Edges, Five Screws.

	Panel	Hand	Rip
Length, Inches	**22**	**26**	**26**
Points to the Inch	10, 11, 12	8, 9, 10, 11	5, 5½
Ap. Wt. Per Dozen, Lbs.	20	24	24
Per Dozen	**$30.00**	**34.50**	**34.50**

No. 10½—Special Crucible Steel, Skew Back, Simonds' Patent Ground, Warranted, Carved and Polished Beech Handle, Four Improved Screws.

	Panel	Hand	Rip
Length, Inches	**22**	**26**	**26**
Points to the Inch	8 to 12	7, 8, 9, 10, 11	4, 4½, 5, 5½, 6
Ap. Wt. Doz., Lbs.	20	24	24
Per Dozen	**$25.20**	**28.00**	**28.00**

All Above, One-twelfth Dozen in a Carton.

See Style of Packing on Page 70.

Hand, Rip and Panel Saws.

HENRY DISSTON & SONS'

No. D115—Crucible Steel, Skew Back, Exceptionally High Finish Blade, Warranted, Carved and Polished Genuine Rosewood Handle, Five Nickel Plated Screws.

	Panel				Hand	Rip
Length, Inches	18	20	22	24	26	28
Points to the Inch	9, 10, 11, 12	9, 10, 11, 12	9, 10, 11, 12	9, 10, 11, 12	6, 7, 8, 9, 10, 11, 12	4½, 5, 5½, 6
Ap. Wt. Per Dozen, Lbs.	14	16	20	22	24	27
Per Dozen	$43.20	46.80	49.95	53.10	56.20	62.40

No. 120—ACME, Extra London Spring Steel, Skew Back, Patent Ground, Selected and Highly Polished Blade, Warranted, Carved and Polished Applewood Handle, Five Brass Screws.

	Panel				Hand	Rip
Length, Inches	18	20	22	24	26	28
Points to the Inch	9, 10, 11, 12	9, 10, 11, 12	9, 10, 11, 12	9, 10, 11, 12	6, 7, 8, 9, 10, 11, 12	4½, 5, 5½, 6
Ap. Wt. Per Dozen, Lbs.	14	16	20	22	24	27
Per Dozen	$37.40	40.50	45.25	48.40	50.00	56.25

No. 12—Extra Refined London Spring Steel, Patent Ground, Selected and Highly Polished Blade, Warranted, Carved and Polished Applewood Handle, Four Brass Screws.

	Panel					Hand	Rip
Length, Inches	16	18	20	22	24	26	28
Points to the Inch	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10,11,12	4½,5,5½,6
Ap. Wt. Per Dozen, Lbs.	14	16	18	20	22	24	27
Per Dozen	$29.25	32.40	35.90	39.00	42.15	45.25	51.50

No. D100—Refined Crucible Steel, Skew Back, Patent Ground, Highly Polished Blade, Warranted, Carved and Polished Applewood Handle, Five Brass Screws.

	Panel				Hand	Rip	
Length, Inches	18	20	22	24	26	26	28
Points to the Inch	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9	4½,5,5½	4½,5,5½
Approx. Weight Per Dozen, Lbs.	16	18	20	22	24	24	27
Per Dozen	$28.50	31.20	34.35	36.70	39.00	39.00	43.70

No. D8—Refined Crucible Steel, Skew Back, Patent Ground, Warranted, Applewood Handle, Full Polished, Five Brass Screws.

	Panel					Hand	Rip	
Length, Inches	16	18	20	22	24	26	26	28
Points to the Inch	8 to 12	8 to 12	8 to 12	8 to12	8 to 12	5,6,7,8,9,10,11,12	4,4½,5,5½,6	4,4½,5,5½,6
Ap. Weight Per Dozen, Lbs.	14	16	18	20	22	24	24	27
Per Dozen	$23.00	25.40	28.10	31.20	33.60	35.10	35.10	39.80

All Above, One-third Dozen in a Box.

Hand, Rip and Panel Saws.

HENRY DISSTON & SONS'

No. 7—Crucible Cast Steel, Grained Blade, Patent Ground, Warranted, Beech Handle, Full Polished, Four Brass Screws.

	Panel					Hand	Rip	
Length, Inches	16	18	20	22	24	26	26	28
Points to the Inch	8 to 12	8 to 12	8 to 12	8 to12	8 to 12	5,6,7,8,9,10,11,12	4,4½,5,5½,6	4,4½,5,5½,6
Ap. Weight Per Dozen, Lbs.	14	16	18	20	22	24	24	27
Per Dozen	$18.75	20.20	23.10	26.00	27.40	28.80	28.80	33.85

No. D20—Refined Crucible Steel, Highly Polished Blade, Skew Back, Warranted, Carved and Polished Applewood Handle, Five Improved Screws.

	Panel	Hand	Rip
Length, Inches	22	26	26
Points to the Inch	10, 11, 12	9, 10, 11, 12	5, 5½
Approx. Weight Per Dozen, Lbs.	20	24	24
Per Dozen	$34.35	39.00	39.00

One-third Dozen in a Box.

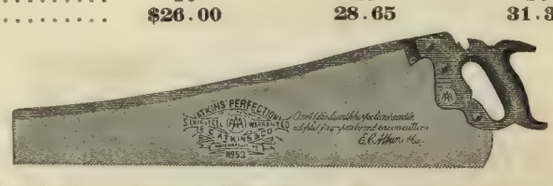
E. C. ATKINS & CO.'S

No. 400—ELITE, Silver Steel, Mirror Finish, Skew Back, Rose wood Handle, Perfection Pattern, Polished, Four Silver Plated Screws.

	Panel	Hand	Rip	
Length, Inches	22	26	26	28
Points to the Inch	9, 10, 11	8, 9, 10, 11, 12	5, 5½	5, 5½
Approx. Weight Per Dozen, Lbs.	20	24	24	27
Per Dozen	$56.00	64.00	64.00	73.35

No. 68—REX, Silver Steel, Mirror Finish, Skew Back, Perfection Carved Applewood Handle, Polished Edge, Four Improved Screws.

	Panel			Hand	Rip
Length, Inches	18	20	22	26	26
Points to the Inch	9, 10, 11	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4½, 5, 5½, 6
Approx. Weight Per Dozen, Lbs.	16	18	20	24	24
Per Dozen	$26.00	28.65	31.35	36.70	36.70



No. 53—PERFECTION, Silver Steel, Damaskeened, Skew Back, Warranted, Carved Applewood Handle, Polished, Four Improved Brass Screws.

	Panel		Hand	Rip	
Length, Inches	20	22	26	26	28
Points to the Inch	9, 10, 11	9, 10, 11	6, 7, 8, 9, 10	4½, 5, 5½, 6	4½, 5, 5½, 6
Approx. Weight Per Dozen, Lbs.	18	20	24	24	27
Per Dozen	$27.35	30.00	34.00	34.00	38.35

One-third Dozen in a Box.

Hand, Rip and Panel Saws.

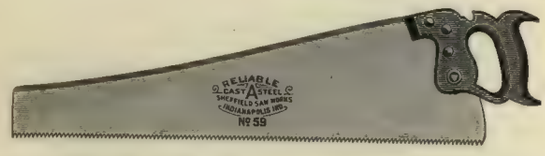
E. C. ATKINS & CO.'S

No. 65—PERFECTION, Silver Steel, Damaskeened, Straight Back, Warranted, Carved Applewood Handle, Polished, Four Improved Brass Screws.

	Hand	Rip
Length, Inches	26	28
Points to the Inch	6, 7, 8, 9, 10	4½, 5, 5½, 6
Approx. Weight Per Dozen, Lbs.	24	27
Per Dozen	$32.70	38.35

No. 70—Special Steel, Skew Back, Highly Finished Blade, Warranted, Applewood Handle, Polished Edge, Four Improved Brass Screws.

	Panel	Hand	Rip	
Length, Inches	22	26	26	28
Points to the Inch	9, 10, 11	6, 7, 8, 9, 10	4½, 5, 5½, 6	4½, 5, 5½, 6
Approx. Weight Per Dozen, Lbs.	20	24	24	27
Per Dozen	$24.00	28.00	28.00	33.35



No. 59—RELIABLE, Cast Steel, Skew Back, Warranted, Beech Handle, Polished Edge, Four Improved Screws.

	Panel	Hand	Rip
Length, Inches	22	26	28
Points to the Inch	9, 10, 11	6, 7, 8, 9, 10	4½, 5, 5½, 6
Approx. Weight Per Dozen, Lbs.	20	24	27
Per Dozen	$16.40	18.70	21.35

No. 29—ATKINS' SHEFFIELD, Cast Steel, Skew Back, Warranted, Carved Handle, Polished, Four Screws.

	Panel	Hand	Rip
Length, Inches	22	26	28
Points to the Inch	9, 10, 11	7, 8	5, 5½
Approx. Weight Per Dozen, Lbs.	20	24	27
Per Dozen	$15.00	16.10	18.35

One-third Dozen in a Box.

BANNER

No. 60—BANNER, Special Fine Steel, Skew Back, Warranted, Beech Handle, Polished Edge, Four Improved Brass Screws.

	Panel				Hand	Rip	
Length, Inches	16	18	20	22	26	26	28
Points to the Inch	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	5,6,7,8,9,10	5, 5½	4,4½,5,5½,6
Approx. Weight Per Dozen, Lbs.	14	16	18	20	24	24	27
Per Dozen	$13.35	14.45	15.55	16.65	20.00	20.00	22.25

One-third Dozen in a Box.

Hand, Rip and Panel Saws.

SUPERIOR

No. 1120—SUPERIOR, High Grade Cast Steel, Polished Blade, Full Skew Back, Even Temper, Hand Bevel Filed and Set, Polished and Carved Dark Hardwood Handle, Four Nickel Screws.

	Panel				Hand	Rip
Length, Inches	16	18	20	22	26	28
Points to the Inch	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	8,9,10,11,12	6,7,8,9,10	4,4½,5,5½
Ap. Weight Per Dozen, Lbs.	14	16	18	20	24	27
Per Dozen	$14.50	15.60	16.70	17.80	22.25	24.50

One-third Dozen in a Box.

YOUNG AMERICA

No. 90—YOUNG AMERICA, Cast Steel, Skew Back, Beech Handle, Polished Edge, Four Oval Brass Screws, Well Finished, Set and Sharpened.

	Panel			Hand	Rip
Length, Inches	18	20	22	26	28
Points to the Inch	9, 10, 11	9, 10, 11	9, 10, 11	6, 7, 8	4½, 5, 5½
Approx. Weight Per Dozen, Lbs.	16	18	20	24	27
Per Dozen	$11.10	11.65	12.25	14.50	15.60

CLIPPER

No. 75—CLIPPER, Cast Steel, Walnut Handle, Polished Edge, Four Oval Brass Screws, Steel Plate, Set and Sharpened.

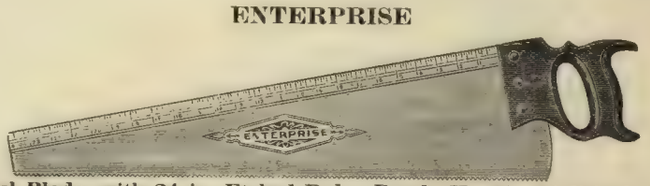
	Hand
Length, Inches	26
Points to the Inch	6, 7, 8
Approx. Weight Per Dozen, Lbs.	24
Per Dozen	$13.90

BADGER STATE

No. 80—BADGER STATE, Cast Steel, Beech Handle, Polished Edge, Three Oval Brass Screws, Well Finished, Set and Sharpened.

	Panel			Hand
Length, Inches	16	18	20	26
Points to the Inch	8, 9, 10	8, 9, 10	8, 9, 10	6, 7, 8
Approx. Weight Per Dozen, Lbs.	14	16	18	24
Per Dozen	$7.35	7.80	8.25	9.60

ENTERPRISE



No. 85—ENTERPRISE, Cast Steel Blade, with 24 in. Etched Rule, Beech Handle, Polished Edge, Three Brass Screws, Set and Sharpened.

	Panel	Hand
Length, Inches	20	26
Points to the Inch	7, 8, 9,10	6, 7, 8
Approx. Weight Per Dozen, Lbs.	18	24
Per Dozen	$9.50	11.65

One-half Dozen in a Box.

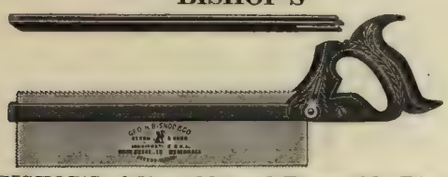
Back Saws.

No. E98—EVERKEEN, Crucible Steel Blade, Beech Handle, Polished Edges, Blued Back, Set and Hand Filed Ready for Use, Warranted.

Length, Inches	10	12	14	16
Ap. Wt. Per Dozen, Lbs.	14	16	20	26
Per Dozen	$21.55	24.50	27.75	30.75

One-third Dozen in a Box.

BISHOP'S



No. 10—BISHOP'S, Adjustable and Reversible Rip and Back, Extra Cast Steel Blade, Slotted Back, Carved Applewood Handle, Polished Nickel Plated Screw and Lever, Set and Hand Filed Ready for Use.

Length, Inches	10	12	14	16
Ap. Wt. Per Dozen, Lbs.	16	18	22	26
Per Dozen	$23.80	26.60	29.40	32.20

One-third Dozen in a Box.

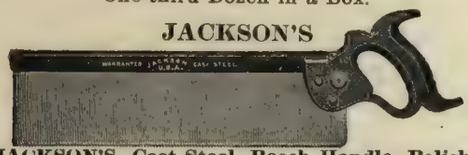
DISSTON'S

No. 4—DISSTON'S, Crucible Steel, Apple Handle, Polished Edge, Blued Back.

Length, Inches	10	12	14	16	18
Ap. Wt. Per Dozen, Lbs.	12	16	21	24	27
Per Dozen	$21.85	25.00	28.10	31.20	34.35

One-third Dozen in a Box.

JACKSON'S



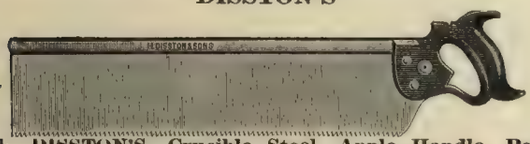
No. 1—JACKSON'S, Cast Steel, Beech Handle, Polished Edge, Blued Back.

Length, Inches	10	12	14	16
Ap. Wt. Per Dozen, Lbs.	12	16	20	24
Per Dozen	$15.60	18.75	21.85	25.00

One-third Dozen in a Box.

Mitre Box Saws.

DISSTON'S

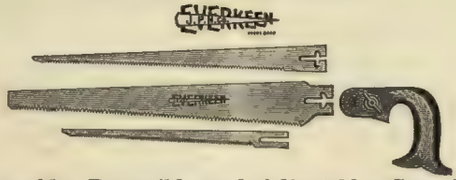


No. 4—DISSTON'S, Crucible Steel, Apple Handle, Polished Edges, Steel Back, 4 in. Under Back.

Length, Inches	20	22	24	26
Ap. Wt. Per Dozen, Lbs.	34	38	42	51
Per Dozen	$37.45	40.60	43.70	46.80

One-third Dozen in a Box.

Nested Saws.



Interchangeable, Reversible and Adjustable, Carved Handle, Nickel Plated Trimmings. Per Dozen Nests

No. E14—EVERKEEN, Combining One Each Keyhole, Compass and Pruning Blade with Patented Handle $20.00

Weight Per Dozen About 9½ Pounds.
One-quarter Dozen Nests in a Box.

EXTRA PARTS Per Dozen

Handle and Screw Complete, Weight Per Dozen About 3½ Lbs. $4.75
Keyhole Blade, 10 in. Long, Weight Per Dozen About 1¼ Lbs. 3.10
Compass Blade, 14 in. Long, Weight Per Dozen About 2 Lbs. 4.90
Pruning Blade, 18 in. Long, Weight Per Dozen About 2½ Lbs. 7.30

ATKIN'S

Silver Steel Blade, Carved Adjustable Handle. Per Dozen Nests

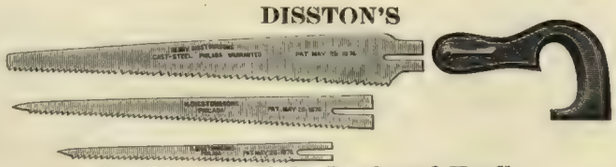
No. 03—Atkin's, Combining One Each Keyhole, Compass and Metal Cutting Saw, with Handle and Screw $24.00

Weight Per Dozen About 10 Pounds.
One-quarter Dozen Nests in a Box.

EXTRA PARTS Per Dozen

Handle and Screws, Weight Per Dozen About 4 Lbs. $ 4.20
Keyhole Blade, 12 in. Long, Weight Per Dozen About 1½ Lbs. 2.40
Compass Blade, 14 in. Long, Weight Per Dozen About 2 Lbs. 3.60
Metal Cutting Blades, 18 in. Long, Weight Per Dozen About 2½ Lbs. 13.80

DISSTON'S



Crucible Steel Blade, Beechwood Handle. Per Dozen Nests

No. 3—Disston's, Combining One Each Keyhole, Compass and Table or Pruning Saw Blade, with Handle and Tightener $18.75

Weight Per Dozen About 9½ Pounds.
One-quarter Dozen Nests in a Box.

EXTRA PARTS Per Dozen

Handle and Tightener, Weight Per Dozen About 3½ Lbs. $2.75
Keyhole Blade, 10 in. Long, Weight Per Dozen About 1¼ Lbs. 3.15
Compass Blade, 14 in. Long, Weight Per Dozen About 2 Lbs. 4.70
Pruning Blade, 16 in. Long, Weight Per Dozen About 2½ Lbs. 8.60

Key Hole Saws and Pads.

LADD'S

Steel Blade, Nickeled Handle. Per Dozen

No. 17—7 in. Blade, Weight Per Dozen About 2½ Lbs. $4.45

One Dozen in a Box.

DISSTON'S

Japanned Malleable Iron Handle. Per Dozen

No. 5—7 in. Blade, Weight Per Dozen About 2½ Lbs. $3.15

One Dozen in a Box.

DISSTON'S

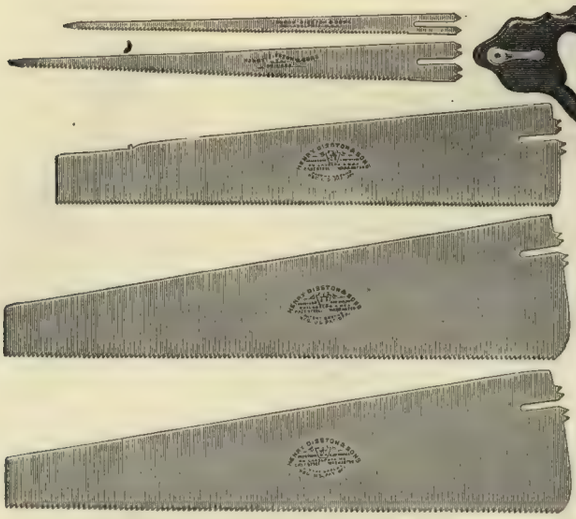
Ground Thin Back Blade, Round Hardwood Handle, Nickel Plated Thumb Screw and Ferrule. Per Dozen

No. 95—10 in. Blade, Weight Per Dozen About 4 Lbs. $6.25

One-half Dozen in a Box.

Hand Saw Kit.

DISSTON'S



Canvas Case.

High Quality Crucible Steel Blades, Carefully Ground and Polished, Carved and Polished Hardwood Handle, Adjustable and Interchangeable. Per Set

No. 102—Consists of One Each Keyhole, Compass, Plumbers' Cross Cut and Rip Saw Blade with Adjustable Handle, Put up in Canvas Case Having Strong Leather Bound Edges and Separate Compartment for Each Blade and Special Pocket for Handle **$6.25**

Weight Per Set About 4 Pounds.
One Set in a Carton.

EXTRA PARTS

	Per Dozen		Per Dozen
Keyhole Blade, 12 in...	$ 3.50	Cross Cut Blade, 20 in., 10 Points	$17.20
Compass Blade, 14 in..	4.30	Rip Saw Blade, 20 in., 7 Points	17.20
Plumbers' Blade, 18 in.	17.20	Adjustable Handle	7.00

The Blades are fastened in the Handle by a special lever device. It is arranged to take in Blades of various thicknesses; the Pin in Bolt-Head being moved forward or backward as may be required.

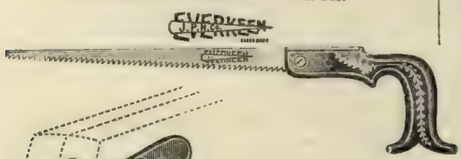
Compass Saws.

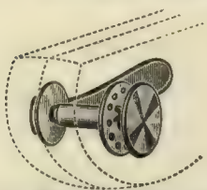
DISSTON'S

No. E3—EVERDUREN, Extra Quality Steel Blade, Carved and Polished Beech Handle.

Length, Inches...	10	12	14
Ap. Wt. Doz., Lbs.	6	6½	7
Per Dozen.....	$6.65	6.90	7.25

One-half Dozen in a Box.





No. E9—EVERDUREN, ADJUSTABLE, Cast Steel Blade, Carved and Polished Applewood Handle with Adjusting Lever.

Length, Inches.....	10	12
Ap. Wt. Dozen, Lbs.	6	6½
Per Dozen.....	$8.35	9.15
Length, Inches.....	14	16
Ap. Wt. Dozen, Lbs.	7	8
Per Dozen.....	$10.00	10.85

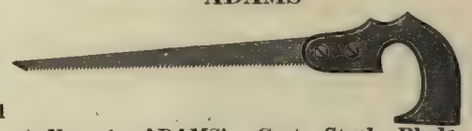
One-half Dozen in a Box.

No. 2—DISSTON'S, Crucible Steel Blade, Applewood Handle, Brass Screws.

Length, Inches.....	10	12
Ap. Wt. Dozen, Lbs.	6	6½
Per Dozen.....	$6.65	7.10
Length, Inches.....	14	16
Ap. Wt. Dozen, Lbs.	7	7½
Per Dozen.....	$7.40	7.80

One-half Dozen in a Box.

ADAMS'



No. 1—ADAMS', Cast Steel Blade, Beech Handle, Polished Edges.

Length, Inches...	10	12	14
Ap. Wt. Doz., Lbs.	6	6½	7
Per Dozen.....	$3.75	4.00	4.25

One-half Dozen in a Box.

BISHOP'S

No. 20—BISHOP'S, ADJUSTABLE, Extra Cast Steel Blade, Carved Applewood Handle, Nickel Plated Screw and Lever.

Length, Inches...	10	12	14
Ap. Wt. Doz., Lbs.	6	6½	7
Per Dozen.....	$7.35	8.00	8.70

Per Dozen
Extra Blades—12 in. Long.....$4.45

One-half Dozen in a Box.

INTERCHANGEABLE

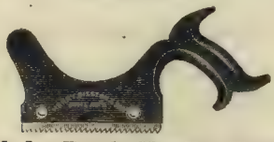
DISSTON'S, Cast Steel Blade, Beech Handle.

Nos.	6	7
Length, Inches.....	12	14
Ap. Wt. Dozen, Lbs.	5½	6
Per Dozen.....	$7.80	8.60

One-half Dozen in a Box.

Stair Builders' Saws.

DISSTON'S



Cast Steel Blade, Beech Handle, Varnished Edges.

Per Dozen

No. 13—Disston's, 6x1⅝ in. Blade, 20 Gauge, 8 Points.$7.45

Weight Per Dozen 9 Pounds.
One-half Dozen in a Box.

Dovetail Saws.

DISSTON'S

Extra Quality Spring Steel Blade, 1½ in. Under Back, 26 Gauge, 17 Points, Polished Handle, Steel Back, Brass Plated.

Length, Inches	8	10
Approx. Weight Per Dozen, Lbs.	6	7
Per Dozen	$11.10	13.65

One-sixth Dozen in a Box.

Plumbers' Saws.

DISSTON'S

Warranted Cast Steel Blade, Carved and Polished Cherry Handle, Adjustable.

Per Dozen

No. 10—20 in. Blade, Weight Per Dozen About 12½ Lbs. **$27.00**

These Saws made particularly for use on work encountered by Plumbers and Carpenters in making repairs where it is necessary to cut through joists, rafters, flooring, etc., in which nails may be embedded.

One-third Dozen in a Box.

ATKINS'

High Grade Steel Blade, Tempered Very Stiff, Tough and Hard, but not Brittle, Seasoned Hardwood Handle, Varnished, Three Brass Screws and Medallion.

Per Dozen

No. 40—20 in. Blade, Weight Per Dozen About 15 Lbs. **$13.35**

One-third Dozen in a Box.

"Hand" Hack Saw.

DISSTON'S

Special High Tempered Steel, Hollow Ground, Wood Handle.

Per Dozen

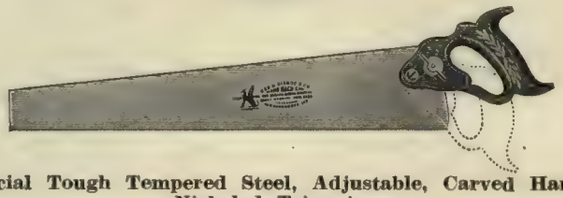
No. 325—24 in. Blade, 12 Points to the Inch, Weight Per Dozen About 22 Lbs. **$42.25**

This Saw is made specially high in temper for cutting metal and is hollow ground for clearance. Made 12 Point for cutting iron and steel.

One-third Dozen in a Box.

Handy Handle Hack Saws.

BISHOP'S



Special Tough Tempered Steel, Adjustable, Carved Handle, Nickeled Trimmings.

Per Dozen

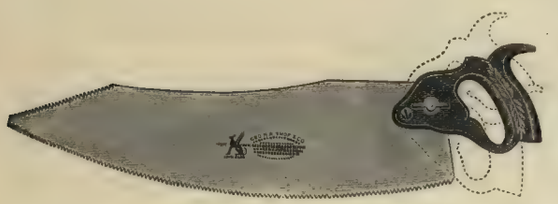
No. 300—20 in. Blade, Weight Per Dozen About 16 Lbs. **$26.65**

For sawing metal, nails, etc., as well as wood. This Hand Hack Saw will prove most useful of all tools in remodeling office and buildings where nails are numerous and ruinous to all tools not adapted to cutting them.

One-third Dozen in a Box.

Flooring Saws.

BISHOP'S



Extra Quality Steel Blade, Adjustable Carved Handle, Nickeled Trimmings.

Per Dozen

No. 15—18 in. Blade, 11 Points to the Inch, Weight Per Dozen About 20 Lbs. **$21.90**

For sawing openings in floorings, sidings, partitions, sheetings, plumbers' use and many other such uses where the usual saw cannot be operated. The Curvature Cutting Edge with Patent Adjustable Handle allows full advantage for long or short stroke. The back toothed cutting edge enables sawing close to wall, square the cut and corners.

One-twelfth Dozen in a Box.

Hack Saw Frames.

STAR

1x¼ in. Stiff Heavy Steel Frame, Polished and Nickeled, Wood Handle, May be Faced in Four Directions.

Per Dozen

No. 15—For 12 in. Blades Only, 5¼ in. Deep Under Back, Weight Per Dozen About 30 Lbs., **Complete with One 12 in. Blade** **$25.50**

One-twelfth Dozen in a Box.

1x¼ in. Heavy Steel Stock, Polished and Nickeled, Beech Wood Handle, May be Faced in Four Directions.

Per Dozen

No. 14—For 12 in. Blades Only, 10¼ in. Deep Under Back, Weight Per Dozen About 48 Lbs., **Complete with One 12 in. Blade** **$30.60**

Especially adapted for sawing steel rails, girders and other large work.

One-twelfth Dozen in a Box.

Hack Saw Frames.

No. 30—Japanned Iron Frame, Reversible Enameled Wood Handle.

Without Blade.

For Blade, Inches...	8	9
Ap. Wt. Dozen, Lbs.	9	10
Per Dozen	$3.90	4.45

One-half Dozen in a Box.

KEYSTONE

No. 12—Solid Oval Back, Japanned Malleable Iron Frame, Hardwood Handle.

Without Blade.

For Blade, Inches...	8	10	12
Ap. Wt. Dozen, Lbs.	14	17	20
Per Dozen.....	$8.35	9.30	9.90

One-half Dozen in a Box.

ROBINSON'S

No. 20—Nickel Plated Steel Frame, Ebonized Handle.

Without Blade.

For Blade, Inches.....	8
Ap. Wt. Per Dozen, Lbs.....	14
Per Dozen	$10.00

One-half Dozen in a Box.

UNIVERSAL EASY GRIP EXTENSION

Solid Steel Frame, 3⅛ in. High, ¾ x $\frac{3}{16}$ in. Steel, Full Nickel Plated, Small Parts Case Hardened, Gun Butt Finish Checkered Handles, **without Blade.**

Per Dozen

No. 131—Adjustable for 8 to 12 in. Blades, Weight Per Dozen About 24 Lbs.....**$26.65**

One-twelfth Dozen in a Box.

EVERLASTING EXTENSION

Steel Frame, Full Polished and Nickel Plated, Polished Hardwood Handle, **without Blade.**

Per Dozen

No. E66—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 18 Lbs.....**$20.00**

One-twelfth Dozen in a Box.

DIKEMAN EXTENSION

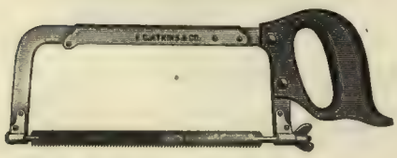
Steel Frame, Full Polished and Nickel Plated, Black Enameled Hardwood Handle, **without Blade.**

Per Dozen

No. 61—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 16 Lbs.....**$13.35**

One-twelfth Dozen in a Box.

ATKINS' EXTENSION



Extra High Grade Steel Frame, 4½ in. High, ¾ in. Wide, $\frac{1}{16}$ in.. Thick, Heavily Nickel Plated and Buffed, Easy Grip Wood Handle, Will Face in Four Directions, without Blade.

Per Dozen

No. 4—Adjustable for Blade 8 to 12 in., Weight Per Dozen About 18 Lbs.....**$18.65**

One-twelfth Dozen in a Box.

UNION EXTENSION

Best Cold Drawn Steel Frame, ¾ in. Wide, Full Polished and Nickel Plated, Black Rubber Finish Handle, without Blade.

Per Dozen

No. 10—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 14 Lbs.....**$13.35**

One-twelfth Dozen in a Box.

UNION EXTENSION

Best Cold Drawn Steel Frame, ¾ in. Wide, Full Polished and Nickel Plated, Plane Handle, Will Face in Four Directions, **without Blade.**

Per Dozen

No. 11—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 16 Lbs.....**$16.45**

One-twelfth Dozen in a Box.

SIMONDS' EXTENSION

Extra Heavy Steel Back, Nickel Plated, New Style Handle, Will Face in Four Directions, **without Blade.**

Per Dozen

No. 41—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 18 Lbs.....**$23.35**

One-twelfth Dozen in a Box.

STAR EXTENSION

Strong Stiff Steel Frame, $\frac{5}{16}$x$\frac{13}{16}$ in., Polished and Nickel Plated, Tropical Wood Handle, Will Face in Four Directions, **with One 12 in. Blade.**

Per Dozen

No. 7—Adjustable for Blades 6 to 12 in., Weight Per Dozen About 18 Lbs.....**$20.40**

One-twelfth Dozen in a Box.

STAR PISTOL GRIP EXTENSION

Compact and Stiff Steel Frame, $\frac{5}{16}$x$\frac{11}{16}$ in., Polished and Nickel Plated, Pistol Grip Black Composition Handle, Will Face in Four Directions, **with One 10 in. Blade.**

Per Dozen

No. 1027—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 17¾ Lbs....**$20.00**

One-twelfth Dozen in a Box.

Butchers' Saws.

No. E7—Flat Solid Steel Back, 1x¼ in., Cast Steel Bright Blade, ¾ in. Wide, Beechwood Handle.

Length, Inches.....	18	20	22	24	26
Ap. Wt. Doz., Lbs.	28	33	36	38	40
Per Dozen.....	$22.70	24.00	25.35	26.70	28.00

One-third Dozen in a Box.

H. DISSTON & SONS'

No. 1—Oval Solid Steel Back, ¾x⅜ in., Solid Forged Sockets, Bright Blade 1¼ in. Wide, 11 Points, Beechwood Handle, Polished Edge.

Length, Inches...	16	18	20	22	24	26
Ap. Wt. Doz., Lbs.	21	27	33	36	39	42
Per Dozen.....	$20.20	21.25	22.35	23.80	25.20	26.70

One-third Dozen in a Box.

H. DISSTON & SONS'

No. 2—Flat Solid Steel Back, ⅞x$\frac{3}{16}$ in., Solid Forged Sockets, Bright Blade 1 in. Wide, 11 Points, Beechwood Handle, Polished Edge, Nickel Plated Screws.

Length, Inches	14	16	18
Ap. Wt. Per Dozen, Lbs..	18	20	22
Per Dozen	$15.85	16.60	17.30

One-third Dozen in a Box.

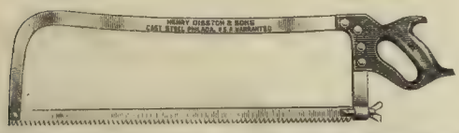
H. DISSTON & SONS'

No. 5—CALIFORNIA, Flat Solid Steel Back, 1x¼ in., Solid Forged Socket, Clock Spring Blued Blade ¾ in. Wide, 13 Points, Beechwood Handle, Polished Edge, Brass Screws.

Length, Inches	20	22	24
Ap. Wt. Per Dozen, Lbs.	35	37½	40
Per Dozen	$27.40	28.10	28.80

One-third Dozen in a Box.

HENRY DISSTON & SONS'

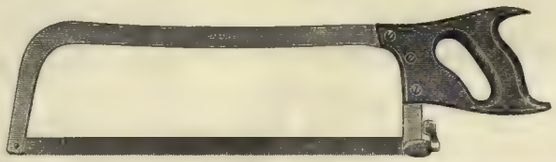


No. 13—Flat Steel Back, 1x¼ in., Special Temper and Tension, Clock Spring Blade, 24 Gauge, ¾ in. Wide, 13 Points, Cherry Handle, Polished Edges, Nickel Plated Screws.

Length, Inches	16	18	20
Ap. Weight Per Dozen, Lbs..	24	26	28
Per Dozen	$28.80	29.52	30.25
Length, Inches	22	24	26
Ap. Weight Per Dozen, Lbs..	30	32	33
Per Dozen	$31.00	31.70	33.15

One-third Dozen in a Box.

ADAMS'



No. 15—Flat Solid Steel Back, ⅞x¼ in., Cast Steel Blued Blade, ¾ in. Wide, Beechwood Handle.

Length, Inches	18	20	22
Ap. Weight Per Dozen, Lbs..	26	28	30
Per Dozen	$17.35	18.70	20.00
Length, Inches		24	26
Ap. Weight Per Dozen, Lbs..		32	33
Per Dozen		$21.35	22.70

One-third Dozen in a Box.

BADGER STATE

No. 79—Flat Steel Back, Square Edge, 1x¼ in. Special Steel Bright Blade, ¾ in. Wide, Beech Handle.

Length, Inches	18	20	22
Ap. Weight Per Dozen, Lbs..	26	28	30
Per Dozen	$17.80	18.90	20.00
Length, Inches		24	26
Ap. Weight Per Dozen, Lbs..		32	34
Per Dozen		$21.10	22.75

One-third Dozen in a Box.

CREAM CITY

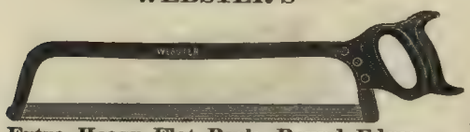
No. 177—Flat Steel Back, Square Edge, ¾x¼ in. Special Steel Bright Blade, ¾ in. Wide, Beechwood Handle.

Length, Inches	16	18	20
Ap. Weight Per Dozen, Lbs..	20	23	27
Per Dozen	$13.90	15.00	16.10
Length, Inches	22	24	26
Ap. Weight Per Dozen, Lbs..	30	32	34
Per Dozen	$17.00	17.80	18.90

One-third Dozen in a Box.

Kitchen Saws.

WEBSTER'S



Extra Heavy Flat Back, Round Edges, 5/8 x 3/16 in., Blued Blade, 5/8 in. Wide, Wood Handle.

Nos.	2	4
Length, Inches	16	20
Ap. Wt. Doz., Lbs.	13	15
Per Dozen	$11.10	13.35

One-half Dozen in a Box.

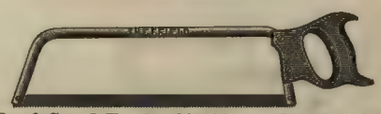
ATKINS'

Extra High Grade Flat Steel Back, 5/8 x 3/16 in., Silver Steel Bright Blade, 3/4 in. Wide, Beech Handle.

Nos.	13	13½
Length, Inches	16	18
Ap. Wt. Doz., Lbs.	14½	15½
Per Dozen	$7.25	7.80

One-half Dozen in a Box.

ADAMS'



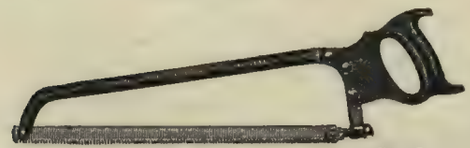
Oval Steel Back, 1/2 x 1/4 in., Special Steel Bright Blade, 5/8 in. Wide, Beech Handle.

No.	00
Length, Inches	14
Ap. Weight Per Dozen, Lbs.	11
Per Dozen	$5.00

One-half Dozen in a Box.

Pork Packers' Saws.

DISSTON'S



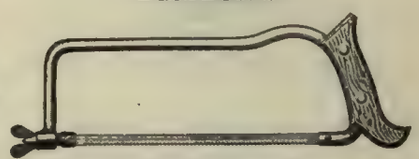
No. 18—Oval Back, 5/8 x 5/16 in., Cast Steel Bright Blade, 1 in. Wide, Beech Handle.

Length, Inches	16	18
Ap. Wt. Doz., Lbs.	19	21
Per Dozen	$18.75	19.85

One-third Dozen in a Box.

Dehorning Saws.

DISSTON'S



Japanned Malleable Iron Frame, Steel Blade, Beechwood Handle.

No.	6
Blade, Inches	9½ x ¼
Ap. Weight Per Dozen, Lbs.	15
Per Dozen	$11.10

One-half Dozen in a Box.

Coping Saws.

Nickel Plated Wire Frame.

Per Dozen

No. 100—4 in. Deep, Two Slots for Sawing at Right Angles, Complete with One Dozen Extra 6 in. Bent End Blades, Weight Per Dozen About 5 Lbs. $3.35

One-half Dozen in a Box.

Per Gross

Extra Blades—For No. 100 Coping Saws $1.45

Spring Temper Steel Frame, Nickel Plated and Polished, Stained Hardwood Handle, Durable Wax Finish.

Per Dozen

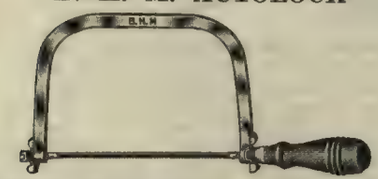
No. E444—4¾ in. Deep, Complete with 2 Blades, Weight Per Dozen About 7 Lbs. $13.35

One-sixth Dozen in a Box.

Per Dozen

Extra Blades—For No. E444 Coping Saws $0.80

B. H. M. AUTOLOCK



Nickel Plated Highly Polished Steel Frame, Rubberoid Handle.

Per Dozen

No. 4—4½ in. Deep, Blade can be Turned in any Direction without Removing from Work and Locked in Desired Position, Complete with 2 Selected 6½ in. Blades, Weight Per Dozen About 6 Lbs. $13.35

One-half Dozen in a Box.

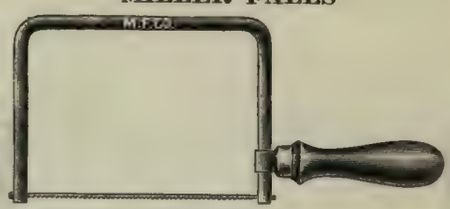
Per Dozen

Extra Blades—For No. 4 Coping Saws $0.80

Ordinary 6 in. Coping Saw Blades can be used in the frame as well as the 6½ in. Heavy Blades furnished with it.

Coping Saws.

MILLER FALLS



Nickel Plated Steel Wire Frame, Hardwood Stained Handles.

Per Dozen

No. 40—4 in. Deep, Complete with One Dozen 6 in. Looped End Saw Blades, Weight Per Dozen About 4 Lbs. $5.80

One Dozen in a Box.

Per Gross

Extra Blades—For No. 40 Coping Saws $1.45

JONES' CABLE

Nickel Plated Tubular Back, Hardwood Handle.

Per Dozen

No. 1—4 in. Deep, Blade Adjustable by Turning Handle, Complete with Six 6 in. Blades, Weight Per Dozen About 6 Lbs. $18.35

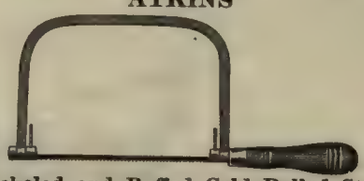
One-twelfth Dozen in a Box.

Per Gross

Extra Blades—For No. 1 Jones' Coping Saws $1.90

One Dozen in a Package.

ATKINS'



Nickeled and Buffed Cold Rolled Steel Frame, 3/8 x 3/16 in., Carved and Varnished Hardwood Easy Grip Handle, Malleable Iron Threaded Ferrule.

Per Dozen

No. 50—4⅝ in. Deep, Complete with Blade, Weight Per Dozen About 9 Lbs. $13.35

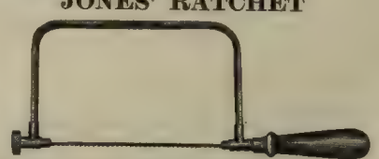
One-half Dozen in a Box.

Per Dozen

Extra Blades—For No. 50 Coping Saws $0.80

Through the use of Cap Screws into which wires are inserted the blade may be instantly adjusted to cut sharp or unusual angles with ease.

JONES' RATCHET



Nickel Plated Steel Back, Hardwood Handle.

Per Dozen

No. 2—4 in. Deep, Blade Adjustto Any Angle by Turning Handle and Button on Front of Frame, Complete with Six 6 in. Blades, Weight Per Dozen About 6 Lbs. $10.00

One-twelfth Dozen in a Package.

Per Gross

Extra Blades—For No. 2 Jones' Coping Caws $1.90

1 Dozen in a Package.

Scroll Saws.

NEW ROGERS'

Foot Power.

Japanned Iron Castings, Striped, Steel Arbors, Best Selected Ash Wood Arm and Pitman.

Each

No. 1—35 in. High, with Japanned Tilting Table and Iron Balance Wheel.....**$7.80**

No. 2—35 in. High, with Nickel Plated Tilting Table and Emery Balance Wheel..... **8.55**

With each machine 12 Saw Blades, 1 Wrench, 3 Sheets of Designs, 1 Awl, Impression Paper and 3 Drill Points are furnished.

Weight Each, Boxed, About 45 Pounds.

One in a Box.

CRICKET

Foot Power.

Japanned Iron Castings, Steel Arbor, Ash Wood Arms.

Each

No. 5—33 in. High, with Japanned Tilting Table and Iron Balance Wheel.....**$6.00**

Weight Each, Boxed, 35 Pounds.

One in a Box.

LESTER IMPROVED

Foot Power.

Japanned Iron and Steel Castings, Red and Gilt Ornamentations, Ashwood Arms and Pitman, 15 in. Heavy Driving Wheel (Weight 13 Lbs.), Nickel Tilting Saw Table, Automatic Dust Blower, Adjustable Lever Clamps, Capacity of Cut 1/8 to 1/2 in.

Each

No. 3—35 in. High, with 12 Blades, 1 Wrench, 1 Screw Driver, 3 Sheets of Designs and a Box for the Small Tools **$17.50**

Weight Each 81 Pounds.

One in a Box.

Lathes and Scroll Saws.

COMPANION

Thoroughly Built.

Japanned Cast Iron Frame, Drive Wheel and Cone Pulley with Two Grooves to Permit Change of Speed, Long and Short Tool Rests, 3 Turning Tools, Wrench, Drill Points, 4 1/2 x 7/8 in. Emery Wheel, Drill Spindle with Chuck for Drill Points for Boring Wood, Tail Stock with Screw Feed.

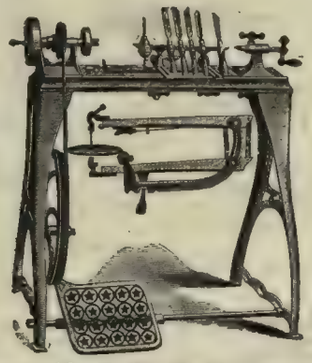
Each

Companion—Lathe with Scroll Saw,, Swing of Lathe 5 in., Distance Between Centers 13 1/2 in., Distance of Bed from Floor 27 in., Length of Bed 24 in..**$17.75**

Weight Each 78 Pounds.

One in a Box.

GOODELL'S



Thoroughly Built, Highly Finished.

Japanned Cast Iron Frame, Drive Wheel and Cone Pulley with Two Grooves to Permit Change of Speed, Accurate Drill Chuck, Long and Short Tool Rests, 5 Turning Tools, Wrench, Drill Points, Etc., 4 1/2 x 7/8 in. Emery Wheel, Drill Spindle with Chuck for Drill Points for Wood Boring, Tail Stock with Screw Feed.

Each

Goodell's—Lathe with Scroll Saw Attachment, Swing of Lathe 5 in., Distance Between Centers 13 1/2 in., Distance of Bed from Floor 27 in., Length of Bed 24 in.....**$21.20**

Weight Each, Boxed, 78 Pounds.

One in a Box.

No. 2.

Bracket Saws.

MILLER FALLS

Per Dozen Sets

No. 2—12x5 in. Spring Steel Frame, Polished and Nickel Plated, Rosewood Handle, Patent Clamps, Complete with 3 Sheets of Designs, 12 Blades, 1 Awl, 1 Sheet of Impression Paper.....**$17.80**

Weight Per Dozen About 13 Pounds.

One-twelfth Dozen in a Box, with Screws.

Pruning Saws.

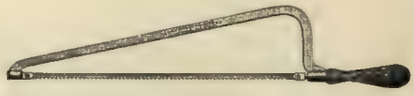
BROWN'S

No. 3—Crucible Steel Grained Blade, Apple Handle, Polished Edges, 3 Screws.

Length, Inches	16	18
Ap. Wt. Doz., Lbs.	9	11
Per Dozen	$10.55	11.75

One-third Dozen in a Box.

DISSTON'S



No. 9—Double Swivel, Crucible Steel Blades, Adjustable, Polished Steel Frames, Hardwood Handles.

Length, Inches	14
Ap. Weight Per Dozen, Lbs.	19½
Per Dozen	$21.85

One-sixth Dozen in a Box.

AVERY'S DUPLEX

No. 40—Cast Steel Blade, Beech Handle, 3 Brass Screws.

Length, Inches	18
Ap. Weight Per Dozen, Lbs.	8
Per Dozen	$12.10

One-half Dozen in a Box.

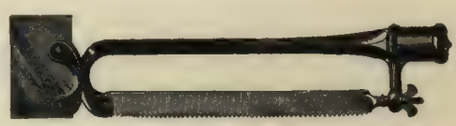
DISSTON'S

Crescent Shaped Crucible Steel Blade, Slender Teeth, Curved Beech Handle, Varnished Edges, 3 Brass Screws.

	Per Dozen
No. 51—12 in. Blade, Weight Per Dozen About 15 Lbs.	$14.05

One-half Dozen in a Box.

DISSTON'S IMPROVED



No. 45—SAW AND KNIFE, Cast Steel Saw Blade, Japanned Iron Frame, Polished Steel Knife Blade, Riveted in End of Frame, WITHOUT POLE.

Length of Blade, Inches	10
Size of Knife, Inches	2¼ x 4 1/16
Approx. Weight Per Dozen, Lbs.	23
Per Dozen	$17.20

One-quarter Dozen in a Box.

Pruning Saws and Hooks.

LITTLE GIANT

Without Pole.

	Per Dozen
No. 50—Hook and Saw, Crucible Steel, 12 in. Common Tooth Saw Blade, Japanned Malleable Iron Hook and Socket 7¾ in. Long, Steel Knife with Shank 5½ in. Long	$28.10

Weight Per Dozen About 30 Pounds.
One-twelfth Dozen in a Box.

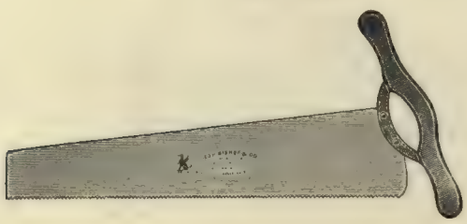
ORCHARD

Without Pole.

	Per Dozen
No. 58—Hook and Saw, Best Crucible Steel, 12 in. Slender Teeth Curved Blade, Japanned Malleable Iron Hook and Socket 7¾ in. Long, Steel Knife with Shank 5½ in. Long	$27.75

Weight Per Dozen About 30 Pounds.
One-sixth Dozen in a Box.

Handy Hand Saws.

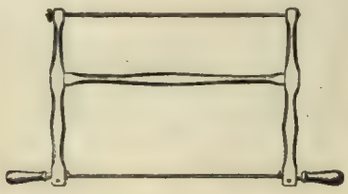


Cast Steel Blade, Wood Handle.
An Excellent Tool for General or Household Use.

No.	92
Length Blade, Inches	26
Ap. Wt. Per Dozen, Lbs.	28
Per Dozen	$20.00

Open Stock.

Turning Saws.



Birch Wood Frame, Ebonized Handles, Steel Tension Rod, Complete with Blade.

Inches	12	14	18
Ap. Wt. Doz., Lbs.	13	17	18½
Per Dozen	$20.10	20.95	21.85

One-twelfth Dozen in a Box.

Cabinet Saw Frames.

No. 1—Wood Frame, Wood Handle.

Inches	20	22	24
Ap. Wt. Doz., Lbs.	15	17	19
Per Dozen	$17.35	17.35	17.35
Inches	26	28	30
Ap. Wt. Doz., Lbs.	21	24	26
Per Dozen	$20.00	20.00	20.00

One-half Dozen in a Bundle.

Wood Saws.

MARSHALL'S

Plain Wood Frame.

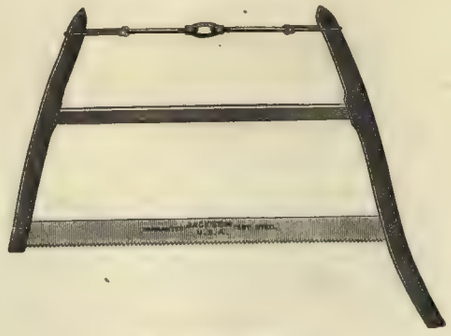
Per Dozen

No. 3—30 in., No. 3 Cast Steel Blade, 2¼ in. Wide, Clipper Loop Rod.....**$10.95**

Weight Per Dozen About 50 Pounds.

Open Stock.

JACKSON'S



Plain Wood Frame.

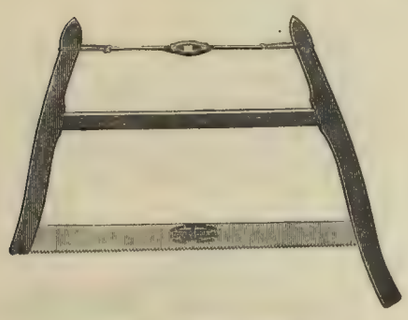
Per Dozen

No. 4—30 in. No. 4 Cast Steel Blade, 2 in. Wide, Clipper Loop Rod.....**$9.55**

Weight Per Dozen About 50 Pounds.

Open Stock.

H. DISSTON & SONS'



Plain Wood Frame.

Per Dozen

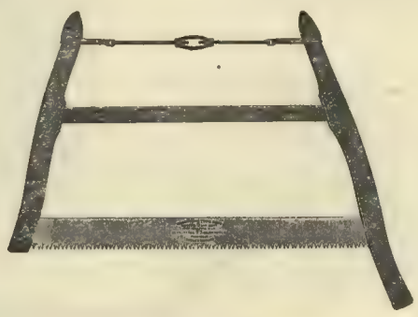
No. 6—30 in. No. 6 Cast Steel Blade, 2⅜ in. Wide, Clipper Loop Rod.....**$14.90**

No. 9—30 in. No. 9 Spring Steel Blade, 2⅜ in. Wide, Clipper Loop Rod..... **15.30**

No. 11—30 in. No. 11 Extra Spring Steel Blade, 2⅜ in. Wide, Clipper Loop Rod..... **18.75**

Average Weight Per Dozen 52 Pounds.

Open Stock.



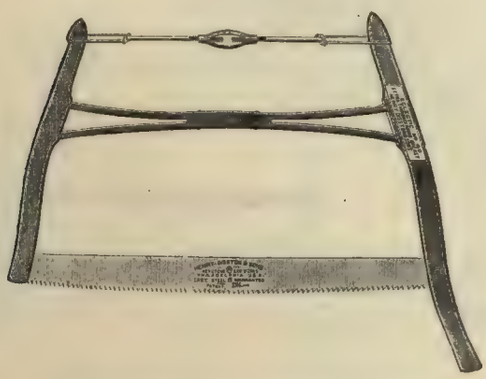
Plain Wood Frame.

Per Dozen

No. 77—30 in. No. 77 Improved Cast Steel Blade, 2⅜ in. Wide, Set and Sharpened, Clipper Loop Rod **$15.60**

Weight Per Dozen About 55 Pounds.

Open Stock.



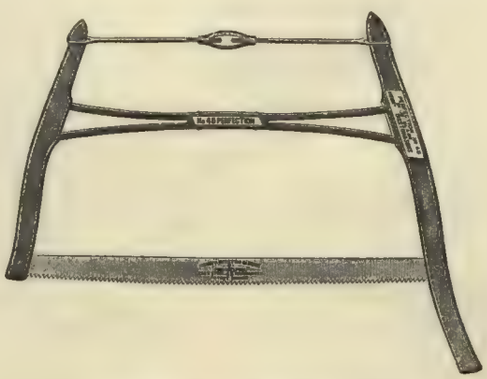
Red Stained and Varnished Frame.

Per Dozen

No. 40—Disston's Eclectic, 30 in. No. 26 Bright Round Breasted Blade, 2⅜ in. Wide, Climax Loop Rod **$15.00**

Weight Per Dozen About 58 Pounds.

One-half Dozen in a Box.



Stained and Varnished Frame.

Per Dozen

No. 45—Disston's Perfection, 30 in. No. 45 Blued Round Breasted Clock Spring Blade, 1¾ in. Wide, Extra Thin Back, Tinned Duplex Loop Rod **$15.35**

Weight Per Dozen About 56 Pounds.

One-half Dozen in a Box.

Wood Saws.

Natural Second Growth Hickory Braced Frame, with Two Rivets Through Center Brace.

Per Dozen

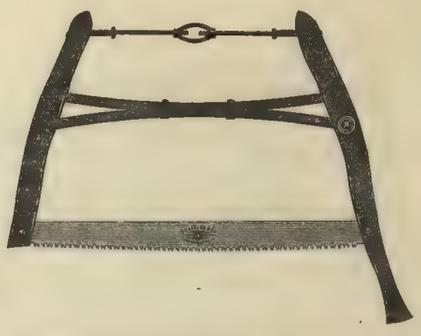
No. 300 — EVERKEEN, 30 in. Tuttle Tooth Round Breasted Bright Blade, 2¼ in. Wide, Jumbo Tinned Loop Rod, Japanned Swivel.....**$15.00**

No. 300P— EVERKEEN, Same as No. 300, with Plain Tooth Blade **15.00**

Weight Per Dozen About 57 Pounds.

One-half Dozen in a Box.

ATKINS'



Red Braced Frame with Two Rivets Through Center Brace.

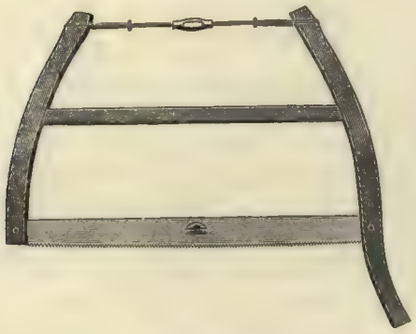
Per Dozen

No. 100—Atkins', 30 in. No. 23 Tuttle Tooth Round Breasted Bright Blade, 2¼ in. White Jumbo Tinned Loop Rod, Japanned Swivel.....**$13.90**

Weight Per Dozen About 57 Pounds.

One-half Dozen in a Box.

STANDARD



Red Frame.

Per Dozen

No. 30—Standard, 30 in. Bright Steel Blade, Clipper Loop Rod **$9.70**

Weight Per Dozen About 55 Pounds.

One-half Dozen in a Box.

ATKINS'

Red Braced Frame, One Rivet Through Center Brace.

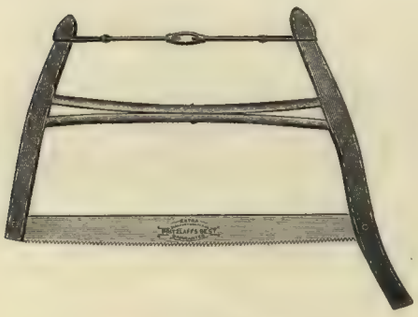
Per Dozen

No. 200—Atkins, 30 in. No. 23 Tuttle Tooth Round Breasted Bright Blade, 2¼ in. Wide, Clipper Loop Rod.....**$12.75**

Weight Per Dozen About 58 Pounds.

One-half Dozen in a Box.

PRITZLAFF'S BEST



Red Braced Frame.

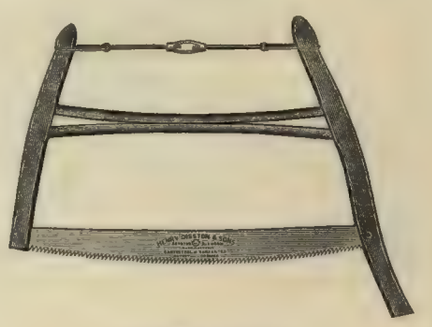
Per Dozen

No. 350—Pritzlaff's Best, 30 in. Blued Round Breasted Blade, 2 in. Wide, Tinned Loop Rod.....**$11.65**

Weight Per Dozen About 59 Pounds.

One-half Dozen in a Box.

FAVORITE



Red Braced Frame.

Per Dozen

No. 700—Favorite, 30 in. Blued Round Breasted Blade, 1¾ in. Wide, Tinned Loop Rod....**$11.65**

Weight Per Dozen About 58 Lbs.

One-half Dozen in a Box.

Boys' Saws and Bucks.

Hoosier.

	Per Dozen
No. 500—Blued Spring Steel Blade, Red Braced Frame, Tinned Rod, Complete with Red Saw Buck	**$18.90**

Weight Per Dozen Sets About 75 Pounds.
One-quarter Dozen Sets in a Crate.

Saw Bucks.

Folding.

	Per Dozen
No. 20—Hardwood, 1⅛x2⅜ in. Uprights, 1¾x9½ in. Saw Round, ⅞ in. Rungs, Rolling Center, Malleable Locks	**$4.50**

Weight Per Dozen About 83 Pounds.
One-half Dozen in a Crate.

Wood Saw Frames.

Single Brace, Plain White.

	Per Dozen
No. 10—Common Frame, Complete	**$2.80**
Weight Per Dozen About 28 Pounds.	
Extra Short End Pieces, Weight Dozen About 9 Lbs	**1.00**
Extra Long End Pieces, Weight Dozen About 12 Lbs	**1.00**
Extra Center Pieces, Weight Dozen About 7 Lbs	**.90**

Single Brace, Painted Red.

	Per Dozen
No. 20—Common Frame, Complete	**$3.55**
Weight Per Dozen About 28 Pounds.	
Extra Short End Pieces, Weight Dozen About 9 Lbs	**1.35**
Extra Long End Pieces, Weight Dozen About 12 Lbs	**1.35**
Extra Center Pieces, Weight Dozen About 7 Lbs	**1.15**

Open Stock.

Double Brace, Painted Red.

	Per Dozen
No. 50—Braced Frame, Complete	**$5.00**
Weight Per Dozen About 35 Pounds.	
Extra Short End Pieces, Weight Dozen About 11 Lbs	**1.80**
Extra Long End Pieces, Weight Dozen About 15 Lbs	**1.80**
Extra Center Pieces, Weight Dozen About 9 Lbs	**1.45**

Open Stock.

Double Brace, Painted Red.

	Per Dozen
No. 75—Braced Frame, Complete	**$5.35**

Weight Per Dozen About 30 Pounds.
One-half Dozen in a Crate.

Saw Rods.

No. 5—FAVORITE, Steel Wire, Bright Finish, Malleable Swivel.

Length, Inches	**21**	**22**	**23**
Ap. Weight Per Dozen, Lbs.	8	8½	9
Per Dozen	**$1.55**	**1.55**	**1.70**

One Dozen in a Package.

No. 11—CLIPPER, Bright Finish, Malleable Swivel.

Length, Inches	**21**	**22**	**23**
Ap. Weight Per Dozen, Lbs.	8	8½	9
Per Dozen	**$1.45**	**1.45**	**1.55**

One Dozen in a Package.

No. 12—CHAMPION, Tinned, Japanned, Malleable Swivel.

Length, Inches	**21**	**22**	**23**
Ap. Weight Per Dozen, Lbs.	8	8½	9
Per Dozen	**$2.00**	**2.00**	**2.00**

One Dozen in a Package.

No. 20—JUMBO, Extra Heavy, Tinned, Japanned Swivel.

Length, Inches	**21**	**22**	**23**
Ap. Weight Per Dozen, Lbs.	9	9½	10
Per Dozen	**$2.45**	**2.45**	**2.65**

One Dozen in a Package.

Wood Saw Blades.

Per Dozen

No. E300—Tuttle Tooth, Extra Cast Steel, Bright Round Breasted, 2 in. Wide, 30 in. Long.....**$9.45**

Weight Per Dozen About 6 Pounds.

Per Dozen

No. E300P—Plain Tooth, Extra Cast Steel, Bright Round Breasted, 2 in. Wide, 30 in. Long.**$9.25**

Weight Per Dozen About 6 Pounds.

Disston's.

Per Dozen

No. 045—Extra Cast Steel, Blued, Round Breasted, 1¾ in. Wide, 30 in. Long, 4½ Points to Inch **$10.00**

Weight Per Dozen About 5 Pounds.

Pritzlaff's Best.

Per Dozen

No. 50—Spring Steel, Blued, Round Breasted, 2¼ in. Wide, 30 in. Long, 4½ Points to the Inch...**$8.55**

Weight Per Dozen About 6½ Pounds.

Disston's.

Per Dozen

No. 45—Extra Cast Steel, Blued, Straight Breasted, 1¾ in. Wide, 30 in. Long, 4½ Points to the Inch **$10.00**

Weight Per Dozen About 5 Pounds.

Disston's.

Per Dozen

No. 55—Extra Cast Steel, Blued, Round Breasted, 1¼ in. Wide, 30 in. Long, 5 Points to the Inch **$10.00**

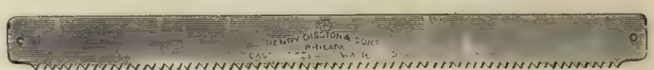
Weight Per Dozen About 4½ Pounds.

Keystone.

Per Dozen

No. 60—Extra Cast Steel, Blued, Straight Breasted, 1¼ in. Wide, 30 in. Long, 4½ Points to the Inch **$4.65**

Weight Per Dozen About 4 Pounds.

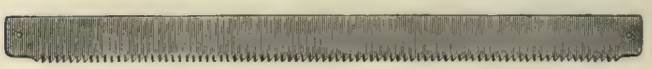


Disston's.

Per Dozen

No. 11—Improved Cast Steel, Bright, Straight Breasted, 2¼ in. Wide, 30 in. Long, 4, 4½, 5, 5½ and 6 Points to the Inch.....**$12.80**

Weight Per Dozen About 7 Pounds.



Disston's.

Per Dozen

No. 9—Spring Steel, Bright, Straight Breasted, 2¼ in. Wide, 30 in. Long, 4, 4½, 5, 5½ and 6 Points to the Inch.....**$10.75**

Weight Per Dozen About 7 Pounds.

Disston's.

Per Dozen

No. 6—Cast Steel, Bright, Straight Breasted, 2¼ in. Wide, 30 in. Long, 4, 4½, 5, 5½, 6 and 7 Points to the Inch.....**$9.45**

Weight Per Dozen About 7½ Pounds.

Disston's.

Per Dozen

No. 77—Improved Cast Steel, Bright Straight Breasted, 2¼ in. Wide, 30 in. Long.....**$10.00**

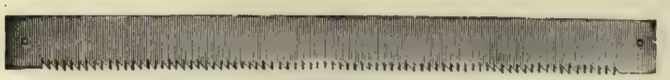
Weight Per Dozen About 7 Pounds.

Marshall's.

Per Dozen

No. 3—Cast Steel, Bright, Straight Breasted, 2¼ in. Wide, 30 in. Long, 4½ Points to the Inch....**$6.10**

Weight Per Dozen About 7 Pounds.



Jackson's.

Per Dozen

No. 4—Cast Steel, Bright, Straight Breasted, 1¾ in. Wide, 30 in. Long, 4½ Points to the Inch....**$5.20**

Weight Per Dozen About 7 Pounds.

Standard.

Per Dozen

No. 30—Cast Steel, Bright, Straight Breasted, 2 in. Wide, 30 in. Long, 5 Points to the Inch....**$4.50**

Weight Per Dozen About 7 Pounds.

Atkins'.

Per Dozen

No. 09—Tuttle Tooth, Extra Cast Steel, Bright, Round Breasted, 2¼ in. Wide, 30 in. Long.....**$7.80**

Weight Per Dozen About 7 Pounds.

Atkins'.

Per Dozen

No. 16—Needle Point, Silver Steel, Bright, Round Breasted, 2¼ in. Wide, 30 in. Long.....**$10.55**

Weight Per Dozen About 6 Pounds.

One Dozen in a Package.

Hack Saw Blades.

STERLING

Extra Cast Steel.

18 Teeth for Ordinary Work.

Size, Inches	8x½	9x½	10x½	12x½
Thickness, Inches	.026	.026	.026	.026
Ap. Weight Gross, Lbs.	4¼	4½	5	6
Per Gross	$8.90	10.00	11.15	13.35

24 Teeth for Tubing and Brass.

Size, Inches	8x½	9x½	10x½	12x½
Thickness, Inches	.026	.026	.026	.026
Ap. Weight Gross, Lbs.	4¼	4½	5	6
Per Gross	$8.90	10.00	11.15	13.35

14 Teeth for Power Machines.

Size, Inches	10x⅝	12x⅝	12x¾	14x¾
Thickness, Inches	.028	.028	.033	.033
Ap. Weight Gross, Lbs.	7¾	8½	12	13¾
Per Gross	$11.35	14.00	16.65	20.00

10 Teeth for Power Machines.

Size, Inches	12x¾	14x¾	12x1
Thickness, Inches	.049	.049	.049
Ap. Weight Per Gross, Lbs.	17¼	18¾	24
Per Gross	$20.00	24.00	32.00

Size, Inches	17x1	21x1	24x1
Thickness, Inches	.049	.056	.056
Ap. Weight Per Gross, Lbs.	32½	47¼	54
Per Gross	$40.00	50.65	58.00

One Dozen in a Package, One-half Gross in a Box.

STERLING FLEXIBLE

Flexible Center, Hardened Back and Tooth Edge.

18 Teeth for Ordinary Work.

Size, Inches	8x½	9x½	10x½	12x½
Thickness, Inches	.026	.026	.026	.026
Ap. Weight Gross, Lbs.	4¼	4½	5	6
Per Gross	$8.90	10.00	11.15	13.35

One Dozen in a Package, One-half Gross in a Box.

STAR

Special Steel.

14 Teeth for Ordinary Work.

Size, Inches	8x⅜	9x⅜	10x½	12x½
Ap. Weight Gross, Lbs.	3¼	3½	4⅝	5½
Per Gross	$6.80	7.70	8.50	9.30

14 Teeth, for Machine Use.

Size, Inches	12x⅝
Approx. Weight Per Gross, Lbs	10
Per Gross	$13.65

One Dozen in a Package, One-half Gross in a Box.

CHROMOL

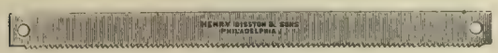
Hardened Steel, Milled Tooth.

15 and 23 Teeth.

Size, Inches	8x½	9x½	10x½	12x½
Gauge	23	23	23	23
Ap. Weight Gross, Lbs.	4½	5	5½	7
Per Gross	$10.40	11.70	13.00	15.60

One Dozen in a Package, One-half Gross in a Box.

DISSTON'S



Special Crucible Steel, Hollow Ground, 14 Milled Teeth.

Length, Inches	8	9	10
Width, Inches	⅝	⅝	¾
Gauge	20	20	19
Ap. Weight Per Dozen, Lbs.	⅝	¾	⅞
Per Dozen	$3.60	3.75	3.90

Length, Inches	12	14	16
Width, Inches	¾	⅞	⅞
Gauge	19	19	19
Ap. Weight Per Dozen, Lbs.	1⅛	1⅜	1⅝
Per Dozen	$4.25	5.10	6.25

One Dozen in a Package.

SIMONDS', HARD EDGE

No. 32—Hard Edge, Flexible, 23 Gauge, 24 Teeth, for Brass, Copper, Drill Rod, Tubing and Sheet Metal.

Inches	8	9	10	12
Width, Inches	½	½	½	½
Ap. Weight Gross, Lbs.	4	5	5½	6½
Per Gross	$9.60	10.80	12.00	14.40

One Dozen in a Package, One-half Gross in a Box.

Bracket Saw Blades.

GRIFFIN'S

Tempered Steel, Length 5 Inches.

Nos.	1 to 6	7	8	9	10
Per Gross	$1.35	1.50	1.60	1.75	1.90

Average Weight Per Gross About ⅛ Lb.

One Gross in a Package.

Screw Slotting Blades.

SIMONDS'

Extra Heavy Concave Thin Back Blade for Cutting Slots in Odd Screw Heads.
Milled Teeth, 14 to the Inch.

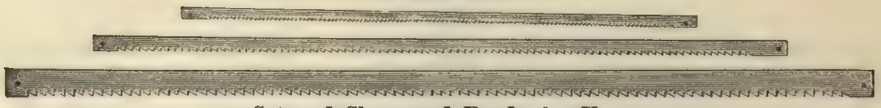
Per Set of 4

Simond's Screw Slotting Blades—8x½ in., Assorted Thicknesses .109x.080, .083x.065, .065x.052, and .049x.039. Will Fit Any 8 in. Solid or Adjustable Hack Saw Frame.....$1.12

Weight Per Set About ⅜ Pound.

Turning Webs.

DISSTON'S

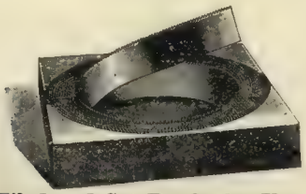


Set and Sharpened Ready for Use.

Length, Inches	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Width 1/8 in. Per Dozen,	$2.65	2.85	3.12	3.51	3.91	4.38	....	....	....	....	....	....	....	....
Width 5/32 in. Per Dozen,	2.10	2.27	2.50	3.09	3.43	3.86	....	....	....	....	....	....	....	....
Width 1/4 in. Per Dozen,	2.10	2.27	2.50	2.81	3.12	3.51	3.91	4.37	4.83	5.39	5.93	....	....	....
Width 5/16 in. Per Dozen,	2.20	2.27	2.50	2.81	3.12	3.51	3.91	4.37	4.83	5.39	5.93	....	....	....
Width 3/8 in. Per Dozen,	2.35	2.37	2.62	2.81	3.12	3.51	3.91	4.37	4.83	5.39	5.93	....	....	....
Width 1/2 in. Per Dozen,	....	....	2.87	3.09	3.12	3.51	3.91	4.37	4.83	5.39	5.93	6.55	....	....
Width 5/8 in. Per Dozen,	....	....	....	3.37	3.43	3.51	3.91	4.37	4.83	5.39	5.93	6.55	7.18	7.80

Open Stock.

Butcher Saw Blades.

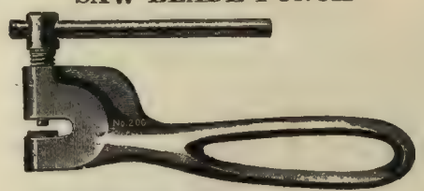


Filed and Set Ready for Use.

Per Box

No. 20—5/8 in. Wide, Extra Quality Spring Steel, Tempered Ground and Polished.....$3.35
Weight Per Box About 1½ Pounds.
25 Feet in a Box.

SAW BLADE PUNCH



For Punching Butcher Saw Blades.

Each

No. 200—Malleable Iron Frame, Nickel Plated, Polished Steel Screw and Cross Bar, Finest Quality Tool Steel Die and Punch, Carefully Tempered, Weight Each About 9 Oz.....$1.12
One in a Box.

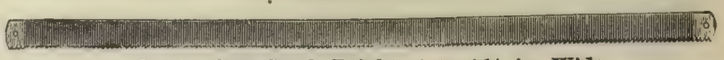
STAR

Special Cast Steel, 11/16 in. Wide, Needs no Filing.

Inches	16	18	20
Ap. Weight Per Dozen, Lbs.	5/8	3/4	7/8
Per Dozen	$1.90	2.12	2.12

Inches	22	24	26
Ap. Weight Per Dozen, Lbs.	1	1¼	1½
Per Dozen	$2.35	2.35	2.55

DISSTON'S



No. 1—Cast Steel, Bright, 1 to 1¼ in. Wide.

Inches	16	18	20	22
Ap. Weight Per Dozen, Lbs.	1⅛	1½	1⅝	1¾
Per Dozen	$4.75	5.05	5.35	5.65

Inches	24	26	28
Ap. Weight Per Dozen, Lbs.	2	2¼	2½
Per Dozen	$5.90	6.20	6.50

No. 2—Clock Spring Steel, Blued, 3/4 in. Wide.

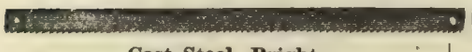
Inches	18	20	22
Ap. Weight Per Dozen, Lbs.	1	1⅛	1¼
Per Dozen	$5.35	5.65	5.90

Inches	24	26	28
Ap. Weight Per Dozen, Lbs.	1⅜	1½	1¾
Per Dozen	$6.20	6.50	6.85

Open Stock.

Kitchen Saw Blades.

DISSTON'S



Cast Steel, Bright.

Length, Inches	14
Ap. Weight Per Dozen, Lbs.	3/4
Per Dozen	$2.50

Open Stock.

Dehorning Saw Blades.

DISSTON'S

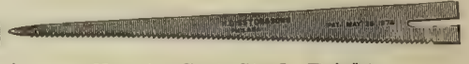
Cast Steel, Bright.

Length, Inches	9½
Width, Inches	¼
Ap. Weight Per Dozen, Lbs.	½
Per Dozen	$2.10

Open Stock.

Compass Saw Blades.

DISSTON'S



No. 4—Cast Steel, Bright.

Length, Inches	10	12	14
Ap. Wt. Doz., Lbs.	1½	1¾	2⅛
Per Dozen	$3.50	3.90	4.30

Open Stock.

Key Hole Saw Blades.

DISSTON'S

Cast Steel, Bright.

Length, Inches	10	12	14
Ap. Wt. Doz., Lbs.	5/8	3/4	7/8
Per Dozen	$3.12	3.12	3.12

Open Stock.

Key Hole Pad Saw Blades.

DISSTON'S

Best Cast Steel, Bright, for Iron Pads.

Length, Inches	7
Ap. Weight Per Dozen, Lbs.	3/8
Per Dozen	$2.20

Open Stock.

Saw Pads.

German.

Per Dozen

No. 64—Beechwood Handle.....$6.70
Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

Cross Cut Saw Handles.

Simond's.

Per Pair

No. 6 — Malleable Iron Loop, Screwing Up into Extra Strong Threaded Ferrule at Bottom of Handle **$0.90**

Weight Per Pair About 2½ Pounds.

Open Stock.

Climax.

Per Pair

No. 20 — Reversible, Malleable Iron Castings **$0.35**

Weight Per Pair About 1½ Pounds.

Open Stock.

Per Pair

No. 3—Malleable Iron Castings, with Swivel Attached to the Ferrule **$0.28**

Weight Per Pair About 2 Pounds.

Open Stock.

Atkins'.

Per Pair

No. 12—Wrought Steel Extra Heavy Loop, Malleable Ferrule and Cup, Solid Combination Plug and Nut.....**$0.56**

Weight Per Pair About 2½ Pounds.

Open Stock.

Atkins' Per Pair

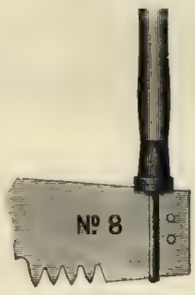
No. 1 — Wrought Steel Extra Heavy Loop, Cast Steel Ferrule and Cup.....**$0.54**

Weight Per Pair About 2¼ Pounds.

Per Dozen

Extra Washers or Cup for No. 1..$1.12

Open Stock.



Atkins'.

Per Pair

No. 8—Wrought Steel Loop, Cast Steel Ferrule and Cup.....**$0.32**

Weight Per Pair About 2 Pounds.

Open Stock.

Atkins' Pattern. Per Pair

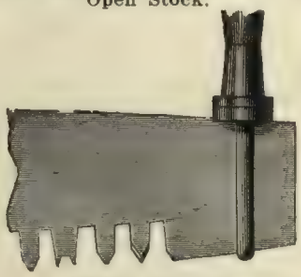
No. 10—Wrought Loop, Cast Ferrule and Cup.....**$0.36**

Weight Per Pair About 1½ Pounds.

Per Dozen

Extra Washers or Cups for No. 10.$1.12

Open Stock.



Atkins' Pattern. Per Pair

No. 15—Wrought Loop, Malleable Ferrule and Cup.....**$0.52**

Weight Per Pair About 2 Pounds.

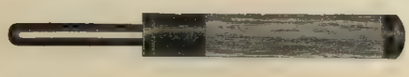
Open Stock.

Disston's. Per Pair

No. 109—Malleable Iron Loop, Inside Nut, Ferrule and Washer **$0.56**

Weight Per Pair About 2 Pounds.

Open Stock.



Disston's.

Per Pair

No. 122—Malleable Iron Loop Rod and Cup, Heavy Long Neck, Tapped for Loop Rod, Heavy Malleable Iron Ferrule **$0.56**

Weight Per Pair About 2 Pounds.

Open Stock.

ONE MAN CROSS CUT

Beech, Varnished Edges.

Per Dozen

No. 190—Without Holes **$3.35**

No. 193—With Three Holes..... **3.35**

No. 194—With Four Holes..... **3.35**

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

SUPPLEMENTARY

Beechwood, Malleable Hook.

Per Dozen

No. 30—For One Man Saws....**$2.00**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Saw Handles.

HAND SAW

Applewood.

Per Dozen

No. E25—Carved and Polished for ~~Evans~~ Hand Saws.....$9.00

Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

HAND SAW

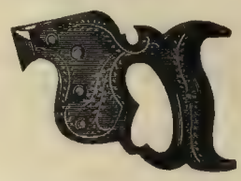
Beech.

Per Dozen

No. 3—Plain $1.70
No. 2—Varnished Edges 1.90
No. 02—Varnished Edges for 28 in. Rip Saws..... 2.00

Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

HAND SAW



Applewood. Per Dozen

No. D8—Polished, for No. D8 Disston's Hand Saws.....$6.70
No. 12—Carved, for No. 12 Disston's Hand Saws..... 11.10
No. 120—Carved, for No. 120 Disston's Hand Saws..... 9.45

Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

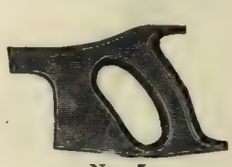
PANEL SAW

Nos. 03 and 4.

BACK SAW

No. 7.

BUTCHER SAW



No. 5.

COMPASS SAW

No. 6.

PANEL SAW HANDLES

Beech.

Per Dozen

No. 03—Varnished Edges, for 22 to 24 in. Saws.....$1.90
No. 4—Varnished Edges, for 16 to 20 in. Saws..... 1.70

Weight Per Dozen About 4½ Pounds.
One Dozen in a Box.

BACK SAW HANDLES

Applewood.

Per Dozen

No. 7—Varnished Edges $4.45

Weight Per Dozen About 5 Pounds.
One Dozen in a Box.

BUTCHER SAW HANDLES

Beech.

Per Dozen

No. 5—Varnished Edges $2.60

Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

COMPASS SAW HANDLES

Beech.

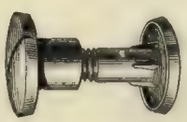
Per Dozen

No. 6—Varnished Edges $2.00

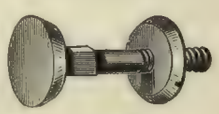
Weight Per Dozen About 4½ Pounds.
One Dozen in a Box.

Saw Screws.

No. 1.



No. 2.



No. 02.

No. 6.

No. 13

Per Dozen

No. 1—Centennial, Brass, Small Oval Head and Nut, Weight Per Dozen About ¼ Pound.....$0.45
No. 2—Centennial, Brass, Large Oval Head and Nut, Weight Per Dozen About ⅜ Pound..... .56
No. 02—Brass, Flush Head and Nut, Weight Per Dozen About ¼ Pound ..... .40
No. 6—Iron, Raised Head and Oval Nut, Weight Per Dozen About ⅜ Pound ..... .80
No. 8—Brass, Embossed Raised Head and Oval Nut, Weight Per Dozen About ⅜ Pound..... .80
No. 13—Brass, Raised Head and Oval Nut, Weight Per Dozen About ¼ Pound..... .70

Open Stock.

Per Dozen

No. 4—Centennial, Brass, Large Eagle Head and Oval Nut $0.90

Weight Per Dozen About ⅜ Pound.
Open Stock.

Per Dozen

No. 12—Brass, Medium Eagle Head and Flush Nut...$0.70

Weight Per Dozen About ⅜ Pound.

Open Stock.

Saw Makers' Tools.

SWAGE BARS

Solid Cast Steel.

Each

No. 2—Eight Sided, 11 in. Long, 1¼ in. Diameter Large End, ⅝ in. Diameter at Small End.....**$6.75**

Weight Each About 1½ Pounds.

Open Stock.

STRAIGHT EDGES

Solid Cast Steel.

Length, Inches ...	12	18	24	30	36	40
Ap. Wt. Each, Lbs.	¼	½	¾	1	1⅝	1¾
Each	$1.20	1.80	2.40	3.00	3.60	4.00
Length, Inches ...	44	48	52	54	56	60
Ap. Wt. Each, Lbs.	2¼	2⅝	3	3½	4	4½
Each	$4.40	4.80	5.20	5.40	5.60	6.00

Open Stock.

SWAGE HAMMERS

Solid Cast Steel.

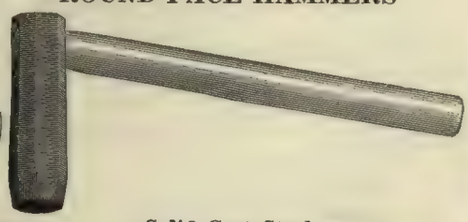
Each

No. 5—⅞ in., Polished, Selected Hickory Handle **$2.70**

Weight Each About ¾ Pound.

Open Stock.

ROUND FACE HAMMERS



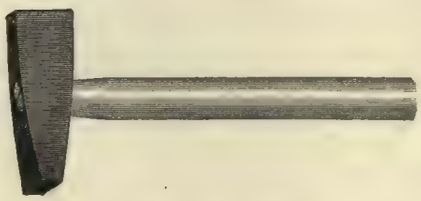
Solid Cast Steel.

Per Pound

No. 8—Approx. Weight About 3 to 6 Lbs.....**$0.90**

Open Stock.

SQUARE FACE HAMMERS



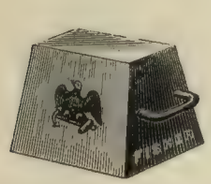
Solid Cast Steel.

Per Pound

No. 9—Approx. Weight About 3 to 6 Lbs.....**$0.90**

Open Stock.

Saw Anvils.



10x6 in., Hardened Tool Steel Faces, with Handle.

Per Pound

Eagle—Weights About 88, 115 and 145 Lbs.....**$0.27**

Open Stock.

Silver Solder.

For Brazing Band Saws.

Per Ounce

⅞ in. Wide, 1 Oz. in a Coil.....**$2.25**

One Ounce in a Box.

Saw Sets.

Common Lever.

Per Dozen

No. 30—Length 6 in., Malleable Iron, Wood Handle, for Saws, Weight Per Dozen About 3 Lbs.....**$2.80**

One Dozen in a Box.

Stillman's Pattern.

Per Dozen

No. 0—Length 6⅜ in., Malleable Iron, Wood Handle, for Hand Saws, Weight Per Dozen About 3 Lbs. **$3.25**

No. 10—Length 7⅝ in., Malleable Iron, Wood Handle, for Cross Cut Saws, Weight Per Dozen About 5½ Pounds **5.90**

No. 0, One Dozen; No. 10, One-half Dozen in a Box.

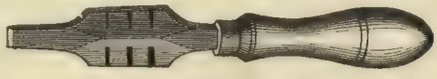
German.

Per Dozen

No. 62 —Length 5¼ in., Iron Handle, 6 Cuts, Weight Per Dozen About 2 Lbs.....**$2.45**

No. 62B—Length 7 in., Wood Handle, 6 Cuts, Weight Per Dozen About 2 Lbs..... **2.65**

One Dozen in a Box.



German.

Per Dozen

No. 62A—Length 7¾ in., Wood Handle, 6 Cuts, with Screw Driver, Weight Per Dozen About 2½ Lbs. **$3.55**

One Dozen in a Box.

Saw Sets.

TAINTOR'S POSITIVE

All Steel, Full Polished.

Per Dozen

No. 7—Length 6 in., for Hand Saws, 3 Lengths of Face, F for Fine, M for Medium, C for Coarse Teeth, Face of Anvil Numbered from 1 to 10, for Hand and Other Fine Tooth Saws.....**$13.70**
Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box.

DISSTON'S TRIUMPH

Malleable Iron Frame, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 28—Length 7 in., Polished Head, Black Handle, for Hand Saws, Back Saws, Web Saws, Narrow Band Saws, Etc., Weight Per Dozen About 9 Lbs.....**$15.55**

No. 280—Length 7 in., Polished Head, Black Handle, Fitted with **Smaller Size Setting Plunger,** Making it **Especially Adapted for Saws 10 to 16 Points to the Inch,** Weight Per Dozen About 8 Lbs..... **16.65**

No. 18—Length 9 in., Polished Head, Black Handle, for Small Circular Saws, Weight Per Dozen 12 Lbs. **21.10**

Nos. 28 and 280, One-half Dozen; No. 18, One-twelfth Dozen in a Box.

MORRILL'S IMPROVED

Semi-Steel Frame, Polished, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 1—Length 6¾ in., for Hand Band and Jig Saws, from the Widest Made Down to ½ in. in Width and Not Thicker than 16 Gauge.....**$15.55**
Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box.

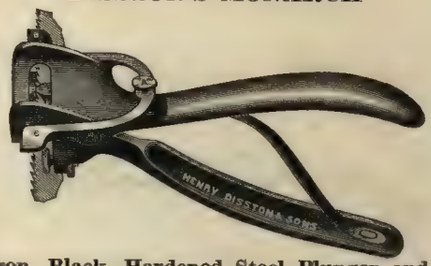
MORRILL'S PERFECT

Semi-Steel Frame, Polished Sides, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 4—Length 9 in., for Champion or M Tooth Cross Cut Saws, 14 to 20 Gauge.....**$22.25**
Weight Per Dozen About 15 Pounds.
One-half Dozen in a Box.

DISSTON'S MONARCH

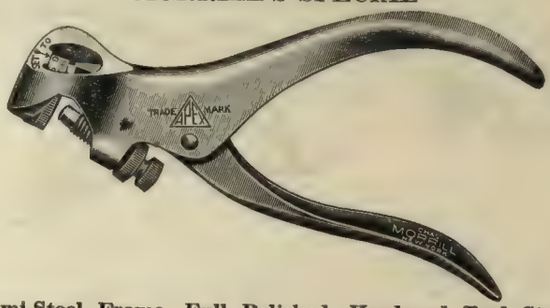


Cast Iron, Black, Hardened Steel Plunger and Anvil.

Per Dozen

No. 2—Length 6 in., Specially Adapted for Hand Saws, Cross Cut Saws, Circular Saws and All Small Saws **$14.45**
Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

MORRILL'S SPECIAL



Semi-Steel Frame, Full Polished, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 96—Length 6⅛ in., for Hand Saws from Widest Made Down to ½ in. in Width and not Thicker than 16 Gauge.....**$17.25**
Weight Per Dozen About 8 Pounds.

Lock Nut Gauge Screws, Revolving Anvil set at an incline, subdivided and marked with figures, gives correct set to saw.

One-half Dozen in a Box.

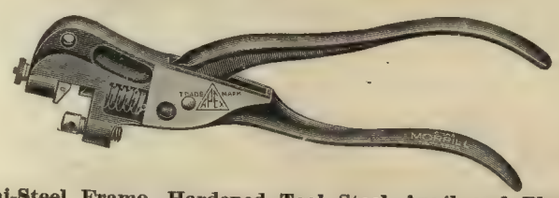
MORRILL'S PERFECT

Semi-Steel Frame, Polished Sides, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 3—Length 9 in , for Single Tooth Cross Cut and Small Circular Saws, 14 to 20 Gauge.....**$22.25**
Weight Per Dozen About 15 Pounds.
One-half Dozen in a Box.

MORRILL'S PERFECT



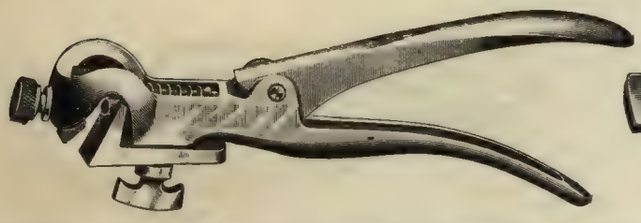
Semi-Steel Frame, Hardened Tool Steel Anvil and Plunger.

Per Dozen

No. 5—Length 15 in., for Board and Timber Saws, 6 to 14 Gauge.....**$33.35**
Weight Per Dozen About 42 Pounds.
One-half Dozen in a Box.

Saw Sets.

MORRILL'S PATTERN



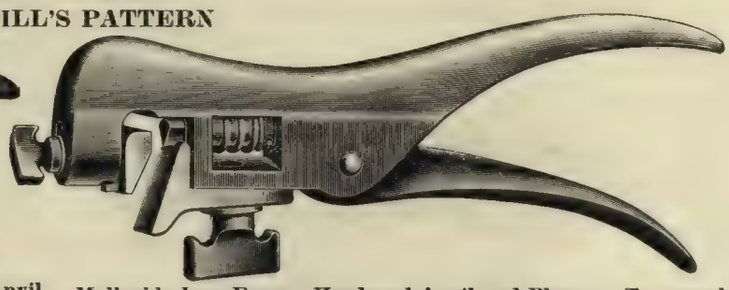
Malleable Iron Frame, Full Polished, Hardened Steel Anvil and Plunger, Tempered Steel Spring.

Per Dozen

No. 100—Length 6¾ in., for Hand, Band and Jig Saws, from the Widest Made Down to ½ in.....**$5.60**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box.



Malleable Iron Frame, Hardened Anvil and Plunger, Tempered Steel Spring, Lever on Lower Side.

Per Dozen

No. 204—Length 9¼ in., for Champion or M Tooth Cross Cut Saw from 14 to 20 Gauge.....**$13.35**

Weight Per Dozen About 19 Pounds.

One-half Dozen in a Box.

STEARNS'

Malleable Iron Frame, Gun Metal Finish, Nickel Plated Trimmings, Hardened Steel Anvil and Plunger, Tempered Steel Spring Lever on Lower Side.

Per Dozen

No. 125—Length 6½ in., for All Hand, Band and Jig Saws **$11.65**

Weight Per Dozen About 8½ Pounds.

One-half Dozen in a Box.

HOLT'S IMPROVED

Steel Frame, Steel Anvil and Plunger, Full Polished, Interchangeable Parts, Lever on Lower Side.

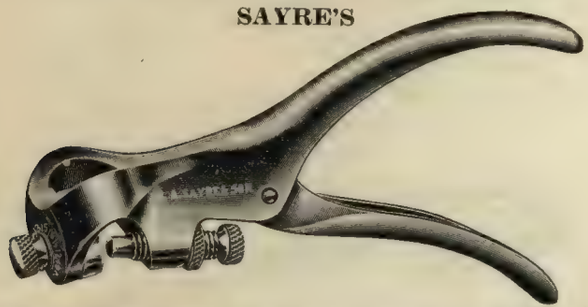
Per Dozen

No. 50—Length 6½ in., for All Hand, Band and Jig Saws, will Set 16 Point and all Coarser Saws.**$15.55**

Weight Per Dozen About 7½ Pounds.

One-half Dozen in a Box.

SAYRE'S



Malleable Iron Frame, Gun Metal Finish, Nickel Plated Trimmings, Steel Anvil and Plunger, Lever on Lower Side.

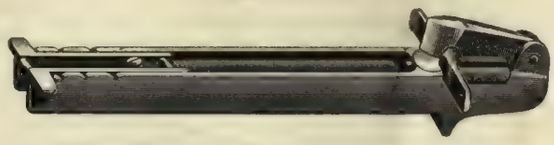
Per Dozen

No. 127—Length 6½ in., for Hand, Band and Jig Saws **$15.55**

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box.

CRITERION



Best Refined Malleable Iron, Japanned, Hardened Drop Forged Tool Die and Anvil.

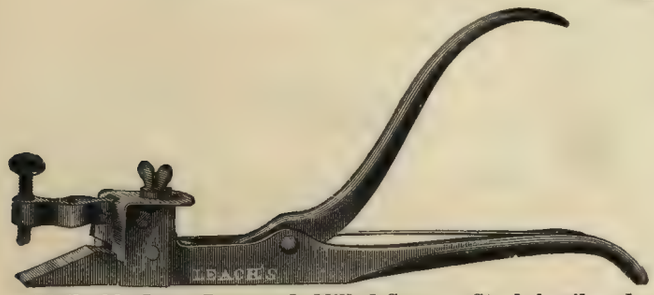
Per Dozen

No. 12—Length 8½ in., for All Kind of Cross Cut, Hand, Wood and Other Small Saws.....**$13.25**

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box.

LEACH'S



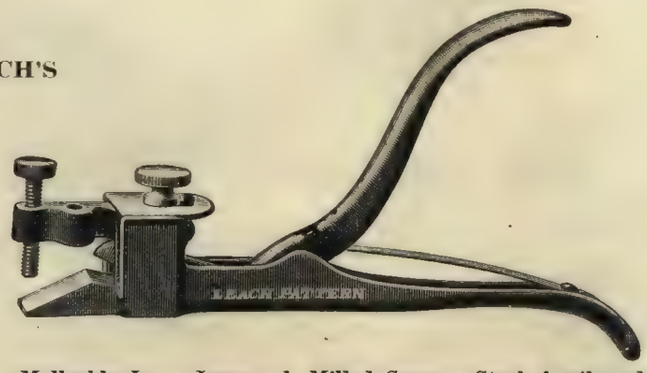
Malleable Iron, Japanned, Milled Screws, Steel Anvil and Saddle.

Per Dozen

No. 01—Length 7 in., for Hand Saws.....**$9.45**

Weight Per Dozen About 7½ Pounds.

One-half Dozen in a Box.



Malleable Iron, Japanned, Milled Screws, Steel Anvil and Saddle.

Per Dozen

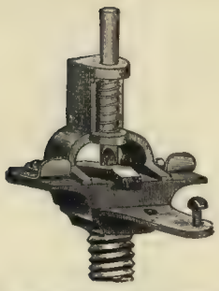
No. 11—Length 12 in., for Cross Cut Saws. **$18.90**

Weight Per Dozen About 19 Pounds.

One-half Dozen in a Box.

Saw Sets.

SMITH'S



Hammer Set, Japanned, Iron Body, Steel Mandrel and Anvil.

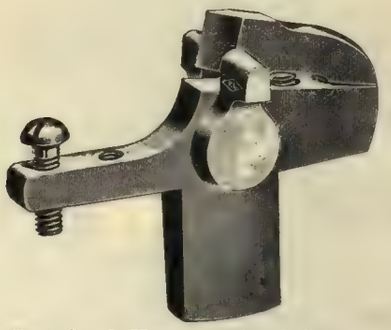
Per Dozen

No. 14—Height Over All 4¾ in., Extreme Width 2¾ in., for Hand Saws.....**$11.65**

Weight Per Dozen About 12 Pounds.

One Dozen in a Box.

AIKENS PATTERN



Cast Steel Hammer, Steel Seat.

Per Dozen

No. 10H—Height Over All 3 in., Length Over All 3¾ in., Extreme Width 1½ in., for Hand Saws **$8.35**

Weight Per Dozen About 6½ Pounds.

One-half Dozen in a Box.

DISSTON'S STAR

Malleable Iron, Japanned, Steel Hammer and Anvil.

Per Dozen

No. 20—Height Over All 5¾ in., Extreme Width 2¼ in., for Hand, Back, Band, Web, Wood and Small Circular Saws not Thicker than 18 Gauge **$13.90**

Weight Per Dozen About 18 Pounds.

One-quarter Dozen in a Box.

WHITING'S

Hammer Set, Forged Steel, Polished Natural Finish Point.

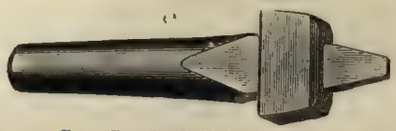
Per Dozen

No. 15—Length 3¼ in., 1x¾ in., Collar, for Cross Cut Saws **$11.10**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

WOODMAN



Hammer Set, Steel, Polished, Natural Finish Point.

Per Dozen

No. 16—Length 3¼ in., 1x¾ in., Collar, for Cross Cut Saws **$7.25**

Weight Per Dozen About 3 Pounds.

Open Stock.

Saw Gummers.

ROMER'S

Steel, Improved Lever.

Each

No. 2—Height 16¼ in., Width 4½ in., Suitable for All Kinds of Cross Cut Saws...**$24.00**

Extra Dies—For Above..... **3.35**

Extra Punches—For Above.... **3.35**

Open Stock.

I. X. L.

Each

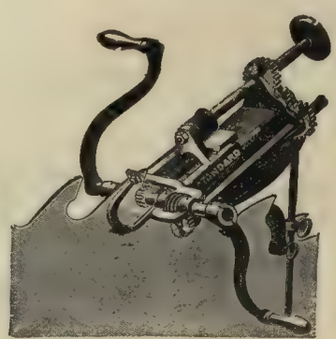
No. 1—I. X. L., Changeable Self-Feed **$20.00**

This Gummer does not have an Automatic Self-Feed, but will do as good as the Standard Gummer. Put up complete with Three Arbors, Two Cranks, Three Solid Cutters, One Cutter Grinder and Wrench.

Weight Each About 28 Pounds.

One in a Box.

STANDARD



Each

No. 0 — Standard, Automatic Changeable Self-Feed **$26.65**

This Gummer will gum any kind of an Upright or Circular Saw, from the smallest to the largest, and will not injure the Saw in any way, or case-harden the teeth. Put up complete with Thre Arbors, Two Cranks, Three Solid Cutters, One Cutter Grinder and Wrench.

Weight Each About 32 Pounds.

One in a Box.

Saw Swages.

DISSTON'S CONQUEROR

Forged Steel Body, Hardened Face, Inserted Crucible Steel Hardened Jaws.

Each

No. 3—Length 2⅞ in., for Small Circular Saws and Narrow Band Saws, not Heavier than 15 Gauge. **$2.65**

Weight Each About ¼ Pound.
One in a Box.

Forged Steel Body, Hardened Face, Inserted Crucible Steel Hardened Jaws.

Each

No. 2—Length 3½ in., for Small Circular and Mill Saws, not Heavier than 10 Gauge..... **$3.40**

Weight Each About ½ Pound.
One in a Box.

Forged Steel Body, Hardened Face, Inserted Crucible Steel Hardened Jaws.

Each

No. 1—Length 5 in., for Large Circular Saws..... **$4.10**

Weight Each About 1¼ Pounds.
One in a Box.

The upper opening in the Swage being rounded on the bottom, takes its bearing on the center of the tooth, spreading and shaping it as shown on section of tooth H. The lower opening (in which section of tooth is inserted) is used for squaring up, and leaves the tooth as shown at G.

Saw Jointers.

Cast Iron Frame, Japanned, Flat File, 4 Adjusting Screws.

Per Dozen

No. 35—Length 4 in., Height 2 in., ⅛x5 in. File, Adjustable to any Thicknes of Saw Blade..... **$8.00**

Weight Per Dozen About 9 Pounds.
One-half Dozen in a Box.

Side Files.

Malleable Iron Frame and Set Screws, Japanned.

Each

No. 40—Length 6¾ in., Width 3¾ in., 4x1½ in. File, for Circular Saws, Weight Per Dozen About 18 Lbs. **$1.35**

No. 42—File Only, Weight Per Dozen About 6 Lbs... .45

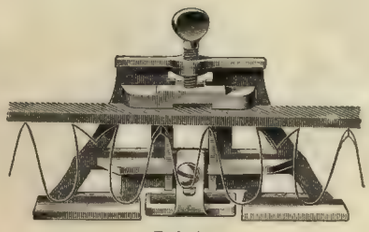
No. 41—Frame Only, Weight Per Dozen About 12 Lbs. **1.12**

Designed for the purpose of evening up the sides of circular saw teeth after setting.
One-twelfth Dozen in a Box.

Saw Tools.

DISSTON'S UNIVERSAL

Set Gauge.



Jointer.

Malleable Iron Frame, Natural Finish, One File Screw, One Adjusting Screw.

Per Dozen Sets

No. 44—Length 4½ in., Height 3 in., Setting Block 7½ in. Long, Tooth Set Gauge, 3¼ in. High, 1¾ in. Wide..... **$9.35**

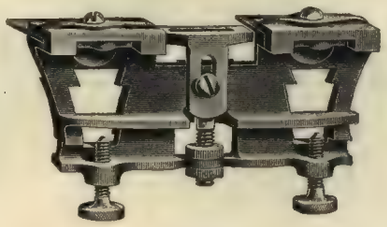
Weight Per Dozen Sets About 15 Pounds.

A Set consists of Jointer, Raker Tooth Gauge, Setting Block and Anvil, Set Gauge and Side Dresser.

One-twelfth Dozen Sets in a Box.

DISSTON'S IMPERIAL

Setting Block.



Jointer.

Malleable Iron Frame, Natural Finish, Two File Screws, One Adjusting Screw, Steel Wearing Parts.

Per Dozen Sets

No. 45—Length 5⅛ in., Height 2¾ in., Setting Block 7½ in. Long, Tooth Set Gauge, 3¼ in. High, 1¾ in. Wide..... **$21.10**

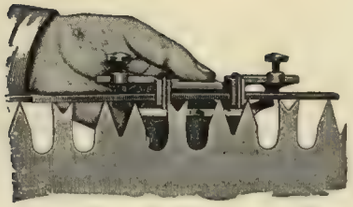
Weight Per Dozen Sets About 21 Pounds.

A Set consists of Jointer, Raker Tooth Gauge, Setting Block or Anvil and Set Gauge.

One-twelfth Dozen Sets in a Box.

Saw Tools.

SIMONDS' CRESCENT



Jointing.

Frame.

Setting Hammer.

Malleable Iron Frame, Natural Finish, Two File Screws. One Adjusting Screw, with Hard Steel Plate to Prevent Saw Teeth Cutting Metal and Thus Altering its Fine Adjustment.

Per Dozen Sets

No. 11—Length 5½ in., Height 2½ in., Setting Block 7 in. Long, Tooth Set Gauge 3½ in. Long, 1½ in. Wide without Setting and Swaging Hammer, Weight Per Dozen Sets About 17 Lbs. **$17.80**

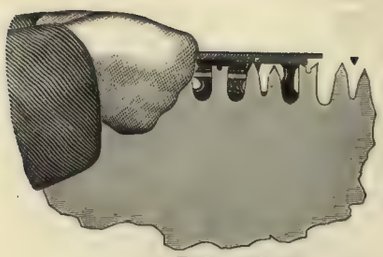
No. 22—Same Description as No. 11, but with Drop Forged Setting and Swaging Hammer, Weight Per Dozen Sets About 22 Lbs. **$25.55**

Quick, Accurate and Rigid Adjustment of Raker Gauge. No chance to dislocate slide when once set in position—a feature not to be found in any other tool on the market. Depth of Raker Teeth can be varied from $\frac{1}{16}$ to 1-1000 of an inch, the slide being held firmly in all positions. Holds Jointing File square with Body of Saw.

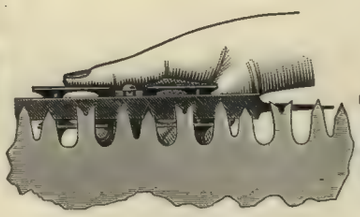
One Set in a Box with Instructions for Use.

ATKINS' DEXTER

Jointer.



Raker Gauge.



Side File.

Cast Iron Frame, Natural Finish, Ground Top Plate.

Per Dozen Sets

No. 55—Length 5⅛ in., Height 2¼ in., a Raker Tooth Gauge, Jointer and Side File Combined in One Tool **$6.10**

Weight Per Dozen Sets About 6 Pounds.

One-half Dozen in a Box.

ATKINS' EXCELSIOR

Jointer.

Jointer.

Setting Block.

Cast Iron Frame, Natural Finish, Ground Top Plate.

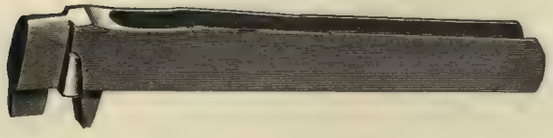
Per Dozen Sets

No. 66—Length 5⅝ in., Height 2¼ in., Setting Block 7⅝ in. Long, Tooth Set Gauge 3¼ in. Long, 1¾ in. Wide **$8.90**

No. 66F—Same as No. 66, but for Fine Tooth and One Man Cross Cut Saws **8.90**

A Set consists of Combined Jointers, Tooth Gauge and Side File, a Setting Block and Set Gauge. Full Instructions for use with each set.

One-twelfth Dozen Sets in a Box.



No. 066.

Extra Setting Blocks.

Channeling Set Blocks, Chilled Iron.

Per Dozen

No. 066—Length 7½ in., for Saw Tools, Weight Per Dozen About 4 Lbs. **$5.00**

One-half Dozen in a Box.

Saw Gauges.

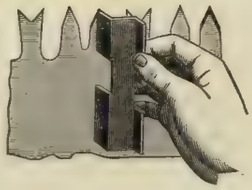
ATKINS'

Malleable Iron, Flanged, Plain Finish.

Per Dozen

No. 1—Single Tooth, Length 5⅛ in., for Gauging Length of Raker or Cleaner Teeth.....$1.45

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.



Malleable Iron, Flanged, Plain Finish.

Per Dozen

No. 2—Double Tooth, Length 5⅛ in., for Gauging Length of Raker or Cleaner Teeth and Set of Teeth $2.00

Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

Cleaner Tooth Gauges.

DISSTON'S

Cast Steel, Plain Finish.

Per Dozen

No. 4—Single Tooth, Length 4⅝ in., for Gauging Raker or Cleaner Teeth.....$0.90

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Set Gauges.

Malleable Iron, with Set Screw, Plain Finish.

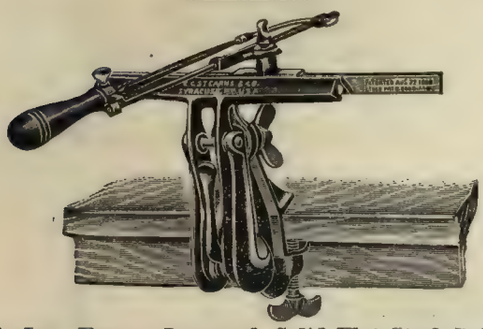
Per Dozen

No. 3—Length 3¼ in., Width 1¾ in.....$2.25

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Saw Filing Guides.

STEARNS'



Malleable Iron Frame, Japanned, Solid Flat Steel Guide Bar, Malleable Iron File Attachment.

Each

No. 6—10½ in. Noiseless Rubber Cushioned Jaw Vise, 16 in. Solid Guide Bar with Handle and File..$3.00

Weight Each About 8¾ Pounds.

The Guide has three rigid positions in which it holds the file; one position for filing the saw on first side, another for filing it on the opposite side, a third for use in filing rip saws only. By means of the Ball and Socket Joint the Guide may be set at either of these positions; when thus set the file is rigidly held at the proper angle and incline for filing, and it is then impossible to file the teeth inaccurately.

One in a Box.

DISSTON'S

Malleable Iron Frame, Japanned, Steel Guide Rod, Malleable Iron File Attachment.

Each

No. D8—12½ in. Plain Face Jaw Vise, 16½ in. Slide, with Handle and File.....$3.90

Weight Each About 20 Pounds.

The Guide has 3 marks on the upper hub of the swivel attachment and one mark on the other. One of the three marks shows when it is in position for first side and the other designates when it is in position for filing other side. The third or center mark shows it in position for filing rip saws.

One in a Box.

STEARNS' OVERHANGING

Malleable Iron, Japanned.

Per Dozen

No. 100—11 in. Jaws, Length Over All 13 in.....$9.35

Weight Per Dozen About 36 Pounds.
One-sixth Dozen in a Box.

Saw Vises.

ATKINS'

All Steel, Japanned.

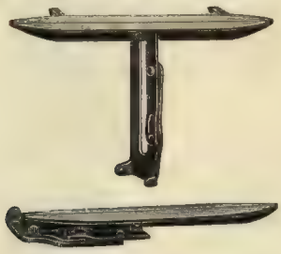
Per Dozen

No. AAA—Extreme Length 12 in., very Compact, Occupies Not Much More Room than a Chisel in a Kit, Easily Attached to Either Board or Bench $16.65

Weight Per Dozen About 12 Pounds.
One-quarter Dozen in a Box.

Saw Vises or Clamps.

BUCKEYE FOLDING



Steel, Japanned.

Per Dozen

No. 75—14 in. Jaws.....**$15.60**

Weight Per Dozen About 24 Pounds.

Can be attached or detached instantly without screwing or clamping by means of Folding Hooks which are driven into the bench or a piece of 2x8 which can be set in a window at desired height.

Open Stock.

DIKEMAN FOLDING

Steel, Japanned and Nickeled.

Per Dozen

No. 77—11½ in. Extreme Width, Rubber Pad underneath the Back Jaw, Folds Up, Requiring Little Space in a Chest or Tool Box.....**$17.80**

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.

STEARNS' FOLDING

T and Channel Steel, Black Japanned, Nickel Plated Trimmings.

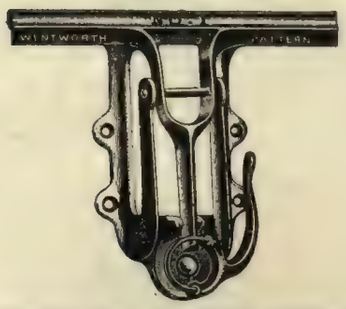
Per Dozen

No. 500—12 in. Extreme Width, Rubber Faced Back Jaw...**$15.60**

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.

WENTWORTH



Malleable Iron, Japanned, Rubber Cushioned Jaws.

Per Dozen

No. 1—11 in. Jaws, Height Over All 9 in., Weight Per Dozen About 48 Lbs.....**$10.70**

No. 2—15 in. Jaws, Height Over 11 in., Weight Per Dozen About 96 Lbs..... **15.60**

Open Stock.

WENTWORTH

Malleable Iron, Japanned, Rubber Cushioned Jaws, Adjustable Clamp.

Per Dozen

No. 3—11 in. Jaws, Height Above Bench 6 in., Height Over All 11½ in. **$13.35**

Weight Per Dozen About 84 Pounds.

Open Stock.

STEARNS'

Malleable Iron, Japanned, Plain Jaws.

Per Dozen

No. 0S—9 in. Jaws, Height Over All 8 in.....**$5.90**

Weight Per Dozen About 48 Pounds.

Open Stock.

STEARNS'

Malleable Iron, Japanned, Plain Jaws, Adjustable Clamp.

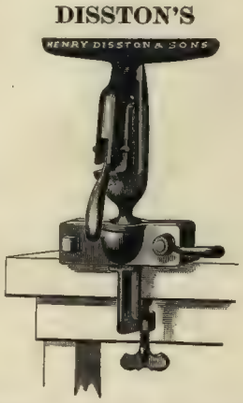
Per Dozen

No. 3S—9 in. Jaws, Height Above Bench 9½ in., Over All 14 in. **$8.90**

Weight Per Dozen About 96 Pounds.

Open Stock.

DISSTON'S



Malleable Iron Frame, Japanned, Plain Jaws, Adjustable Ball and Socket Clamp.

Per Dozen

No. 11—9 in. Jaw, Height Above Bench 9½ in., Height Over All 12½ in.....**$13.35**

Weight Per Dozen About 102 Pounds.

Open Stock.

READING

Malleable Iron Frame, Japanned, Plain Jaws, Adjustable Clamp.

Per Dozen

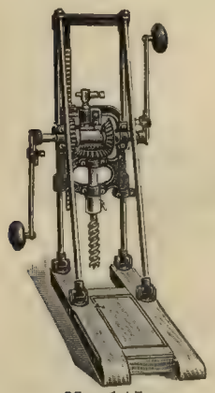
No. 10—9 in. Jaw, Height Above Bench 9 in., Height Over All 14 in. **$9.35**

Weight Per Dozen About 72 Pounds.

Open Stock.

Boring Machines.

MILLERS FALLS



No. 145.

Wood Bottom Board, Steel Upright and Angle Rods, Spindle and Cranks, Adjustable Cranks Regulating Speed and Power.

Without Augers. Each

No. 145—25 in. High, Bores 12 in. **$12.80**

Weight Each, Boxed, About 45 Pounds.

Bores vertically or at any angle from the vertical within an arc of 50°. Depth of hole regulated by stop. Auger removed from hole by pushing a latch and continuing revolution of cranks in same direction as when boring. Frame locked in topmost suspension automatically. Released by pressure upon a thumb latch.

One in a Box.

Steel Base, Upright and Angle Rods, Spindle and Cranks, Adjustable Cranks Regulating Speed and Power.

Without Augers. Each

No. 146—25½ in. High, Bores 12 in. **$14.50**

Weight Each, Boxed, 49 Pounds.

Bores vertically or at any angle from the vertical within an arc of 50°. Depth of hole regulated by adjustable stop. Auger removed from hole by a few backward revolutions of cranks to loosen worm of Bit, pressure with Cranks to the left, automatically engaging a clutch, and forward revolution of the Cranks. Frame locked in topmost suspension automatically, released by pressure upon a thumb latch.

One in a Box.

No. 146

UPRIGHT

No. 20.

Varnished Hardwood Base, Malleable Iron Arch Gears and Crank, Steel Spindle, Chuck and Axle, Upright Firmly Bolted, Graduated Ways.

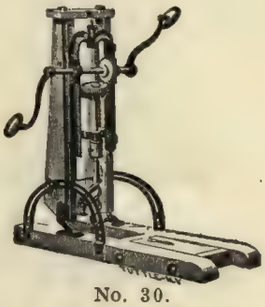
Without Augers. Each

No. 20—25 in. High, Width of Base 7½ in., Length of Base 29 in. **$6.35**

Weight Each, Boxed, 50 Pounds.

One in a Box.

ANGULAR



No. 30.

Varnished Hardwood Base, Malleable Iron Arch, Gears and Crank, Steel Spindle, Chuck and Axle, Uprights Firmly Bolted, Graduated Ways.

Without Augers. Each

No. 30—25 in. High, Width of Base 7½ in., Length of Base 29 in. **$7.00**

Weight Each, Boxed, 55 Pounds.

One in a Box.

PHILLIP'S ANGULAR

Self-Withdrawing, Malleable Iron Adjustable Cranks, Wood Base and Frame, **Furnished for Round or Square Shank Augers.**

Without Augers. Each

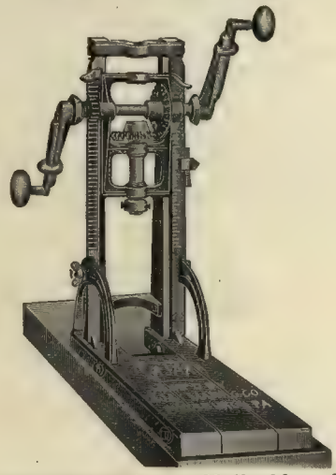
No. 40—26½ in. High, Width of Base 8 in., Length of Base 30 in. **$11.65**

Weight Each, Boxed, About 50 Pounds.

This machine is constructed of good material. The self-withdrawing of the auger while in motion is easy, without stop or jerk, and by once setting the gauge any number of holes can be bored to precisely the same depth.

One in a Box.

AJAX IMPROVED



Self-Withdrawing, Malleable Iron Arch and Crank, Wood Base, Graduated Ways, Will Take Any Style of Auger or Brace Bit, Either Long or Short, Round or Square Shank.

Without Augers. Each

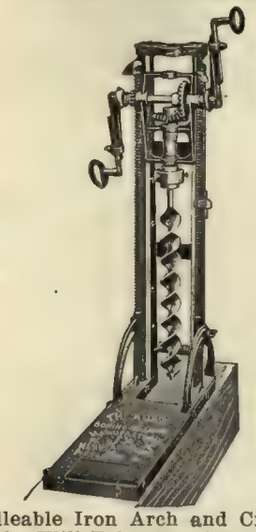
No. 50—22 in. High, Width of Base 7½ in., Length of Base 28 in. **$10.00**

Weight Each, Boxed, About 42 Pounds.

This machine will do all that other Wood Boring Machines do and does not require a special Auger. Can be used upright or at any angle. Can be set to bore any depth of hole and when the required depth is reached, withdraws quickly by same motion (automatically) without stopping. Folds compactly. Has extension arms.

One in a Box.

AJAX SPECIAL



Malleable Iron Arch and Crank, Adjustable, Will Take Any Auger that has a Screw or Spur and of which Shank is not More than 1⅛ in. at Greatest Diameter.

Without Augers. Each

No. 60—32½ in. High, Width of Base 7½ in., Length of Base 28 in. **$17.80**

Weight Each, Boxed, About 60 Pounds.

This machine is designed for work on heavy timbers for bridges and trestle construction and will bore through 20 inches of timber at one operation. To bore through 20 in. timber would require an auger with a twist of about 18 or 19 in. at least and the shank should be 2 in. or over. The length of the entire auger is immaterial as long as the twist is not more than 20 in. long.

One in a Box.

Bit Braces.

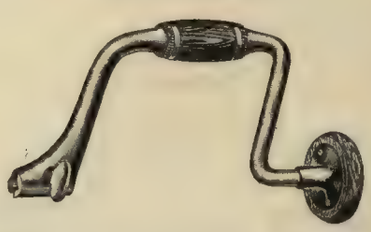
BALL

Polished Rod, Maple Head and Handle, Thumb Screw Bit Fastening.

Nos.	025	030
Sweep, Inches	8½	10
Ap. Weight Per Dozen, Lbs.	9	11
Per Dozen	$3.35	3.35

One-half Dozen in a Box.

SPOFFORD'S

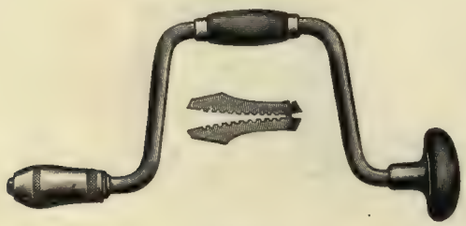


Nickel Plated, Steel Sweep, Cocobolo Wood Head and Handle, Thumb Screw Bit Fastening.

Nos.	107	108	110	112
Sweep, Inches	7	8	10	12
Ap. Weight Per Dozen, Lbs.	15	18	21	24
Per Dozen	$16.80	19.20	21.60	24.00

One-half Dozen in a Box.

STANDARD



Plain.

Polished Steel Rod, Stained Hardwood Head and Handle, Alligator Jaws.

Nos.	208	210	212
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	20	22	25
Per Dozen	$7.25	7.80	8.35

One-half Dozen in a Box.

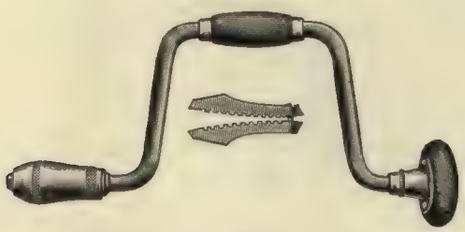
Ratchet.

Polished Steel Rod, Stained Hardwood Head and Handle, Alligator Jaws.

Nos.	220	222
Sweep, Inches	10	12
Ap. Weight Per Dozen, Lbs.	24	26
Per Dozen	$12.25	13.35

One-half Dozen in a Box.

LANCASTER

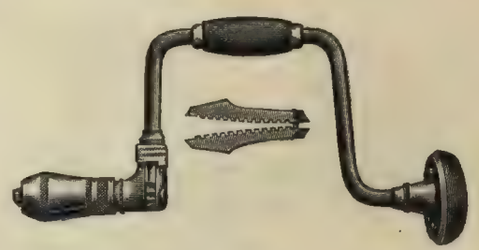


Plain.

Polished Cold Drawn Steel Rod, Cherry Stained Head and Handle, Alligator Jaws.

Nos.	720	722
Sweep, Inches	10	12
Ap. Weight Per Dozen, Lbs.	22	26
Per Dozen	$12.25	13.35

One-half Dozen in a Box.

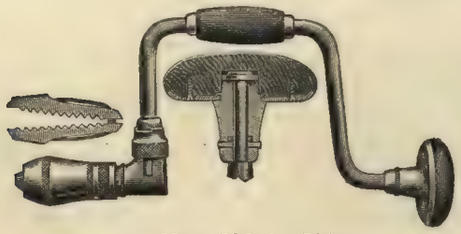


Ratchet.

Nickel Plated Cold Drawn Steel Rod, Cocobolo Metal Clad Head, Cocobolo Handle, Solid Socket Bit Holder, Hardened Steel Alligator Jaws.

Nos.	710	712
Sweep, Inches	10	12
Ap. Weight Per Dozen, Lbs.	26	30
Per Dozen	$20.35	22.25

One-half Dozen in a Box.



Nos. 728 to 732.

RATCHET

Nickel Plated Cold Drawn Steel Rod, Cocobolo Metal Clad Ball Bearing Head, Cocobolo Handle, Solid Steel Chuck, Forged Hardened Steel Alligator Jaws.

Nos.	728	730	732
Sweep, Inches	8	10	12
Approx. Weight Per Dozen, Lbs.	30	33	36
Per Dozen	$30.00	32.25	34.50

One-half Dozen in a Box.

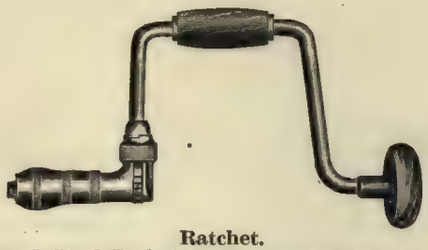
Bit Braces.

FRAY'S

Plain.
Nickel Plated Steel Rod, Black Enameled Head and Handle, Alligator Jaws.

Nos.	508	510	512
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	18	21	24
Per Dozen	$10.55	11.65	12.25

One-half Dozen in a Box.

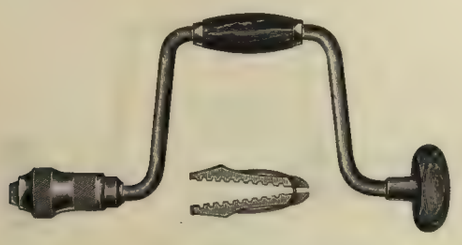


Ratchet.
Nickel Plated Steel Rod, Black Enameled Head and Handle, Alligator Jaws.

Nos.	520	522
Sweep, Inches	10	12
Ap. Weight Per Dozen, Lbs.	24	27
Per Dozen	$20.00	21.10

One-half Dozen in a Box.

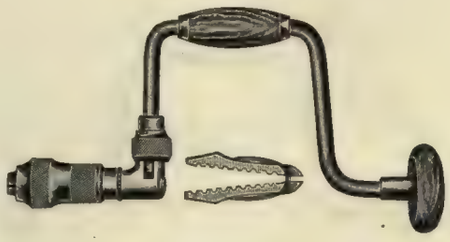
FRAY'S



Plain.
Nickel Plated Steel Rod, Cocobolo Head and Handle, Alligator Jaws.

Nos.	306	308	310	312	314
Sweep, Inches	6	8	10	12	14
Ap. Wt. Per Dozen, Lbs.	18	21	24	27	30
Per Dozen	$16.65	17.80	18.90	20.00	21.65

One-half Dozen in a Box.



Ratchet.
Nickel Plated Steel Rod, Cocobolo Head and Handle, Alligator Jaws.

Nos.	318	320	322
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	26	30	36
Per Dozen	$24.45	27.75	30.00

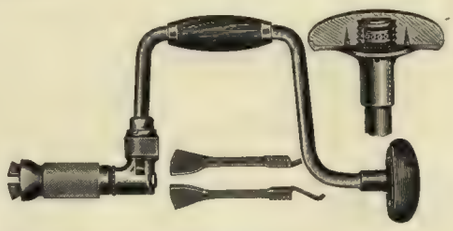
One-half Dozen in a Box.

FRAY'S BALL BEARING

Plain.
Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Hardened Steel Jaws.

Nos.	608	610	612
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	24	27	30
Per Dozen	$25.55	27.75	31.10

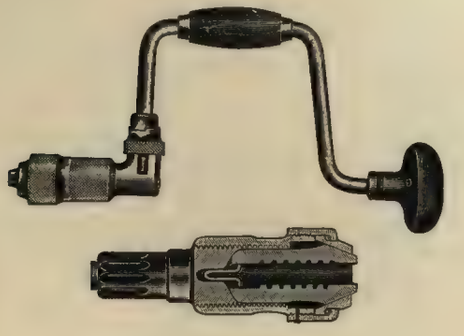
One-half Dozen in a Box.



Ratchet.
Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Hardened Steel Jaws.

Nos.	618	620	622
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	26	30	36
Per Dozen	$31.10	33.35	35.60

One-half Dozen in a Box.



FRAY'S DREADNAUGHT, BALL BEARING

Ratchet.

Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Ball Bearing Wrought Steel Chuck, Hardened Steel Wearing Parts.

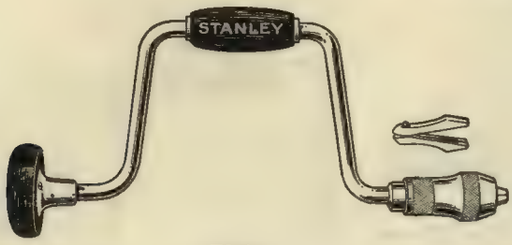
Nos.	6406	6408	6410	6412	6414	6416
Sweep, Inches	6	8	10	12	14	16
Ap. Wt. Per Dozen, Lbs.	20	22	26	29	32	40
Per Dozen	$40.00	40.00	41.85	44.50	47.20	51.65

The capacity of the Dreadnaught Brace is from the smallest tool used in such tools to ½ in. Round, Straight and Taper Twist Drills, also all sizes of Square Shank Drills.

One-sixth Dozen in a Box.

Bit Braces.

STANLEY'S VICTOR

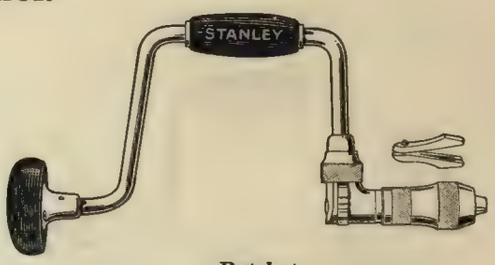


Plain.

Polished Steel Rod, Stained Hardwood Head and Handle, Hardened Steel Jaws.

Nos.	956/8	956/10	956/12
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	20	24	28
Per Dozen	$8.45	9.25	10.00

One-half Dozen in a Box.

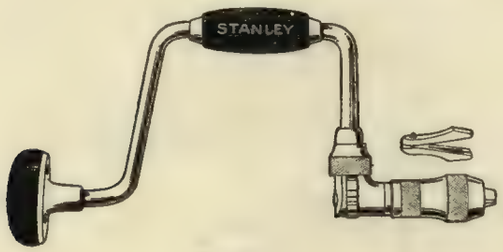


Ratchet.

Nickel Plated Steel Rod, Stained Hardwood Head and Handle, Hardened Steel Jaws.

Nos.	945/8	945/10	945/12
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	26	29	32
Per Dozen	$16.65	17.80	18.35

One-half Dozen in a Box.



No. 943.

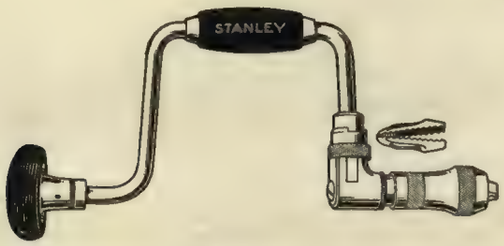
Ratchet.

Nickel Plated Steel Rod, Black Finish Hardwood Head and Handle, Forged Hardened Alligator Steel Jaws.

Nos.	943/8	943/10	943/12
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	26	29	32
Per Dozen	$21.10	21.65	22.75

One-half Dozen in a Box.

STANLEY'S

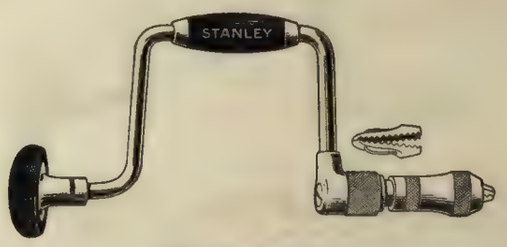


Ratchet.

Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Forged Hardened Steel Alligator Jaws.

Nos.	923/8	923/10	923/12
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	33	36	39
Per Dozen	$30.00	32.75	35.55

One-sixth Dozen in a Box.

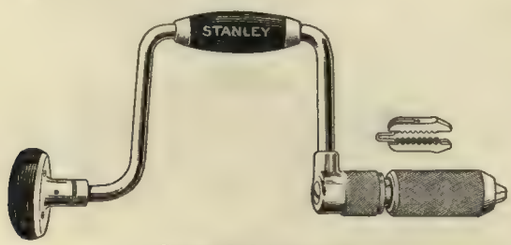


Concealed Ratchet.

Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Forged Hardened Steel Alligator Jaws.

Nos.	921/6	921/8	921/10	921/12	921/14
Sweep, Inches	6	8	10	12	14
Ap. Wt. Doz., Lbs.	32	33	38	40	42
Per Dozen	$33.35	33.35	35.55	37.75	40.00

One-sixth Dozen in a Box.

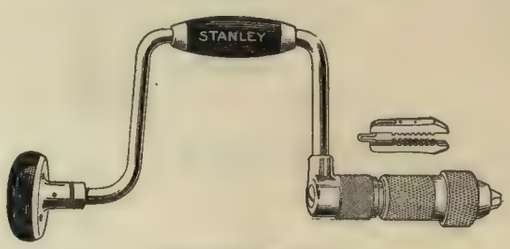


Concealed Ratchet.

Nickel Plated Steel Rod, Cocobolo Ball Bearing Metal Clad Head, Cocobolo Handle, Universal Drop Forged Steel Jaws.

Nos.	901/8	901/10	901/12	901/14	901/16
Sweep, Inches	8	10	12	14	16
Ap. Wt. Doz., Lbs.	34	39	41	43	45
Per Dozen	$40.00	41.85	44.50	47.20	51.65

One-sixth Dozen in a Box.



Concealed Ratchet.

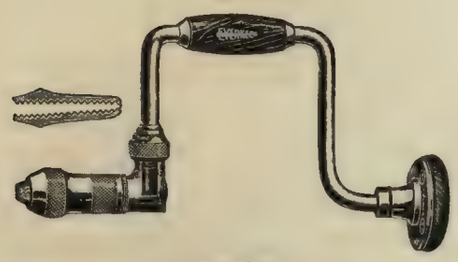
Nickel Plated Steel Rod, Ball Bearing Metal Clad Head and Chuck, Cocobolo Handle, Universal Drop Forged Steel Jaws.

Nos.	811/8	811/10	811/12	811/14	811/16
Sweep, Inches	8	10	12	14	16
Ap. Wt. Doz., Lbs.	35	39	41	42	45
Per Dozen	$41.65	44.85	47.50	50.50	55.20

One-sixth Dozen in a Box.

Bit Braces.

EVERGREEN J.P.H.CO.



Ratchet.

Nickel Plated and Highly Polished Steel Rod, Lignumvitae Steel Clad Ball Bearing Head, Cocobolo Handle, Box Ring Ratchet, Self-Centering Drop Forged Steel Alligator Jaws.

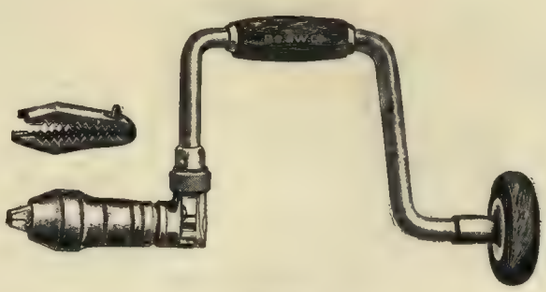
Nos.	E2	E10	E12	E14
Sweep, Inches	8	10	12	12
Ap. Wt. Per Dozen, Lbs.	27	30	33	36
Per Dozen	$30.55	33.90	36.65	39.40

One-sixth Dozen in a Box.

Per Pair

Extra Jaws—For Above **$0.60**

P. S. & W. CO.'S



Ratchet.

Polished Steel Rod, Mahogany Stained Head and Handle, Open Ring Ratchet, Steel Self-Centering Alligator Jaws.

Nos.	3308	3310	3312
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	23	27	28
Per Dozen	$16.65	17.80	18.90

One-half Dozen in a Box.

Per Pair

Extra Jaws—For Above **$0.60**

P. S. & W. CO.'S

Ratchet.

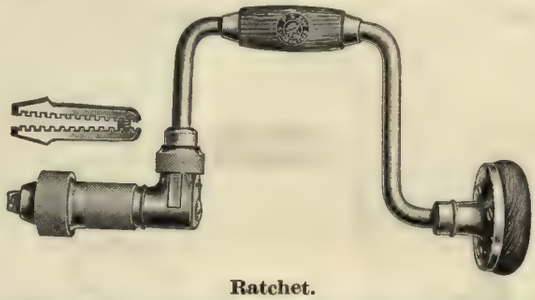
Nickel Plated Steel Rod, Lignumvitae Steel Clad Ball Bearing Head, Cocobolo Handle, Box Ring Ratchet, One Piece Self-Centering Forged Steel Jaws.

Nos.	7006	7008	7010	7012	7014
Sweep, Inches	6	8	10	12	14
Ap. Wt. Dozen, Lbs	29	33	37	41	43
Per Dozen	$33.35	33.35	36.65	38.85	41.65

One-sixth Dozen in a Box.

Per Pair

Extra Jaws—For Above **$0.60**



Ratchet.

Nickel Plated Extra Heavy Steel Rod, Lignumvitae Steel Clad Ball Bearing Head, Cocobolo Handle, Sampson Patent Ball Bearing Chuck, Box Ring Ratchet, Forged Steel Alligator Jaws.

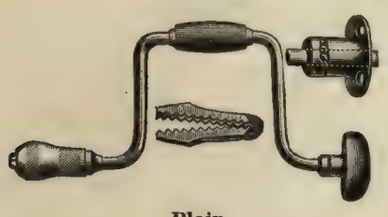
Nos.	8008	8010	8012	8014
Sweep, Inches	8	10	12	14
Ap. Wt. Per Dozen, Lbs.	38	40	43	45
Per Dozen	$39.40	41.10	43.85	46.65

One-sixth Dozen in a Box.

Per Pair

Extra Jaws—For Above **$0.60**

BARBER'S IMPROVED



Plain.

Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Forged Steel Alligator Jaws.

Nos.	14	13	12	11	10
Sweep, Inches	6	8	10	12	14
Ap. Wt. Dozen, Lbs.	22	24½	29¼	31¼	36
Per Dozen	$18.90	21.60	24.35	27.00	29.70

One-half Dozen in a Box.

Per Pair

Extra Jaws—For Above **$0.60**

Ratchet.

Nickel Plated Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Ring Ratchet, Forged Alligator Steel Jaws.

Nos.	33	32	31	30
Sweep, Inches	8	10	12	14
Ap. Wt. Per Dozen, Lbs.	33	37	39	45
Per Dozen	$29.70	32.40	35.05	37.85

One-sixth Dozen in a Box.

Per Pair

Extra Jaws—For Above **$0.60**

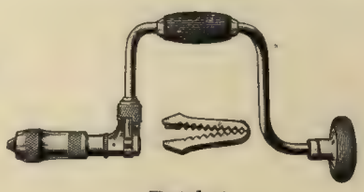
Braces.

Ratchet.
Nickel Plated Steel Rod, Stained Hardwood Head and Handle, Open Ratchet Malleable Iron Alligator Jaws.

Nos.	423	422	421
Sweep, Inches	8	10	12
Ap. Weight Per Dozen, Lbs.	27½	31½	34
Per Dozen	$16.65	17.35	18.00

One-half Dozen in a Box.

BARBER'S IMPROVED

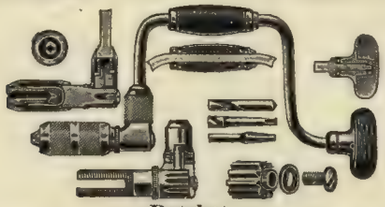


Ratchet.
Nickel Plated and Polished, Steel Rod, Stained Hardwood Ball Bearing Head, Hardwood Handle, Open Ratchet, Forged Steel Alligator Jaws.

Nos.	B 323	B 322	B 321	B 320
Sweep, Inches	8	10	12	14
Ap. Wt. Per Dozen, Lbs.	27½	31½	34	40
Per Dozen	$22.25	23.55	24.90	26.20

One-half Dozen in a Box.

MILLERS FALLS CO.'S MASTER

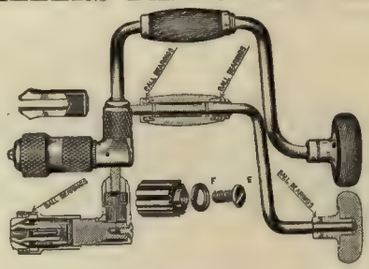


Ratchet.
Nickel Plated and Polished, Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Wood Handle, Covered Ratchet, Steel Jaw Socket, Forged Steel Jaws, Holding Round Shanks ⅛ to ½ in. No. 1 Morse Taper Shank and all Sizes of Bit Stock and Expansion Bit Shanks.

Nos.	833	832	831	830
Sweep, Inches	8	10	12	14
Ap. Wt. Per Dozen, Lbs.	37½	40½	43¼	48¾
Per Dozen	$40.25	43.50	46.85	50.30

One-sixth Dozen in a Box.

MILLERS FALLS CO.'S LION



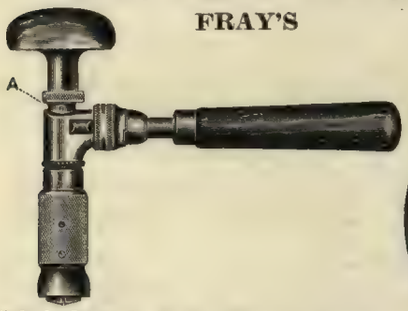
Ratchet.
Nickel Plated and Polished Steel Rod, Cocobolo Ball Bearing Head, Cocobolo Handle, Covered Dust Protected Ratchet Parts, Ball Bearing Chuck with Case Hardened Hood, Forged Steel Jaws, Holding Round Shank from ⅛ to ½ in. Diameter No. 1 Morse Taper, and all Sizes of Bit Stock and Expansion Bit Shanks.

Nos.	873	872	871	870
Sweep, Inches	8	10	12	14
Ap. Wt. Per Dozen, Lbs.	42	45	48	54¼
Per Dozen	$45.50	47.50	49.50	52.10

One-sixth Dozen in a Box.

Corner Ratchet Braces.

FRAY'S

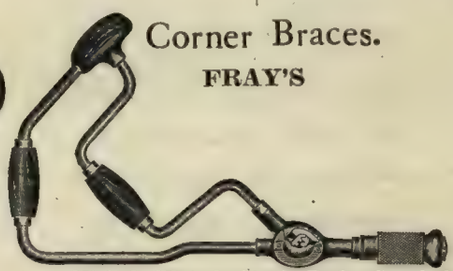


Nickel Plated Steel Shank, Cocobolo Head and Handle, Knurled Chuck, Hardened Steel Jaws, Will Hold Round Shank Drill.
Per Dozen
No. 70—Height Over All 7⅜ in., Length Over All 9¾ in....$35.50
Weight Per Dozen About 28 Pounds
Designed for use in cramped positions. Has Knurled Ring under Head for holding Bit from turning back in starting work.

One-sixth Dozen in a Box.

Corner Braces.

FRAY'S



Nickel Plated Steel Rod, Cocobolo Head and Handles, Wrought Steel Cut Gears, Hardened Steel Jaws, Opening Automatically, Will Hold Round Shank Drills, Covered Gears.

Nos.	C8	C10
Sweep, Inches	8	10
Width, Inches	10¼	11½
Length Over All, In.	18½	18¾
Ap. Wt. Dozen, Lbs.	48	52
Per Dozen	$60.00	66.70

One-sixth Dozen in a Box.

Ratchet Corner Borer.

MILLERS FALLS

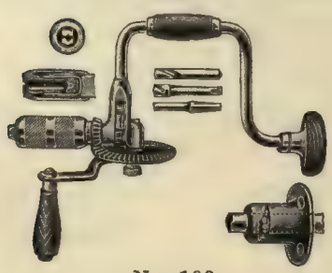
Nickel Plated Metal Parts, Stained Hardwood Handle, Barber Chuck, Alligator Steel Jaws.
Per Dozen
No. 140—Length of Head 5 in., Length Over All 13½ in...$40.00
Weight Per Dozen About 28 Pounds.

Designed to be used in corners between joists and in other unusual places where a brace cannot conveniently be employed. The Long Handle works the tool while the shorter one is designed for steadying it.

One-twelfth Dozen in a Box.

Drill Braces.

MILLERS FALLS



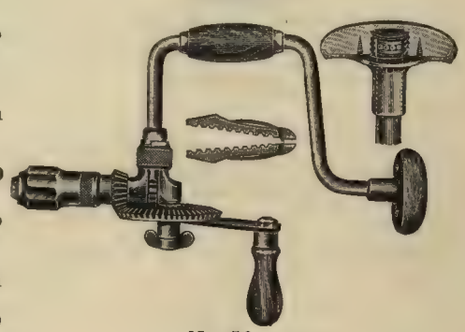
No. 182.

Nickel Plated Steel Rod, Ball Bearing Cocobolo Head, Cocobolo Handles, Covered Ratchet, Master Chuck, Forged Steel Jaws, Will Take Round, Taper or Square Shank Drills. Per Dozen
No. 182—10 in. Sweep, Gear Ratio 3 to 1, Weight Per Dozen About 57 Lbs. $55.60

FRAY'S

Nickel Plated Steel Rod, Ball Bearing Cocobolo Head, Cocobolo Handles, Ratchet, Forged Steel Alligator Jaws, Will Take Round or Square Shank Drills. Per Dozen
No. 50—10 in. Sweep, Weight Per Dozen About 60 Lbs....$53.30
One-twelfth Dozen in a Box.

FRAY'S



No. 50.

Borers.

ANGULAR

Nickel Plated Master Chuck, Japanned Handle, Adjustable Arc, Varying Angle from 180° to 125°.

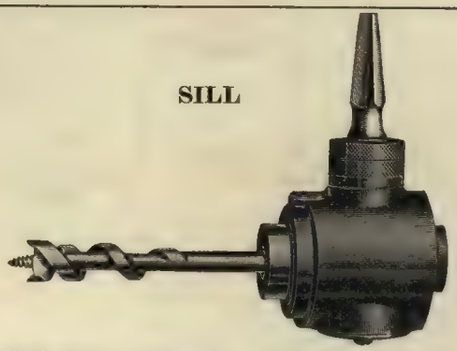
Per Dozen

No. 108—Length (When at 180°) 12½ in., Weight Per Dozen About 26 Lbs. **$33.55**

To be used with a Bit Brace or Breast Drill as an Extension or Angular Borer.

One-twelfth Dozen in a Box.

SILL



Encased Steel Gears, Protecting Same from Dust and Chips, Black Japanned Finish.

Per Dozen

No. 99—5 in. Long Over All, Weight Per Dozen About 18 Lbs. **$36.70**

This tool is for boring with a Brace at right angles in close quarters and will not only be found valuable to electricians and carpenters, but to car builders.

One-twelfth Dozen in a Box.

Sill Borers.

(JOIST TOOL)

No. 51.

Malleable Iron Frame, Hardened Steel Working Parts, Including Gears and Bushings, Ball Bearing Adjustable Handle.

Each

No. 51—Length 16½ in., Depth of Head 2⅜ in., Weight Per Dozen About 34½ Lbs. **$3.35**

For use in connection with a Bit Brace or Breast Drill in boring at right angles in cramped position.

One-twelfth Dozen in a Box.

Malleable Iron Frame, Hardened Steel Working Parts, Including Gears and Bushings, Ball Bearing, Stained Hardwood Steadying Handle in the Form of a Sleeve on Main Frame, Crank to Operate Gears, Provided with Ratchet.

Each

No. 52—Sweep of Crank 12 in., Length 23 in., Depth of Head 2⅜ in., Weight Per Dozen About 57 Lbs. **$4.45**

For use in cramped quarters where it is necessary to bore at a right angle.

One-twelfth Dozen in a Box.

No. 52.

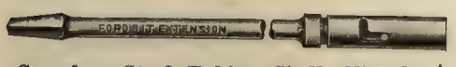
BARBER'S

No. 1—Nickel Plated Steel Master Chuck Holding Round Shank from ⅛ to ½ in. Diameter, Bit Stock, Expansion and Taper Shank.

Length, Inches.....	12	15
Ap. Wt. Dozen, Lbs.	18	20
Per Dozen	$16.80	17.05
Length, Inches.....	18	24
Ap. Wt. Dozen, Lbs.	23	27
Per Dozen	$17.30	17.85

One-twelfth Dozen in a Box.

FORD'S



Seamless Steel Tubing Shell, Nickel Plated.

No. 10—Follows a ⅝ in. Auger Bit.

Inches	12	15	18
Ap. Wt. Doz., Lbs.	9	10	11
Per Dozen.....	$20.00	20.00	22.00
Inches	21	24	30
Ap. Wt. Doz., Lbs.	12	14	16
Per Dozen.....	$22.00	23.30	26.65

No. 11—Electricians', Will Follow an 11/16 in. Bit.

Inches	12	15	18
Ap. Wt. Doz., Lbs.	11	12	14
Per Dozen.....	$22.25	22.25	24.25
Inches	21	24	30
Ap. Wt. Doz., Lbs.	16	18	21
Per Dozen.....	$24.25	25.60	28.90

One-twelfth Dozen in a Box.

Extension Bit Holders.

MILLERS FALLS CO.'S

No. 5—Nickel Plated Steel, 4 Steel Jaws Made in One Piece, Will Follow Bits ⅝ in. Diameter and Larger into their Bores.

Length, Inches..	12	15	18
Ap. Wt. Doz., Lbs.	7	8	9
Per Dozen.....	$20.00	20.35	20.55
Length, Inches..	21	24	30
Ap. Wt. Doz., Lbs.	10	11	13
Per Dozen.....	$20.75	21.15	21.65

One-twelfth Dozen in a Box.

FRAY'S

No. 3—Nickel Plated, Drawn Steel Tubing Sleeves, Forged Steel Jaws, Will Follow a ⅝ in. Extension Bit.

Length, Inches..	12	16	20
Ap. Wt. Doz., Lbs.	7½	10	12
Per Dozen.....	$20.00	20.00	20.00

One-third Dozen in a Box.

MILLERS FALLS CO.'S TELESCOPE

Nickel Plated Steel, Outer Sleeve Telescoping Over and Engaging at 1½ in. Intervals Upon Inner Spindle, 4 Steel Jaws Made in One Piece.

Per Dozen

No. 6—Length Collapsed 16½ in., Extended to the Extreme 24 in. **$32.25**

Weight Per Dozen About 13½ Pounds.

One-twelfth Dozen in a Box.

BULLOCK'S IMPROVED

No. 55—Nickel Plated Steel, Slotted Sleeve, Will Follow ⅝ in. Bit.

Length, Inches..	12	16	18
Ap. Wt. Doz., Lbs.	6	7	8
Per Dozen.....	$20.00	20.00	20.00
Length, Inches..		21	24
Ap. Wt. Doz., Lbs.		10	12
Per Dozen.....		$20.00	20.00

One-twelfth Dozen in a Box.

Hand Drills.

MILLERS FALLS

Black Enameled Frame, Nickel Plated Chuck.

Per Dozen

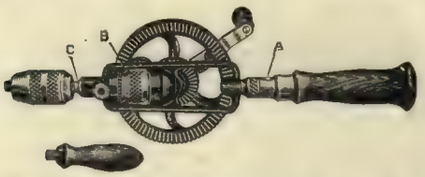
No. 1—12½ in. Long, Malleable Iron Frame, Cut Gears, Adjustable Equalizing Bearing, Ball Thrust Bearing, Hollow End Cocobolo Handle, with Screw Cap, Containing 8 Drill Points, Removable Side Handle, Three Jawed Chuck, Holds 0 to 1/8 in. Round Shank Drills.....**$26.60**

Weight Per Dozen About 20 Pounds.

One-twelfth Dozen in a Box.

Per Set

Extra Drill Points—For No. 1, in Set of 8.....**$0.70**



Two Speed, Gear Ratio 1½ to 1 and 4 to 1, Black Enameled Frame, Large Gear Painted French Gray with Red Stripe, Nickel Plated Chuck.

Per Dozen

No. 98—15¼ in. Long, Malleable Iron Frame, Cut Gears with Adjustable Friction Roll to Equalize Bearings, Ball Thrust Bearings, Hollow End Stained Hardwood Handle with Receptacle for Holding Twist Drills Detached by Loosening a Knurled Nut and Pressing on Plunger (at A), Handle Shaped so Tool may be used as a Breast Drill, Removable Side Handle, Star Pattern 3 Jaw Chuck, Holds 0 to ⅜ in. Diameter Round Shank Drills **$51.85**

Weight Per Dozen About 37½ Pounds.

One-twelfth Dozen in a Box.

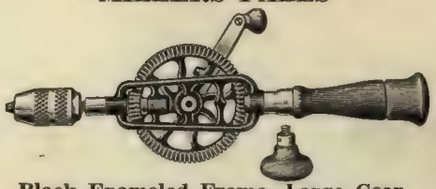
RATCHET, Nickel Plated Frame, Large Gear Painted Machine Gray with Red Trimmings, Nickel Plated Chuck.

Per Dozen

No. 306—12½ in. Long with Handle, 8 in. Long without Handle, Solid Steel Frame, Cut Gears with Small Steel Working Gear and Steel Idler Gear to Equalize Bearings, both Gears Enclosed, Ball Thrust Bearings, Hollow End Detachable Handle with Receptacle to Hold Drills Up to Capacity of Chuck, Star Pattern 3 Jaw Chuck, Hold 0 to ⅜ in. Diameter Round Shank Drills.**$49.55**

Weight Per Dozen About 19½ Pounds.

One-twelfth Dozen in a Box.



Black Enameled Frame, Large Gear, Painted Red, Nickel Plated Chuck.

Per Dozen

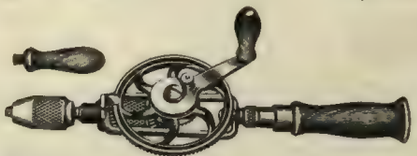
No. 2—14½ in. Long, Malleable Iron Frame, Cut Gears, Adjustable Friction Roll to Equalize Bearings, Ball Thrust Bearing, Hollow End Cocobolo Handle, with Screw Cap, Shaped so Tool may be used as a Breast Drill, Containing 8 Drill Points, Removable Side Handle, Star Pattern 3 Jaw Chuck, Holds 0 to ⅜ in. Round Shank Drills....**$51.00**

Weight Per Dozen About 29 Pounds.

One-half Dozen in a Box.

Per Set

Extra Drill Points—For No. 2, in Set of 8.....**$0.70**



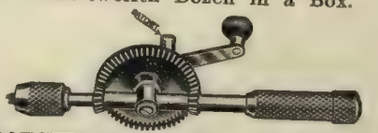
Ratchet, Two Speed, Gear Ratio 1½ to 1 and 4 to 1, Black Enameled Frame, Large Gear Painted Machine Gray with Red Stripe, Nickel Plated Chuck.

Per Dozen

No. 198—15¾ in. Long, Malleable Iron Frame, Cut Gears, with Adjustable Friction Roll to Equalize Bearings, Ball Thrust Bearings, Hollow End Stained Hardwood Handle with Receptacle for Holding Twist Drills, Detached by Loosening a Knurled Check Nut and Pressing on a Plunger Handle Shaped so Tool may be used as a Breast Drill, Removable Side Handle, Star Pattern 3 Jaw Chuck, Holds 0 to ⅜ in. Diameter Round Shank Drills **$62.20**

Weight Per Dozen About 39 Pounds.

One-twelfth Dozen in a Box.



RATCHET, Nickel Plated Frame, Large Gear Enameled Black with Red Stripe, Nickel Plated Chuck.

Each

No. 353—11 in. Long, Solid Steel Frame, Cut Gears, Steel Pinion, Hollow End, Handsomely Knurled Handle with Removable Screw Tap, Enameled Hardwood Crank Handle, Three Jaw Chuck, Holding Round Shank Drills from 0 to 1/8 in. **$37.75**

Weight Per Dozen About 21 Pounds.

One-twelfth Dozen in a Box.

Double Geared, Black Enameled Frame, Large Gear Painted Red, Nickel Plated Chuck.

Per Dozen

No. 5—12½ in. Long, Malleable Iron Frame, Cut Gears, Large Gear with Wide Rim to be Grasped Between Thumb and Fingers when delicate work is being done with Idler Gear to Equalize Bearings, Ball Thrust Bearings, Hollow End Cocobolo Handle with Screw Cap, Containing 8 Drill Points, Removable Side Handle Three Jawed Chuck, Holds 0 to 1/8 in. Round Shank Drills **$30.60**

Weight Per Dozen About 22 Pounds.

One-twelfth Dozen in a Box.

Per Set

Extra Drill Points—For No. 5, in Set of 8..... **$0.70**

Black Enameled Gear, Nickel Plated Metal Parts.

Per Dozen

No. 313—11¼ in. Long, Solid Steel Frame, Cut Gears with Idler Gear to Equalize Bearings, Stained Hardwood Handle, Three Jaw Chuck Holding 0 to 1/8 in. Diameter Round Shank Drills **$23.90**

Weight Per Dozen About 18 Pounds.

One-twelfth Dozen in a Box.

GOODELL'S

Two Speed, Japanned Frame, Nickel Plated Chuck.

Per Dozen

No. 5½—14½ in. Long, Malleable Iron Frame, Cut Gears, Ball Bearing Spindle. Cocobolo Handle with Screw Cap, 3 Jaw Chuck, Hardened Jaws, Holds 0 to ⅜ in. Straight Shank Drills..**$55.60**

Weight Per Dozen About 32 Pounds.

One-twelfth Dozen in a Box.

Hand Drills.

YANKEE

Plain, SINGLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 1430—Extreme Length 10½ in., Malleable Iron Frame, Cut Gears, Large Gear 3⅛ in., Small Gear ⅛ in. Diameter, Steel Spindle, Hardened Steel Bearings in Lower End of Frame, 4x1½ in. Detachable Polished Hardwood Handle, with Hollow Interior to be used as a Magazine for Drills, Three Jaw Malleable Iron Chuck, Tool Steel Jaws, Holds Only Round Shank Drills Up to 1/4 in. Diameter **$2.80**

Weight Each About 1¼ Pounds.

One in a Box.

Plain, DOUBLE SPEED, Dead Black Finish, Nickel Plated Steel Chuck.

Each

No. 1445—Extreme Length 15 in., Malleable Iron Frame, Cut Gears, Large Gear 4 in., Small Gear 1⅝ in., Gear on Spindle 1¼ in. Diameter, Steel Spindle, Adjustable Ball Bearings, 4½x2½ in. Detachable Polished Hardwood Handle, with Hollow Interior to be used as a Magazine for Drills, Detachable Side Handle with Screw Driver Bit to Adjust Screws, Three Jaw Malleable Iron Chuck Tool Steel Jaws, Holds Only Round Shank Drills Up to ⅜ in. Diameter..... **$4.80**

Weight Each About 3½ Pounds.

One in a Box.

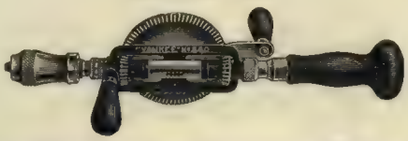
With Right and Left Hand and Continuous Ratchet Movement, SINGLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 1530—Extreme Length 10½ in., Malleable Iron Frame, Cut Gears, Large Gear 3 in., Small Gear ⅞ in. Diameter, Steel Spindle, Hardwood Steel Bearing in Lower End of Frame, 4x1½ in. Detachable Polished Hardwood Handle with Hollow Interior to be used as a Magazine for Drills, Three Jaw Steel Chuck, Tool Steel Jaws, Holds Only Round Shank Drills Up to 1/4 in. Diameter..... **$4.20**

Weight Each About 1¼ Pounds.

One in a Box.



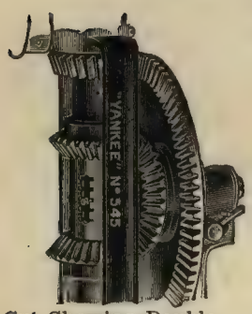
With Right and Left Hand and Continuous Ratchet Movement, SINGLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

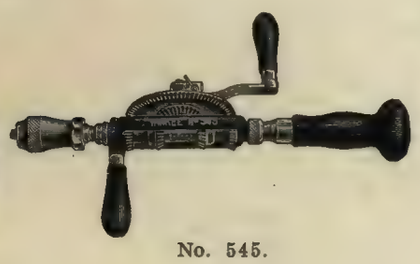
No. 540—Extreme Length 16½ in., Malleable Iron Frame, Cut Gears, Large Gear 4½ in., Small Gear 1½ in. Diameter, Steel Spindle, Adjustable Ball Bearing, 4½x2½ in. Detachable Polished Hardwood Handle, with Hollow Interior to be used as a Magazine for Drills, Detachable Side Handle with Screw Driver Bit, Two Jaw Malleable Chuck, Drop Forged Steel Jaws, Holds Either Round or Square Shank Drills Up to ⅜ in..... **$6.90**

Weight Each About 3½ Pounds.

One in a Box.



Cut Showing Double Gears.



No. 545.

With Right and Left Hand and Continuous Ratchet Movement, DOUBLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 545—Extreme Length 16½ in., Malleable Iron Frame, Cut Gears, Large Gear 4½ in., Small Gear 1½ in. Diameter, Steel Spindle, Adjustable Ball Bearing, 4½x2½ in. Detachable Polished Hardwood Handle with Hollow Interior to be used as a Magazine for Drills, Detachable Side Handle with Screw Driver Bit, Two Jaw Malleable Iron Chuck, Drop Forged Steel Jaws, Holds Either Round or Square Shank Drills Up to ⅜ in..... **$8.00**

Weight Each About 3½ Pounds.

One in a Box.

Breast Drills.

YANKEE

Plain, DOUBLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 1455—Extreme Length 16½ in., Malleable Iron Body, Bright Solid Steel Rod, Cut Gears, Large Gear 5 in., Small Gear 1⅞ in., Gear on Sindle 1½ in., Steel Spindle, Adjustable Ball Bearings, Adjustable Breast Plate with Polished Face, Detachable Side Handle with Screw Driver Bit, Three Jaw Malleable Chuck, Tool Steel Jaws, Hold Only Round Shank Drills Up to ½ in..... **$5.60**

Weight Each About 5½ Pounds.

One in a Box.

With Right and Left Hand and Continuous Ratchet Movement, SINGLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 550—Extreme Length 18 in., Malleable Iron Frame, Cut Gears, Large Gear 5¼ in., Small Gear 1⅞ in. Diameter, Steel Spindle, Adjustable Ball Bearings, Adjustable Breast Plate with Polished Face, Detachable Side Handle with Screw Driver Bit, Two Jaw Malleable Chuck, Drop Forged Steel Jaws, Holds Either Round or Square Shank Drills Up to ½ in..... **$8.55**

Weight Each About 5¾ Pounds.

One in a Box.

Breast Drills.

YANKEE

With Right and Left Hand and Continuous Ratchet Movement, DOUBLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 555—Extreme Length 18 in., Malleable Iron Frame, Cut Gears, Large Gear 5¼ in., Small Gear 1⅞ in. Diameter, Steel Spindle, Adjustable Ball Bearings, Adjustable Breast Plate with Polished Face, Detachable Side Handle with Screw Driver Bit, Two Jaw Malleable Iron Chuck, Drop Forged Steel Jaws, Holds Up to ½ in. **$9.00**

Weight Each About 6⅞ Pounds.

One in a Box.

With Right and Left Hand and Continuous Ratchet Movement, DOUBLE SPEED, Dead Black Finish, Nickel Plated Chuck.

Each

No. 1555—Extreme Length 17 in., Malleable Iron Frame, Cut Gears, Large Gear 5¼ in., Small Gear 1⅞ in. Diameter, Steel Spindle, Adjustable Ball Bearings, Adjustable Breast Plate with Polished Face, Detachable Side Handle with Screw Driver Bit, Three Jaw Steel Chuck, Tool Steel Jaws, Holds Only Round Shank Drills Up to ½ in..... **$9.00**

Weight Each About 6¾ Pounds.

One in a Box.

The peculiar feature of the Yankee Hand and Breast Drills is found in the shifter on Cylinder between the small Gears. With Slide in **First** Notch, it is a Plain Drill; in **Second**, a Left Hand Ratchet; in **Third**, a Right Hand Ratchet; in **Fourth**, a Double Ratchet where any movement of the crank forward or backward causes the drill to cut continuously, a time saver and convenience when working in corners where crank cannot be turned. In **Fifth**, Gearing, Etc., is locked to open or close chuck.

The Side Handle can be unscrewed and has on it a screw driver bit to take care of all the screws on the tool. The end of the shell of chuck is so constructed that it permits the use of a monkey wrench for tightening large drills, instead of the common practice of holding the chuck shell in vise.

FRAY'S

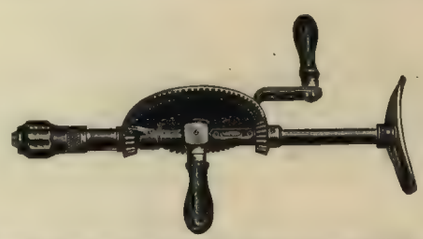
Changeable Speed, Japanned Frame, Breast Plate and Large Gear, Polished Chuck.

Each

No. 9—Extreme Length 16 in., Malleable Iron Frame, Bright Steel Shank, Cut Gears, Large Gear 5 in., Small Gear 2 in. Diameter, Ball Bearing Thrust, Black Walnut Handles, Patent Locking Device, Barber Style Chuck, Steel Alligator Jaws to take both Round and Square Shank Drills **$4.00**

Weight Each About 5½ Pounds.

One in a Box.



Double Geared, Large Gear Red, Nickel Plated Bar and Chuck, With Level.

Each

No. 15—Extreme Length 15½ in., Wrought Steel Frame, Cut Gears, Large Gear 5½ in., Ball Bearing Socket Spindle Step, Socket Locking Device, Brace Chuck, Hardened Forged Steel Alligator Jaws **$7.10**

Weight Each About 4 Pounds.

One in a Box.

MILLERS FALLS CO.'S

Changeable Speed from Even to 3 to 1, Large Gear Painted Black with Gilt Stripe, Breast Plate Painted Red, Nickel Plated Bar and Chuck, with Patent Level Attachment.

Per Dozen

No. 10—Extreme Length 17 in., Solid Steel Frame, Cut Gears, Large Gear 5 in. Diameter, Ball Thrust Bearings, Adjustable Breast Plate, Extension Crank with Radius from 5½ to 7 in., Cocobolo Handles, Master Chuck Holding Round Shanks from ⅛ to ½ in. Diameter, Bit Stock and No. 1 Taper Shanks..... **$61.15**

Weight Per Dozen About 78 Pounds.

One-half Dozen in a Box.

Changeable Speed from Even to 3 to 1, Black Enameled Frame, Large Gear and Breast Plate Painted Red, Nickel Plated Chuck, with Level Attachment.

Per Dozen

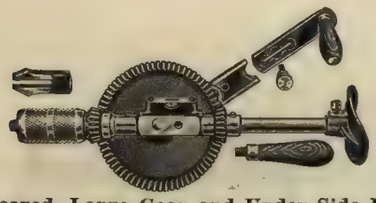
No. 12—Extreme Length 17½ in., Malleable Iron Frame, Cut Gears, Large Gear 5 in. Diameter, with Idler Roll to Equalize Bearings, Ball Bearings, Adjustable Breast Plate, Extension Crank with Radius from 4 to 6 in., Cocobolo Handles, Master Chuck Holding Round Shanks from ⅛ to ½ in. Diameter, Bit Stock and No. 1 Taper Shanks..... **$51.00**

Weight Per Dozen About 79 Pounds.

One-twelfth Dozen in a Box.

Breast Drills.

MILLERS FALLS



Double Geared, Large Gear and Under Side Breast Plate Painted Red, Nickel Plated Bar and Chuck with Patent Level Attachment.

Per Dozen

No. 13—Extreme Length 15 in., Solid Steel Main Stock, Cut Gears, Large Gear 5½ in. Diameter, Ball Thrust Bearings, Adjustable Breast Plate, Extension Crank with Radius from 5½ to 7 in., Cocobolo Handles, Master Chuck Holding Round Shanks from ⅛ to ½ in. Diameter, Bit Stock and No. 1 Taper Shanks..**$71.35**

Weight Per Dozen About 79 Pounds.

One-twelfth Dozen in a Box.

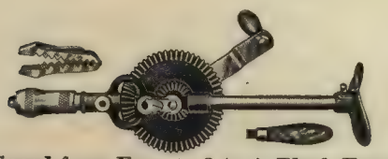
Changeable Speed from Even to 3 to 1, Black Enameled Main Stock, Large Gear Painted Green, Nickel Plated Chuck with Patent Level Attachment.

Per Dozen

No. 118—Extreme Length 19 in., Malleable Iron Main Stock, Cut Gears, Large Gear 5 in. Diameter, with Idler Roll to Equalize Bearings, Ball Thrust Bearings, Adjustable Breast Plate, Extension Crank with Radius from 4 to 6 in., Cocobolo Handles, Three Jaw Star Pattern Chuck, Holding 0 to ½ in. Round Shank Drills **$61.15**

Weight Per Dozen About 81 Pounds.

One-twelfth Dozen in a Box.



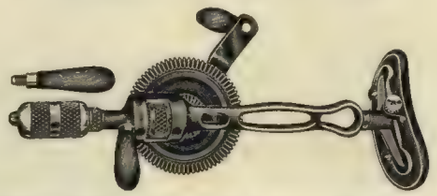
Changeable Speed from Even to 3 to 1, Black Enameled Frame and Breast Plate, Large Gear Painted Red, Polished Chuck.

Per Dozen

No. 19—Extreme Length 18 in., Cast Iron Frame and Breast Plate, Rolled Steel Main Stock, Cut Gears, Large Gear 5 in. Diameter, Ball Thrust Bearings, Adjustable Breast Plate, Adjustable Crank with Radius of 4 to 7 in., Stained Hardwood Handles, Barber Improved Chuck with Alligator Jaws, Holding Bit Stock and Many Sizes of Round Shanks.....**$35.65**

Weight Per Dozen About 74 Pounds.

One-twelfth Dozen in a Box.



Changeable Speed from Even to 3 to 1, Black Frame, Dark Gray Gear and Breast Plate, Red Trimmings, Nickel Plated Chuck.

Per Dozen

No. 99—Extreme Length 18 in., Malleable Iron Frame, Cut Gears, Large Gear 5 in. Diameter, Small Gear Made of Steel, Ball Thrust Bearing, Adjustable Breast Plate, with Auxiliary Plate, Stained Hardwood Handles, Master Pattern Chuck, Holding Round Shanks from ⅛ to ½ in. Diameter, Bit Stock and No. 1 Morse Taper Shanks.....**$56.10**

Weight Per Dozen About 83 Pounds.

One-twelfth Dozen in a Box.

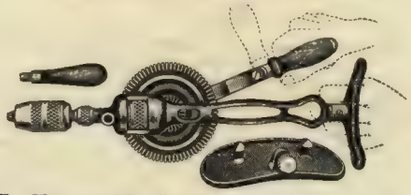
Changeable Speed from Even to 2¾ to 1, Black Frame, Dark Gray Large Gear and Breast Plate with Red Trimmings, Nickel Plated Chuck.

Per Dozen

No. 85—Extreme Length 17 in., Malleable Iron Frame, Cut Gears, Large Gear 5 in. Diameter, Small Gears of Steel, Ball Thrust Bearings, Adjustable Breast Plate with Auxiliary Plate, Stained Hardwood Handles, Master Pattern Chuck, Holding Round Shanks from ⅛ to ½ in. Diameter, Bit Stock and No. 1 Taper Shanks **$67.75**

Weight Per Dozen About 83 Pounds.

One-twelfth Dozen in a Box.



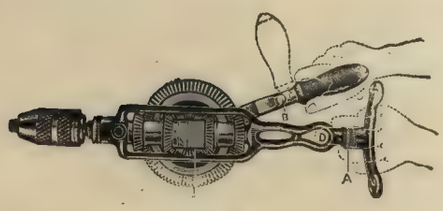
RATCHET, Changeable Speed from Even to 3 to 1, Black Frame, Dark Gray Large Gear and Breast Plate, with Red Trimmings, Nickel Plated Chuck.

Per Dozen

No. 200—Extreme Length 18 in., Malleable Iron Frame, Cut Gears, Large Gear 5 in. Diameter, Small Gears of Steel, Ball Thrust Bearings, Adjustable Breast Plate with Auxiliary Plate, Adjustable Crank Handle (Adjusts to 2 Positions), Stained Hardwood Handles, 3 Jaw Star Pattern Chuck, Holding Round Shanks from 0 to ½ in. in Diameter.....**$80.00**

Weight Per Dozen About 85 Pounds.

One-twelfth Dozen in a Box.



No. 97.

With Right and Left Hand and Continuous Right and Left Hand Ratchet Movement, Double Geared, Changeable Speed from Even to 2¾x1, Black Frame, Dark Gray Large Gear and Breast Plate with Red Trimmings, Nickel Plated Chuck.

Per Dozen

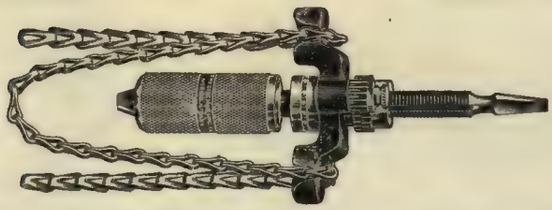
No. 97—Extreme Length 17½ in., Malleable Iron Frame, Cut Gears, Large Gear 5 in. Diameter, Small Gears of Steel, Ball Thrust Bearings, Adjustable Breast Plate with Auxiliary Plate, Adjustable Crank Handle (Adjusts to 2 Positions), Stained Hardwood Handles, Three Jaw Star Pattern Chuck Holding Only Round Shanks from 0 to ½ in. Diameter.....**$126.65**

Weight Per Dozen About 99 Pounds.

One-twelfth Dozen in a Box.

Chain Drilling Attachments.

DIKEMAN



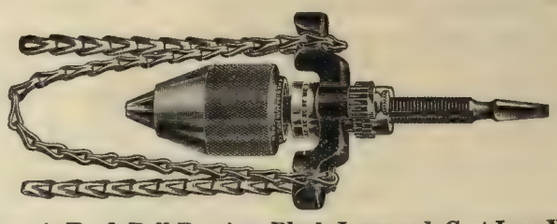
Automatic Feed, Ball Bearing, Black Japanned, Cast Iron Yoke, Nickel Plated Steel Chuck, Bright Steel Chain.

Per Dozen

No. 94—Length 9¼ in., Fitted with 2 Jawed Chuck for Holding Bit Stock Drills.....**$53.30**

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.



Automatic Feed, Ball Bearing, Black Japanned, Cast Iron Yoke, Nickel Plated Steel Chuck, Bright Steel Chain.

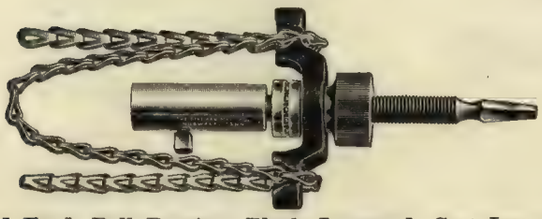
Per Dozen

No. 95—Length 9 in., Fitted with 3 Jawed Chuck for Holding Round Shank Drills from 0 to ½ in.**$73.25**

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.

RELIABLE



Hand Feed, Ball Bearing, Black Japanned, Cast Iron Yoke, Polished Chuck, Bright Steel Chain.

Per Dozen

No. 90—Length 8½ in., Fitted with Set Screw, Chuck to Hold Drills with ½ in. Round Shank **$16.65**

No. 90½—Length 8 in., Fitted with Square Hole Chuck to Hold Bit Stock Drills..... **16.65**

Weight Per Dozen About 24 Pounds.

One-twelfth Dozen in a Box.

Hand Feed, Ball Bearing, Black Japanned, Cast Iron Yoke, Nickel Plated Chuck, Bright Steel Chain.

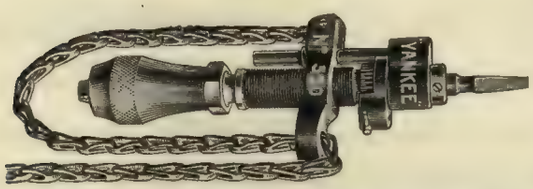
Per Dozen

No. 91—Length 9¼ in., Fitted with 2 Jawed Chuck having Parallel Opening to Hold Bit Stock Drills **$28.85**

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.

YANKEE



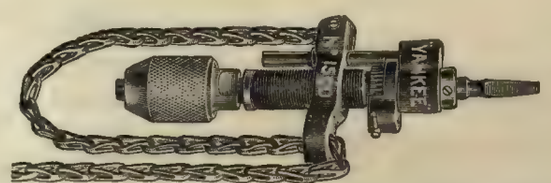
Automatic Feed, Ball Bearing, Steel Feed Screw, Black Japanned, Malleable Yoke, Nickel Plated Chuck, Bright Steel Chain.

Per Dozen

No. 500—Length 10¾ in., Fitted with 2 Jaw Malleable Iron Chuck, 3⅛ in. Long, Drop Forged Steel Alligator Jaws, Hold Square Shank Drills Up to ½ in.....**$53.30**

Weight Per Dozen About 42 Pounds.

One-twelfth Dozen in a Box.



Automatic Feed, Ball Bearing, Steel Feed Screw, Black Japanned, Malleable Yoke, Nickel Plated Chuck, Bright Steel Chain.

Per Dozen

No. 1500—Length 9¾ in., Fitted with 3 Jaw Malleable Iron Chuck, 2¾ in. Long, Tool Steel Jaws, Hold Only Round Shank Drills Up to ½ in.**$53.30**

Weight Per Dozen About 39 Pounds.

One-twelfth Dozen in a Box.

Lightning Braces.

REID'S

Polished Steel Spiral Rod, Nickel Plated Cylinder, Lignum Vitae Head and Handle.

Per Dozen

No. 2—12 in. Long When Closed, 9 in. Spiral, Complete with 2 Screw Driver Bits, 1¼ in. Long and One Boring Bit 2½ in. Long, Diameter of Rod Case ½ in.....**$26.65**

Weight Per Dozen About 10 Pounds.

One-twelfth Dozen in a Box.

REID'S

Polished Steel Spiral Rod, Nickel Plated Cylinder, Lignum Vitae Head and Handle.

Per Dozen

No. 1—15 in. Long When Closed, 11 in. Spiral, Complete with One Tool Steel Screw Driver Bit 3½ in. Long, Diameter of Rod Case ⅝ in.**$33.35**

Weight Per Dozen About 19 Pounds.

One-twelfth Dozen in a Box.

Push Braces.

YANKEE

RATCHET, Steel Spiral Rod, Grooved for Both Right and Left Hand, 1⅛ in. Hard Bronze Nuts, Nickel Plated Chuck, Hardwood Polished Handle.

Per Dozen

No. 75—16¼ in. Long When Closed, 23½ in. When Extended, Malleable Iron Chuck, Drop Forged Steel Jaws, Will Hold Squares Up to ½ in., Wood Bit.....**$50.00**

Weight Per Dozen About 26 Pounds.

One-twelfth Dozen in a Box.

Automatic Drills.

YANKEE

Steel and Brass Construction, Nickel Plated.

Per Dozen

No. 41—11⅜ in. Long with Drill Point, Magazine in Handle for Holding Drill Points, Complete with 8 Drill Points 1/16 to 11/64 in...**$26.65**

Weight Per Dozen About 8 Pounds.
One-twelfth Dozen in a Box.

Per Dozen

Extra Spiral Springs for No. 41 Yankee Automatic Drill... $2.25

Steel and Brass Construction, Nickel Plated.

Per Dozen

No. 42—11⅜ in. Long with Drill Point, Polished Hardwood Handle without Magazine, Complete with 8 Drill Points 1/16 to 11/64 in., in Round Wood Box **$20.55**

Weight Per Dozen About 5½ Pounds.

Per Dozen

Extra Spiral Springs for No. 42 Yankee Automatic Drill... $2.65

Steel and Brass Construction, Nickel Plated.

Per Dozen

No. 44—11¼ in. Long with Drill Point, Adjustable Spring Tension, Magazine in Handle for Holding Drill Points, Complete with 8 Drill Points 1/16 to 11/64 in.....**$28.85**

Weight Per Dozen About 9 Pounds.
One-twelfth Dozen in a Box.

Per Dozen

Extra Spiral Springs for No. 44 Yankee Automatic Drill... $2.25

Automatic Drills.

YANKEE RECIPROCATING

Tool Steel Spiral, Ball Bearing Hardwood Handle, Nickel Plated Chuck and Driver.

Per Dozen

No. 50—16 in. Long without Drill Point, Traverse of Driver 8½ in., Three Jawed Chuck, Will Hold Any Drills with Straight Shank 3/16 in. or Less, **Without Drills...$43.30**

Weight Per Dozen About 15 Pounds.

One-twelfth Dozen in a Box.

Automatic Boring Tool.

MILLERS FALLS

Nickel Plated Steel Chuck, Cocobolo Handle.

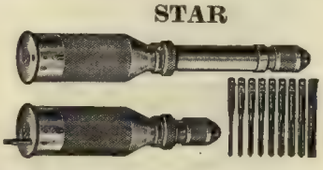
Per Dozen

No. 45—11¾ in. Long, Star Pattern Chuck Holds Round Shank Drills from 0 to ¼ in. Diameter, has Knurled Check Nut immediately Back of the Chuck to Prevent Latter from Working Loose **$27.80**

Weight Per Dozen About 9½ Pounds.
One-twelfth Dozen in a Box.

Automatic Pocket Borer.

STAR



Nickel Plated and Knurled Steel Magazine Handle, Positive Grip Chuck.

Per Dozen

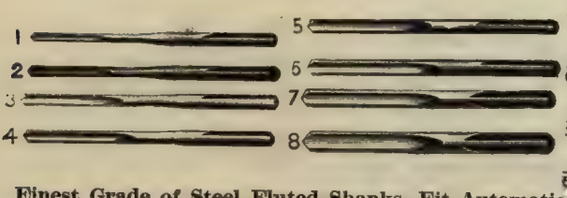
No. 8—7¼ in. Long When Extended, 4⅞ in. Compressed, Complete with 8 Drill Bits 1/16 to 11/64 in. and One Screw Driver Bit in Magazine Handle **$31.20**

Weight Per Dozen About 8½ Pounds.

One-twelfth Dozen in a Box.

Drill Points.

GOODELL'S



Finest Grade of Steel Fluted Shanks, Fit Automatic Drills.

No. 2—Straight Sizes.

Size, Nos.	1	2	3	4	5	6	7	8
Inches	1/16	5/64	3/32	7/64	1/8	9/64	5/32	11/64

Per Dozen, All Sizes.....**$1.12**

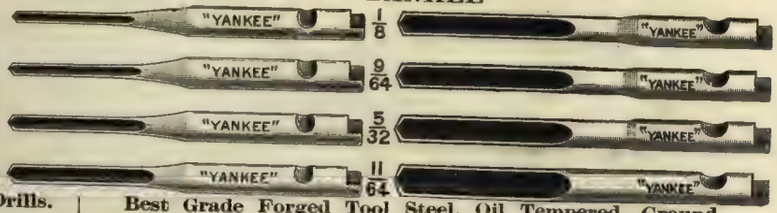
Weight Per Dozen About 3 Ounces.
One Dozen in an Envelope.

No.1—Assorted Sizes. Per Set

In Sets of 8, Nos. 1 to 8.....**$0.78**

Weight Per Set About 2 Ounces.
One Set in a Box.

YANKEE



Best Grade Forged Tool Steel, Oil Tempered, Ground, Blued Finish.

No. 20—Straight Sizes.

Inches	1/16	5/64	3/32	7/64	1/8	9/64	5/32	11/64

Per Dozen, All Sizes.....**$1.12**

Weight Per Dozen About 3 Ounces.
One Dozen in an Envelope.

No. 10—Assorted Sizes. Per Set

In Sets of 8, 1/16 to 11/64 in.....**$0.78**

Weight Per Set About 2 Ounces.
One Set in a Box.

Screw Drivers.

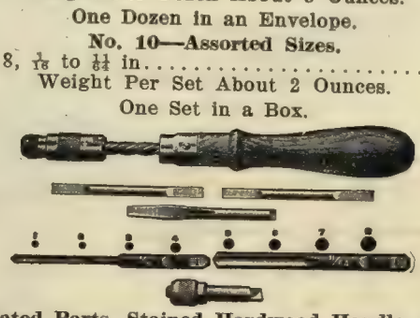
MILLERS FALLS AUTOMATIC

Nickel Plated Parts, Stained Hardwood Handle, Revolving Sleeve, Locking Device.

Per Dozen

No. M11—15 in. Long When Extended, 9 in. When Closed, Complete with 3 Screw Driver Bits, 4 in. Long, Two with Double Ends.....**$23.60**

Weight Per Dozen About 10 Pounds.
One-twelfth Dozen in a Box.



Nickel Plated Parts, Stained Hardwood Handle, Revolving Sleeve, Locking Device. Per Dozen

No. M12—15 in. Long When Extended, 9 in. When Closed, Complete with 3 Screw Driver Bits (4 in. Long, Two with Double End), Drill Chuck and 8 Drill Points.....**$32.60**

Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box.

Per Dozen

Extra Screw Driver Bits—For Nos. M11 and M12 Screw Drivers **$2.80**

Extra Drill Points—For Nos. M11 and M12 Screw Drivers..... ..... **1.35**

Screw Drivers.

YANKEE

Spiral Ratchet, Right and Left Hand and Rigid, Steel Spiral Rod, Knurled Steel Chuck, Brass Ratchet Case and Sleeve, Nickel Plated, Hardwood Handle.

Per Dozen

No. 30—Extreme Length with Bit in Chuck 13½ in. When Closed, 19¼ in. Extended, Complete with 3 Steel Bits of Different Widths.....**$26.65**

Weight Per Dozen About 14 Pounds.
One-twelfth Dozen in a Box.

Per Set

Extra Screw Driver Bits—In Set of 3 for No. 30 Yankee Screw Driver **$0.70**

Quick Return Spiral Ratchet, Right and Left Hand and Rigid, Steel Spiral Rod, Knurled Steel Chuck, Brass Ratchet Case and Sleeve, Nickel Plated, Hardwood Handle with Spring Inside Causing Quick Return of same.

Per Dozen

No. 130—Extreme Length with Bit in Chuck 15 in. When Closed, 20½ in. Extended, Complete with 3 Steel Bits of Different Widths.....**$31.10**

Weight Per Dozen About 14½ Pounds.

One-twelfth Dozen in a Box.

Spiral Ratchet, Heavy Pattern, Right and Left Hand and Rigid, Steel Spiral Rod, Knurled Steel Chuck, Brass Ratchet Case and Sleeve, Nickel Plated, Hardwood Handle.

Per Dozen

No. 31—Extreme Length with Bit in Chuck 17½ in. When Closed, 26¼ in. When Extended, Complete with 3 Steel Bits of Different Widths **$36.65**

Weight Per Dozen About 20½ Pounds.
One-twelfth Dozen in a Box.

Per Set

Extra Screw Driver Bits—In Set of 3, for No. 31 Yankee Screw Driver **$0.70**

Screw Drivers.

YANKEE

Spiral Ratchet, Light Pattern, Right and Left Hand and Rigid, Steel Spiral Rod, Knurled Steel Chuck, Brass Ratchet Case, Nickel Plated, Hardwood Handle.

Per Dozen

No. 35—Extreme Length with Bit in Chuck 9⅛ in. Closed, 12⅜ in. When Extended, Complete with 3 Sizes of Straight Bits.....**$21.65**

Weight Per Dozen About 6½ Pounds.
One-twelfth Dozen in a Box.

Per Set

Extra Long Screw Driver Bits—Same Width as Regular but 2 in. Longer, Projecting 4 in. Beyond Chuck, In Sets of 3.....**$0.70**

The No. 35 Yankee Screw Driver is intended for Electrical Workers, Cabinet Makers, Carpenters and Mechanics having a large number of small screws to drive and where a lighter tool will be much more sensitive and convenient than the No. 30 or Standard Pattern.

Tool Sets.

YANKEE

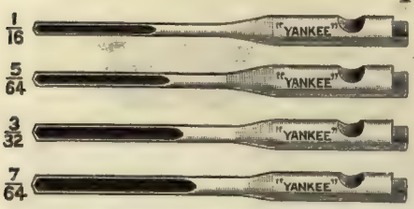
In Finished Oak Box 12½x4¾x2¾ in., with Brass Hinges and Fasteners.

Per Set

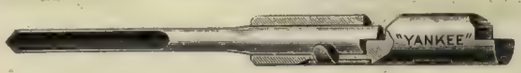
No. 100—Yankee, Consists of One No. 30 Spiral Ratchet Screw Driver, One Chuck with 8 Drill Points 1/16 to 11/64 in., for Use in No. 30 Screw Driver. One Countersink for Use in Same Tool, One No. 11 Ratchet Screw Driver with 6 in. Blade, One No. 15 Ratchet Screw Driver with 3 in. Blade **$6.70**

Weight Per Set About 3¼ Pounds.
One Set in a Box.

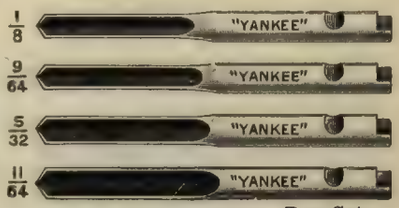
"Yankee" Screw Driver Attachments.



"YANKEE" CHUCK WITH DRILL POINTS



For use with Nos. 30 and 31 Yankee Spiral Ratchet Screw Driver, Making it a Drill.



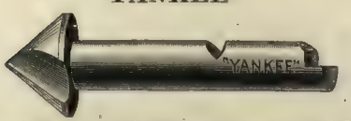
Best Grade Forged Tool Steel, Oil Tempered.

Per Set

No. 15—Chuck with 8 Drill Points 1/16 to 11/64 in., for Use with No. 30 Screw Driver, Weight Per Set About 2 Oz.....**$0.90**
No. 17—Chuck with 8 Drill Points 1/16 to 11/64 in., for Use with No. 31 Screw Driver, Weight Per Set About 2 Oz..... .90
No. 19—Chuck with 3 Drill Points, 1/16, 5/64 and 3/32 in., for Use with No. 35 Screw Driver, Weight Per Set About 1 Oz.. .60

One Set in a Wooden Box, One Dozen in a Carton.

COUNTERSINKS
YANKEE



Superior Steel, Can be Used for Either Soft or Hard Wood.

Per Dozen

No. 300—Shank 3/32 in. Diameter for No. 30 Yankee Screw Driver, Weight Per Dozen About 7 Oz.....**$2.25**
No. 301—Shank 1/16 in. Diameter, for No. 31 Yankee Screw Driver, Weight Per Dozen About 9 Oz..... 2.25
No. 305—Shank 1/16 in. Diameter, for No. 35 Yankee Screw Driver, Weight Per Dozen About 5 Oz..... 2.25

One Dozen in a Box.

SCREW DRIVER BIT
YANKEE

With Screw Holder, Polished Steel.

Per Dozen

No. 30S—3/32 in. Shank, 4½ in. Long, for No. 30 Yankee Screw Driver, Used in Places Difficult to Reach or Where Only One Hand Can be Used **$5.60**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

SCREW DRIVER BIT
YANKEE

With Screw Eye Holder, Polished Steel.

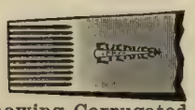
Per Dozen

No. 30SE—3/32 in. Shank, 3⅝ in. Long, for No. 30 Yankee Screw Driver, Will Hold No. 8 and Smaller Screw Eyes..**$5.60**

Weight Per Dozen About ¾ Pounds.

One Dozen in a Box.

Screw Drivers.



Showing Corrugated or Safety Point.

Regular.

No. E510—Round Forged Fine Tool Steel Blade Running Through Handle, Riveted Through Ferrule, Corrugated or Safety Point, Nickel Plated Drawn Steel Ferrule, Ebonized Hardwood Fluted Handle, Drop Forged Cap on Outer End.

Length of Blade, Inches.....	2	3	4	5	6	7	8	10	12
Ap. Weight Per Dozen, Lbs....	1¾	2	3	4¼	4½	4¾	6½	9	10
Per Dozen	$2.65	3.25	3.90	4.55	5.20	6.15	7.25	8.70	11.65

One-half Dozen in a Box.

Baby.

Per Dozen

No. E510B—Length of Blade 1½ in., Round Forged Fine Tool Steel Blade Running through Handle, Riveted through Ferrule, Corrugated or Safety Point, Nickel Plated Drawn Steel Ferrule, Ebonized Hardwood Fluted Handle, Drop Forged Cap on Outer End..$2.65

Weight Per Dozen About 1½ Pounds.

One-half Dozen in a Box.

Slim Cabinet.

No. E516—$\frac{3}{16}$ in. Round Tough Spring Steel Blade, Tempered, Riveted through Ferrule, Corrugated or Safety Point, Nickel Plated Drawn Steel Ferrule, Ebonized Hardwood Fluted Handle.

Length of Blade, Inches..	1½	2½	3½	5	6
Ap. Wt. Per Dozen, Lbs..	1	1¼	1½	1¾	2
Per Dozen	$2.65	2.65	3.25	4.55	5.20

One-half Dozen in a Box.

Cabinet Maker's.

No. E511—Round Imported Forged Steel Blades, Tempered, Running through Handle, Riveted through Ferrule, Corrugated or Safety Point, Nickel Plated Drawn Steel Ferrule, Ebonized Hardwood Fluted Handle, Drop Forged Cap on Outer End.

Length of Blade, Inches...	7½	8½	10½	12½
Ap. Wt. Per Dozen, Lbs..	3	4	4¼	4½
Per Dozen	$6.15	7.25	8.70	11.65

One-half Dozen in a Box.

Electrician's.

No. E514—Round Forged Fine Tool Steel Blades, Running through Handle, Riveted through Ferrule, Corrugated or Safety Point, Nickel Plated Drawn Steel Ferrule, Ebonized Hardwood Fluted Handle, Drop Forged Cap on Outer Edge, Covered with Leather Cap for the Purpose of Insulating it.

Length of Blade, Inches..	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs..	2½	4	5	5½	7
Per Dozen	$3.25	3.90	4.55	5.20	7.25

One-half Dozen in a Box.

Machinist's.

No. E520—$\frac{1}{16}$ in. Square Fine Tool, Steel Blade Running through Handle, Riveted through Heavy Steel Ferrule, Plain Point, Ebonized Hardwood Fluted Handle, with Drop Forged Cap on Outer End, Designed for Heavy Duty in Machine Shop or Garage.

Length of Blade, Inches.	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	4¾	5	5½	6	6½
Per Dozen	$7.25	8.25	8.90	9.80	10.50

The Blade being square admits the use of a Wrench in turning heavy screws.

One-half Dozen in a Box.

Machinist's, Heavy.

No. E525—⅜ in. Square Imported Tool Steel Blade Running through Handle, Riveted through Ferrule, Heavy Steel Ferrule, Plain Point, Ebony Finish Fluted Rock Maple Handle, with Drop Forged Cap on Outer End, Designed for Heavy Duty in Machine Shop or Garage.

Length of Blade, Inches...	2½	3½	4½	5½
Ap. Wt. Per Dozen, Lbs...	5¾	6	6½	7¼
Per Dozen	$10.00	10.90	11.80	12.70

No Screw with a Slotted Head can stand the persuasion of of this Driver backed up with plenty of muscle.

One-half Dozen in a Box.

E-Z GRIP

No. 8—Round Forged Cast Steel Blued Blade and Ferrule, Polished Bit, Red Stained Hardwood Handle.

Length of Blade, Inches..	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	1¾	2¼	2¾	4⅛	4¼
Per Dozen	$2.45	2.55	2.65	2.90	3.25

Length of Blade, Inches..	7	8	10	12
Ap. Wt. Per Dozen, Lbs..	4¾	6½	7¼	8¼
Per Dozen	$3.45	3.70	4.65	5.80

One-half Dozen in a Box.

CHAMPION PATTERN

No. 7—Round Forged Cast Steel Blade, Heavy Ferrule and Bolster, Fluted Handle.

Length of Blade, Inches..	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	½	1⅛	2¼	3	3½
Per Dozen	$2.00	2.25	2.35	2.55	2.80

Length of Blade, Inches..	7	8	10	12
Ap. Wt. Per Dozen, Lbs..	4	6	6¾	7½
Per Dozen	$3.00	3.25	4.00	5.00

One-half Dozen in a Box.

Screw Drivers.

HURWOOD

Regular.

No. 20—Round Finely Tempered Steel Blade, Running Through Handle, Riveted Through Ferrule, Solid Ferrule, Black Stained Fluted Hardwood Handle.

Length of Blade, Inches.....	2½	3	4	5	6	7	8	10	12
Ap. Wt. Per Dozen, Lbs.....	1½	1¾	2¾	4¼	6	6½	7½	8½	9½
Per Dozen	$3.00	3.50	4.25	5.00	6.00	7.00	8.00	10.00	12.00

One-half Dozen in a Package.

Baby Pony.

Per Dozen

No. 21—Length of Blade 1½ in., Round Finely Tempered Steel Blade Running through Handle, Riveted through Ferrule, Solid Ferrule, Black Stained Fluted Hardwood Handle.....$3.00
Weight Per Dozen About 1 Pound.

One-half Dozen in a Box.

Pony.

No. 55—Round Finely Tempered Steel Blades Running through Handle, Riveted through Ferrule, Solid Ferrule, Black Stained Fluted Hardwood Handle, **Insulated End.**

Length of Blade, Inches..	2½	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	1	1¼	1¼	1½	1½
Per Dozen	$3.00	3.50	4.25	5.00	6.00

One-half Dozen in a Box.

Cabinet.

No. 40—Round Finely Tempered Steel Blade Running through Handle, Riveted through Ferrule, Solid Ferrule, Black Stained Fluted Hardwood Handles.

Length of Blade, Inches.....	8½	10½	12½
Ap. Weight Per Dozen, Lbs....	3¾	4¼	4½
Per Dozen	$8.00	10.00	12.00

One-half Dozen in a Box.

Electricians'.

No. 25—Round Finely Tempered Steel Blade Running through Handle, Riveted through Ferrule, Solid Ferrule, Black Stained Fluted Handle, **Insulated End.**

Length of Blade, Inches....	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs..	1¾	2¾	4¼	6	7½
Per Dozen	$3.50	4.25	5.00	6.00	8.00

One-half Dozen in a Box.

LEAD ALL

No. 5—Round Forged Polished Cast Steel Blade, Nickel Plated Ferrule, Varnished Cherry Stained Handle.

Length of Blade, Inches..	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	1	1¾	2¼	3½	4
Per Dozen	$1.45	1.56	1.68	1.80	1.90

Length of Blade, Inches..	7	8	10	12
Ap. Wt. Per Dozen, Lbs..	4½	6½	6¾	8
Per Dozen	$2.00	2.25	2.45	2.70

One-half Dozen in a Box.

COMMON

No. 1—Flat Forged Polished Heavy Cast Steel Blade, Tempered Point, Brass Ferrule, Flat Varnished Beech Handle, Natural Color.

Length of Blade, Inches..	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	1¼	1½	2½	3	4
Per Dozen	$1.12	1.45	1.68	2.00	2.25

Length of Blade, Inches..	7	8	10	12
Ap. Wt. Per Dozen, Lbs..	4½	6	9	10
Per Dozen	$2.55	3.10	3.90	5.00

One-half Dozen in a Box.

No. 1½.

SEWING MACHINE—

Case Hardened Steel Blade, Nickel Plated Ferrule, Black Enameled Handle.

Per Dozen

No. 1½—Length of Blade 1½ in.....$0.60
Weight Per Dozen About ¾ Pound.

One Dozen in a Box.

Screw Drivers.

PERFECT HANDLE

Regular.

No. 999—One Piece Drop Forging from Hammer Head to Driver Tip, Oval Handle, Waterproofed, Finish in Natural Color, Well Balanced and Tempered.

Length of Blade, Inches.	4	6	8	10	12
Diam. of Blade, Inches..	¼	5/16	3/8	3/8	3/8
Ap. Wt. Per Dozen, Lbs.	4¼	6¾	10	11½	12
Per Dozen	$4.75	6.70	8.90	11.10	13.35

One-half Dozen in a Box.

PERFECT HANDLE

Machinists'.

No. 998—One Piece Drop Forging from Hammer Head to Driver Tip, Square Shank, Oval Handle, Waterproofed, Finished in Natural Color.

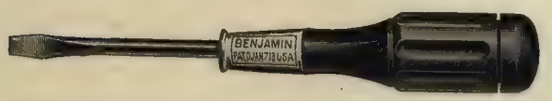
Length, Inches	4½	5
Size of Square, Inches	1/16	9/128
Width at Point, Inches	½	¾
Approx. Weight Per Dozen, Lbs.	8	12
Per Dozen	$13.35	14.45

Put a wrench onto the Square Shank when you want to tighten or loosen cap screws, set screws, etc. It will stand the strain.

One-half Dozen in a Box.

The handles of the Perfect Handle Screw Drivers are treated with a special waterproofing process which renders them impervious to water. The oval shape handle gives a greater leverage and fits the hand better than common round handles.

BENJAMIN FRICTION DRIVE



The **Friction Drive Cap** revolves freely, transferring friction from palm of hand to friction clutch, preventing chafing or blistering. The ordinary pressure of driving screws causes friction clutch to instantly engage handle without loss of motion. The spring releases clutch on reverse motion and holds blade firmly in screw slot while driving. The rotating cap allows free running screws to be driven rapidly by thumb and fingers of one hand.

Standard.

High Grade Tool Steel Blade, Hardened and Oil Tempered, Special Selected Hardwood Handle and Cap, Rubberoid Baked Enamel Finish.

No. B43—¼ in. Diameter Blade.

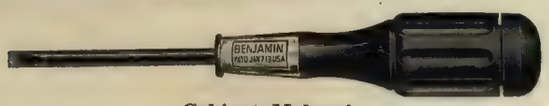
Length of Blade, Inches..	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	2¾	3	3¼	3½
Per Dozen	$4.45	5.35	6.25	7.15

One-half Dozen in a Box.

No. C53—5/16 in. Diameter Blade.

Length of Blade, Inches..	4	5	6	8
Ap. Wt. Per Dozen, Lbs..	7½	8	8½	9¾
Per Dozen	$6.25	7.15	8.00	8.90

One-half Dozen in a Box.



Cabinet Makers'.

High Grade Tool Steel Straight Blade, Hardened and Oil Tempered, Special Selected Hardwood Handle and Cap, Rubberoid Baked Enamel Finish.

No. D33—3/16 in. Diameter Blade.

Length of Blade, Inches..	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	3	4	4¼	4½
Per Dozen	$3.55	4.45	5.35	6.25

One-half Dozen in a Box.

Electricians'.

High Grade Tool Steel Blade, Hardened and Oil Tempered, Entire Blade Excepting Point Covered with Hard Rubber Tubing Moulded Securely into the Handle, Insulated Covering of Blade is ⅜ in. Diameter.

No. E33—3/16 in. Diameter Blade, with Cabinet End.

Length of Blade, Inches.	3	6
Approx. Weight Per Dozen, Lbs..	3¼	4
Per Dozen	$9.80	12.45

One-half Dozen in a Box.

Friction Drive Screw Driver Set.

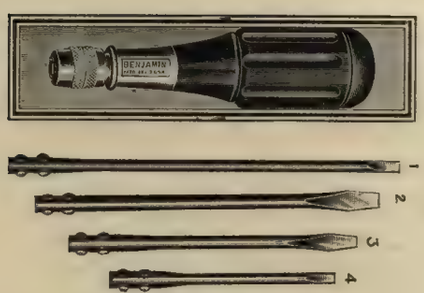
BENJAMIN

Per Dozen Sets

No. S1—Consists of One Friction Drive Handle with 4 Jaw Screw Chuck and 4 Tool Steel Screw Driver Blades, One 3/16x6 in. Cabinet End, One Each 3/16x4 in. and ¼x5 in. Regular End and One 1/2x3 in. Cabinet End, Covering a Large Range of Work $16.00

Approx. Weight Per Dozen 6¾ Pounds.

One-twelfth Dozen in a Box.



No. S1 Screw Driver Set.

Friction Drive Tool Set.

BENJAMIN

Per Dozen Sets

No. 2½—Consists of One Friction Drive Handle with 4 Jaw Screw Chuck and 4 Screw Driver Blades (One Each 3/16x½ in. and 1/2x3 in. Cabinet End and One Each ¼x5 in. and 3/16x4 in. Regular End), One Each 11/64 and 13/64 in. Gimlet Bit, Put up in Khaki Tool Set Roll..... $22.50

Approximate Weight Per Dozen Sets 8 Pounds.

One-quarter Dozen Sets in a Box.

No. 2½ Tool Set.

Screw Drivers.

YANKEE

Plain, Standard Style.

No. 90—Finely Polished Steel Blades and Ferrules, Hardwood Handle, Dull Dead Black Finish.

Length of Blade, Inches..	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	1¼	1½	2¾	4	4¼
Per Dozen	$2.80	3.25	3.80	4.50	5.35
Length of Blade, Inches..	7	8	9	10	12
Ap. Wt. Per Dozen, Lbs..	6	6¼	6¾	9½	10½
Per Dozen	$6.25	7.25	8.10	9.00	10.60

One-half Dozen in a Box.

Plain, Cabinet Style.

No. 95—Finely Polished Steel Blades and Ferrules, Hardwood Handles, Dull Dead Black Finish.

Length of Blade, Inches.	2½	3½	4½	5½	6½	7½
Ap. Wt. Per Dozen, Lbs.	1⅜	1⅜	1½	1⅝	1¾	2⅜
Per Dozen	$2.80	3.25	3.70	4.25	4.80	5.60
Length of Blade, Inches.	8½	9½	10½	12½	15½	
Ap. Wt. Per Dozen, Lbs.	2⅝	2¾	2⅞	3¼	3⅝	
Per Dozen	$6.10	6.70	7.25	8.35	10.00	

One-half Dozen in a Box.

No. 11—Ratchet, Right and Left Hand and Rigid, Polished Cast Steel Blade, Nickel Plated Parts, Polished Hardwood Handle.

Lgth. of Blade, In.	2	3	4
Ap. Wt. Doz., Lbs.	1¼	3¼	3⅜
Per Dozen	$6.10	7.80	8.90
Lgth. of Blade, In.	5	6	8
Ap. Wt. Doz., Lbs.	3½	5¼	6
Per Dozen	$9.45	11.10	12.80
Lgth. of Blade, In.		10	12
Ap. Wt. Doz., Lbs.		7⅜	8⅛
Per Dozen		$14.45	16.10

One-half Dozen in a Box.

No. 15—Ratchet, Right and Left Hand, and Rigid, Polished Cast Steel Blade, Nickel Plated Parts, Polished Hardwood Handle.

Length of Blade, Inches.	2	3
Ap. Wt. Per Dozen, Lbs.	1½	1½
Per Dozen	$6.10	7.80
Length of Blade, Inches.	4	5
Ap. Wt. Per Dozen, Lbs.	1¾	1⅞
Per Dozen	$8.90	9.45

Has on its blade a knurled washer so blade can be turned with finger and thumb while hand presses on handle to hold screws in place.

One-half Dozen in a Box.

No. 12—Ratchet, Right and Left Hand and Rigid, Polished Cast Steel Blade, Nickel Plated Parts, Polished Hardwood Handle.

Length of Blade, Inches.....	1⅛
Ap. Wt. Per Dozen, Lbs.....	3¾
Per Dozen	$11.10

For special use of Gunsmiths' Fitters, Electricians and Mechanics requiring a strong substantial screw driver with a short steel blade.

One-half Dozen in a Box.

With Screw Holder Attachment.

No. 111—Ratchet, Right and Left Hand and Rigid, Polished Steel Blade, Nickel Plated Parts, Polished Hardwood Handle.

Length, Inches ..	3	4	5
Ap. Wt. Doz., Lbs.	4	4	4¼
Per Dozen	$11.10	11.65	12.25
Length, Inches ..		6	8
Ap. Wt. Doz., Lbs.		6	6¾
Per Dozen		$13.35	14.45

One-half Dozen in a Box.

With Screw Holder Attachment.

No. 115—Ratchet Right and Left Hand and Rigid, Polished Cast Steel Blade, Nickel Plated Parts, Polished Hardwood Handle.

Length, Inches...	3	4	5
Ap. Wt. Doz., Lbs.	2⅛	2¼	2⅜
Per Dozen.....	$11.10	11.65	12.25

One-half Dozen in a Box.

Magazine Pocket.
Steel, Handsomely Polished and Nickel Plated.

Per Dozen

No. 60—⅝ in. Diameter, Length When Closed 3 in., When Extended 4¼ in., with 4 Detachable Blades of Varying Widths and Thicknesses, Blades Kept in Magazine Formed by Handle.....$11.65

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Plug Cutters.

No. 8—Best Cast Steel, Carefully Tempered.

Size, Inches	½	⅝	⅝
Ap. Weight Per Dozen, Lbs..	1½	1¾	2
Per Dozen	$7.00	7.00	7.00

One-half Dozen in a Box.

Spoke Pointers.

STEARNS'

Japanned Iron Body, Cast Steel Blade, Adjustable Graduated Shank.

Per Dozen

No. 1—Points Up to 1⅞ in. Diameter.....$11.65

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box.

Auger Bits in Sets.

Put Up in Bartlett's Wood Boxes.

[illegible], Solid Center Stem, Double Spur, Cast Steel, Polished Extension Lip.

Per Set
No. E90—13 Bits, Put Up in No. 13 Box.....**$6.90**

Weight Per Set About 5 Pounds.

WRIGHT JENNINGS', Cast Steel, BLUED, Extension Lip.

Per Set
No. 80—13 Bits, Put Up in No. 13 Box.....**$5.55**

Weight Per Set About 5¼ Pounds.

WRIGHT JENNINGS', Cast Steel POLISHED, Extension Lip.

Per Set
No. 50—13 Bits, Put Up in No. 13 Box.....**$7.80**
No. 55— 8 Bits, Put Up in No. 8 Box..... **4.65**

Weight Per Set No. 50 About 4¾ Pounds, No. 55 About 3½ Pounds.

CLIMAX, Jennings' Pattern, Cast Steel, Polished Extension Lip.

Per Set
No. 70—13 Bits, Put Up in No. 13 Box.....**$6.45**
No. 75— 8 Bits, Put Up in No. 8 Box..... **3.90**

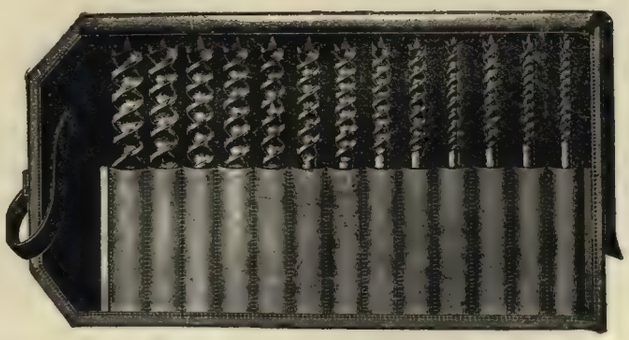
Weight Per Set No. 70 About 5 Pounds, No. 75 About 3½ Pounds.

COMMON, Cast Steel, Polished, Double Spur.

Per Set
No. 60—13 Bits, Put Up in No. 13 Box.....**$4.10**
No. 65— 8 Bits, Put Up in No. 8 Box..... **2.60**
No. 66— 6 Bits, Put Up in No. 6 Box..... **2.10**

Weight Per Set No. 60 About 4¾ Pounds, No. 65 About 3½ Pounds, No. 66 About 2¾ Pounds.

One Set in a Box.



Put Up in Canvas Rolls.

[illegible], Solid Center Stem, Double Spur, Cast Steel, Polished Extension Lip.

Per Set
No. E90R—13 Bits, Put Up in Canvas Roll.....**$6.90**

Weight Per Set About 3 Pounds.

WRIGHT JENNINGS', Cast Steel, BLUED, Extension Lip.

Per Set
No. 80R—13 Bits, Put up in Canvas Roll.....**$5.55**

Weight Per Set About 3 Pounds.

WRIGHT JENNINGS', Cast Steel POLISHED, Extension Lip.

Per Set
No. 50R—13 Bits, Put Up in Canvas Roll.....**$7.80**

Weight Per Set About 3 Pounds.

CLIMAX, Jennings' Pattern, Cast Steel, Polished Extension Lip.

Per Set
No. 70R—13 Bits, Put Up in Canvas Roll.....**$6.45**

Weight Per Set About 3 Pounds.

COMMON, Cast Steel, Polished, Double Spur.

Per Set
No. 60R—13 Bits, Put Up in Canvas Roll.....**$4.10**

Weight Per Set About 3 Pounds.

One Set in a Roll.

In Oil Finished Slide Cover Box.
COMMON, Cast Steel, Polished, Double Spur.

Per Set
No. 613—13 Bits, Put Up in Slide Cover Box.....**$3.90**
No. 608— 8 Bits, Put Up in Slide Cover Box..... **2.25**
No. 606— 6 Bits, Put Up in Slide Cover Box..... **1.70**

Weight Per Set No. 613 About 3½ Pounds, No. 608 About 2¼ Pounds, No. 606 About 2 Pounds.

One Set in a Box.

In Slide Cover Box.

HUMPHREYSVILLE, Cast Steel, Polished.

Per Set
No. 066—6 Bits, Put Up in Slide Cover Box.....**$1.45**

Weight Per Set About 2½ Pounds.

One Set in a Box.

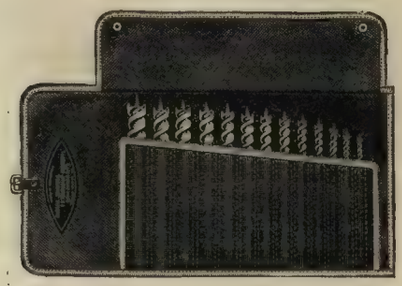
CONTENTS OF SETS

Sets of 13 Bits Consist of One Each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16-16 in.
Sets of 8 Bits Consist of One Each, 4, 5, 6, 8, 10, 12, 14 and 16-16 in.
Sets of 6 Bits Consist of One Each, 4, 6, 8, 10, 12 and 16-16 in.

Auger Bits, in Sets.

RUSSELL JENNINGS'

Nos. 25 and 25½.



Nos. 25R and 25½R.

RUSSELL JENNINGS', Extra Cast Steel, Polished, Extension Lip.

Put Up in Russell Jennings' Patent Box.

Per Set

No. 25 —Double Thread Screw, 13 Bits, Put Up in 3 Section Hardwood Box.....$9.30

No. 25½—Single Thread Screw, for Fast Boring, 13 Bits, Put Up in 3 Section Hardwood Box.. 9.30

Weight Per Set About 4¾ Pounds.

Put Up in Canvas Roll with Leather Strap and Buckle.

Per Set

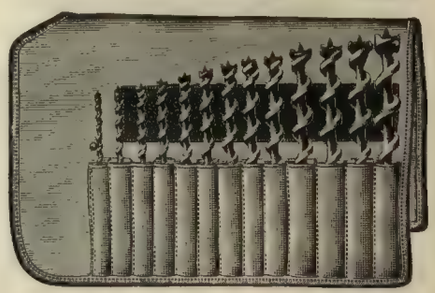
No. 25R —Double Thread Screw, 13 Bits, Put Up in Canvas Roll $9.30

No. 25½R—Single Thread Screw, For Fast Boring, 13 Bits, Put Up in Canvas Roll..... 9.30

Weight Per Set About 4 Pounds.

Hardwood Box contains 3 Sections; Upper Section holds 6 Bits; Second Section holds 4 Bits; Lower Section holds 3 Bits. One Set in a Box or Canvas Roll.

IRWIN'S



Irwin's, High Grade Crucible Steel, Solid Center Stem, Polished, Double Cutter, Extension Lip.

Put Up in Irwin's Model Box.

Per Set

No. 35—13 Bits, in Grained Wood Box with Folding Lid and Sliding Drawer.....$7.00

Weight Per Set About 5 Pounds.

One Set in a Box.

Put Up in Canvas Roll, with Leather Strap and Buckle.

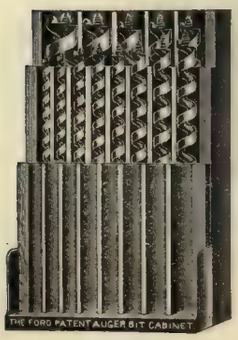
Per Set

No. 35R—13 Bits, in Heavy Drab Canvas Roll, White Canton Lined to Prevent Bits from Rusting.$7.00

Weight Per Set About 3¼ Pounds.

One Set in a Roll.

FORD'S



No. 40 Set.

Ford's, Crucible Cast Steel, Polished, Patent Concave Twist, Single Lip.

Put Up in Wood Box.

Per Set

No. 40—13 Bits, in Bartlett's Bit Box.....$7.80

Weight Per Set About 4½ Pounds.

One Set in a Box.

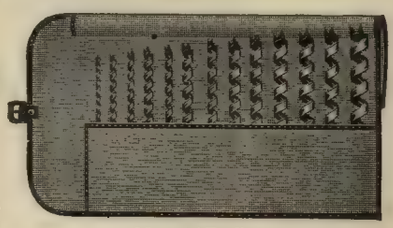
Put Up in Canvas Roll with Leather Strap and Buckle.

Per Set

No. 40R—13 Bits, in Canvas Roll, Fleece Lined.....$7.80

Weight Per Set About 3¼ Pounds.

One Set in a Roll.



No. 40R Set.

A Set of 13 Bits Consists of One Each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16-16ths inches.

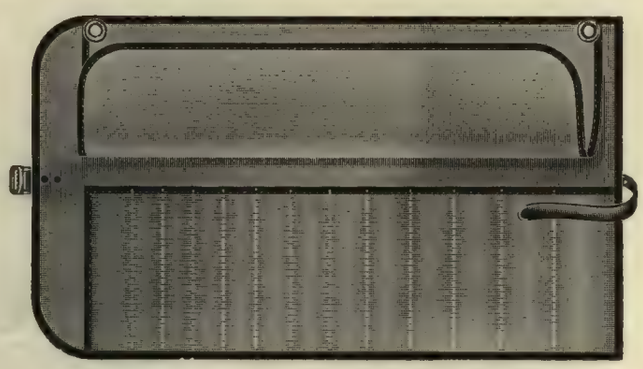
Auger Bit Boxes.

Bartlett's, Beechwood, Varnished and Highly Finished, Brass Hinges, Brass Hook and Eye.

		Each
No. 6—Capacity 6 Bits, Weight Each About 1¾ Lbs.		**$0.90**
No. 9—Capacity 9 Bits, Weight Each About 2¼ Lbs.		**.90**
No. 13—Capacity 13 Bits, Weight Each About 2¾ Lbs.		**1.00**

Open Stock.

Auger Bit Rolls.



Brown Canvas, Fleece Lined, Leatherette Bound, Two Grommets, Strap and Buckle.

	Each
No. 48—Capacity 13 Bits, Weight Each About ⅜ Lb..	**$0.60**

Open Stock.

Combination Sets.

In Slide Cover Hardwood Box, Varnished.

	Per Set
No. X11—Swan Combination Set, Consists of One Each 4, 5, 6, 7 and 8-16ths Swan's Regular Square Shank Cast Steel Auger Bits and One Swan's High Grade Expansive Bit ½ to 1½ in.....	**$2.80**

Weight Per Set About 1½ Pounds.

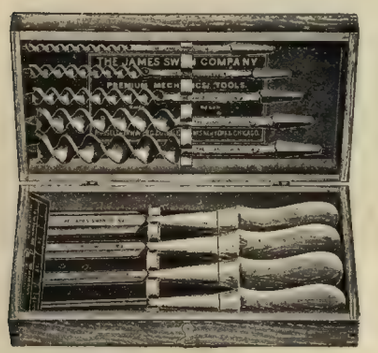
One Set in a Box.

In Slide, Cover Hardwood Box, Varnished.

	Per Set
No. B11—Swan Auger Bit Set, Consists of One Each, 4, 5, 6, 8, 10 and 12-16ths Swan's Regular Square Shank Cast Steel Auger Bits.....	**$1.90**

Weight Per Set About 1¾ Pounds.

One Set in a Box.

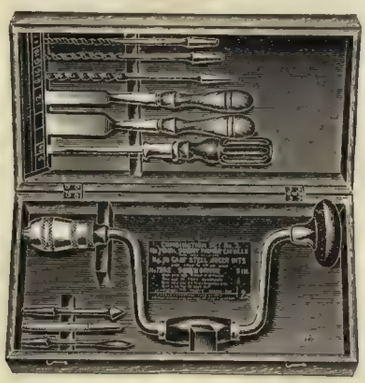


In Polished Hardwood Boxes, with Nickel Plated Brass Springs, Brass Hook and Eye.

	Per Set
No. 2—Swan's Combination Set, Consists of One Each ¼, ½, ¾ and 1 in. Swan's Solid Crucible Steel Short Bevel Edge Socket Firmer Chisels, and One Each ¼, ⅜, ½, ¾ and 1 in. Swan's Regular Square Shank Cast Steel Auger Bits.....	**$4.50**

Weight Per Set About 3 Pounds.

One Set in a Box.



In Polished Hardwood Box with Patented Spring Racks, Brass Hooks and Eyes.

	Per Set
No. 3—Swan's Combination Set, Consists of One Nickel Plated Bit Brace, One ⅛ in. Gimlet Bit, One Each ¼, ⅜ and ½ Swan's Regular Square Shank Cast Steel Auger Bits, One Each ½ and 1 in. Solid Crucible Steel Short Socket Firmer Chisels, One 5 in. Ebony Handle Screw Driver, One Countersink and One Nail Set.....	**$5.00**

Weight Per Set About 5¼ Pounds.

One Set in a Box.

Auger Bits.

, Cast Steel, Solid Center Stem, Extension Lip, Double Spur, Polished.

Inches, 16ths.....	3	4	5	6	7	8	9
Ap. Wt. Doz., Lbs.	1	1¼	1½	1¾	2	2¼	2½
Per Dozen	$4.05	3.60	3.60	3.60	4.05	4.50	4.95

Inches, 16ths.....	10	11	12	13	14	15	16
Ap. Wt. Doz., Lbs.	2¾	3¼	3½	3¾	4	4¼	4½
Per Dozen	$5.40	6.30	6.30	7.20	7.20	8.10	8.10

One-half Dozen in a Box.

Per Set

Sets of 32½ Quarters, One Each 4 to16-16ths.....$6.30

For Price of Sets in Fancy Box or Canvas Roll, See Page 118.

CLIMAX

CLIMAX, JENNINGS' PATTERN, Cast Steel, Extension Lip, Polished.

Inches, 16ths.....	3	4	5	6	7	8	9
Ap. Wt. Doz., Lbs.	1¼	1½	1¾	2	2¼	2½	2¾
Per Dozen	$3.60	3.20	3.20	3.20	3.60	4.00	4.40

Inches, 16ths.....	10	11	12	13	14	15	16
Ap. Wt. Doz., Lbs.	3	3½	3¾	4	4¼	4½	4¾
Per Dozen	$4.80	5.60	5.60	6.40	6.40	7.20	7.20

One-half Dozen in a Box.

Per Set

Sets of 32½ Quarters, One Each 4 to 16-16ths in.....$5.60

For Price of Sets in Fancy Box or Canvas Roll, See Page 118.

RUSSELL JENNINGS'

Double Thread Screw.

RUSSELL JENNINGS', Crucible Cast Steel, Extension Lip, Polished, DOUBLE THREAD SCREW, for Use When Boring Through Veneer, Pattern Work and Cabinet Work.

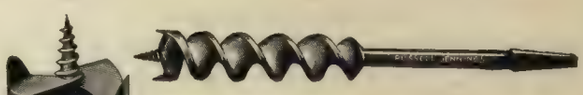
Inches, 16ths.....	3	4	5	6	7
Ap. Wt. Dozen, Lbs.	1¼	1½	1¾	2	2¼
Per Dozen	$6.00	5.35	5.35	5.35	6.00

Inches, 16ths.....	8	9	10	11	12
Ap. Wt. Dozen, Lbs.	2½	2¾	3	3½	3¾
Per Dozen	$6.65	7.30	8.00	9.30	9.30

Inches, 16ths.....	13	14	15	16	18
Ap. Wt. Dozen, Lbs.	4	4¼	4½	4¾	5
Per Dozen	$10.65	10.65	12.00	12.00	14.00

For Price of Sets in Fancy Box or Canvas Roll, See Page 119.

3 to 10-16 in., One Dozen; 11 to 18-16 in., One-half Dozen in a Box.



Single Thread Screw.

RUSSELL JENNINGS', Crucible Cast Steel, Extension Lip, Polished, SINGLE THREAD SCREW, for Boring End Grain in Hardwoods and for Mortising Doors.

Inches, 16ths.....	3	4	5	6	7
Ap. Wt. Dozen, Lbs.	1¼	1½	1¾	2	2¼
Per Dozen	$6.00	5.35	5.35	5.35	6.00

Inches, 16ths.....	8	9	10	11	12
Ap. Wt. Dozen, Lbs.	2½	2¾	3	3½	3¾
Per Dozen	$6.65	7.30	8.00	9.30	9.30

Inches, 16ths.....	13	14	15	16	18
Ap. Wt. Dozen, Lbs.	4	4¼	4½	4¾	5
Per Dozen	$10.65	10.65	12.00	12.00	14.00

For Price of Sets in Fancy Box or Canvas Roll, See Page 119.

3 to 10-16 in., One Dozen; 11 to 18-16 in., One-half Dozen in a Box.

WRIGHT'S JENNINGS'

WRIGHT'S JENNINGS', Cast Steel, Extension Lip, Polished.

Inches, 16ths.....	3	4	5	6	7	8	9
Ap. Wt. Doz., Lbs.	1¼	1½	1¾	2	2¼	2½	2¾
Per Dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50

Inches, 16ths.....	10	11	12	13	14	15	16
Ap. Wt. Doz., Lbs.	3	3½	3¾	4	4¼	4½	4¾
Per Dozen	$6.00	7.00	7.00	8.00	8.00	9.00	9.00

3 to 10/16 in., One Dozen; 11 to 16/16, One-half Dozen in a Box.

Per Set

Set of 32½ Quarters—One Each 4/16 to 16/16ths in..$7.00

For Price of Sets in Fancy Box or Canvas Roll, See Page 118.

COMMON

COMMON, Cast Steel Lip and Spur, Polished.

Inches, 16ths.....	3	4	5	6	7	8
Ap. Wt. Doz., Lbs.	1¼	1½	1¾	2	2¼	2½
Per Dozen	$2.25	2.00	2.00	2.00	2.25	2.50

Inches, 16ths.....	9	10	11	12	13	14
Ap. Wt. Doz., Lbs.	2¾	3	3½	3¾	4	4¼
Per Dozen	$2.75	3.00	3.50	3.50	4.00	4.00

Inches, 16ths.....	15	16	17	18	20
Ap. Wt. Doz., Lbs.	4½	4¾	5	5¼	5½
Per Dozen	$4.50	4.50	5.25	5.25	6.00

One-half Dozen in a Box.

Per Set

Sets of 32½ Quarters—One Each 4/16 to 16/16ths in..$3.50

For Price of Sets in Fancy Box or Canvas Roll, See Page 118.

Auger Bits.

IRWIN'S PATENT

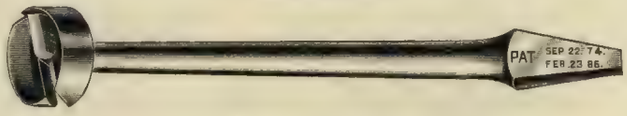
IRWIN'S, Crucible Bit Steel, Oil Tempered, Solid Center Stem, Extension Lip, Double Spur, Polished.

Inches, 16ths	3	4	5	6	7
Ap. Wt. Per Dozen, Lbs.	1	1¼	1½	1¾	2
Per Dozen	$4.50	4.00	4.00	4.00	4.50
Inches, 16ths	8	9	10	11	12
Ap. Wt. Per Dozen, Lbs.	2¼	2½	2¾	3¼	3½
Per Dozen	$5.00	5.50	6.00	7.00	7.00
Inches, 16ths		13	14	15	16
Ap. Wt. Per Dozen, Lbs.		3¾	4	4¼	4½
Per Dozen		$8.00	8.00	9.00	9.00

One-half Dozen in a Box.

For Price of Sets in Fancy Box or Canvas Rolls, See Page 119.

FORSTNER



For Use in Brace.

Inches, 16ths	4	5	6	7	8
Ap. Wt. Doz., Lbs.	1¼	1¼	1½	1¾	1⅞
Per Dozen	$13.00	13.00	14.00	14.00	15.00
Inches, 16ths		9	10	11	12
Ap. Wt. Doz., Lbs.		1⅞	2	2	2½
Per Dozen		$15.00	16.00	16.00	17.00
Inches, 16ths		13	14	15	16
Ap. Wt. Doz., Lbs.		2⅝	2¾	2⅞	3
Per Dozen		$17.00	18.00	20.00	21.00

Unlike other Bits, the Forstner is guided by its circular rim instead of its center, consequently it will bore any arc of a circle. It can be guided in any direction regardless of knot or grain, leaving a true polished surface.

One-half Dozen in a Box.

FORD'S

FORD'S, Crucible Cast Steel, Patent Concave Twist, Single Extension Lip, Polished.

Length of Twist About 4½ in., Entire Length About 8½ in.

Inches, 16ths	4	5	6	7	8
Ap. Wt. Per Dozen, Lbs.	1¼	1½	1¾	2	2¼
Per Dozen	$4.45	4.45	4.45	5.00	5.55
Inches, 16ths		9	10	11	12
Ap. Wt. Per Dozen, Lbs.		2½	2¾	3¼	3½
Per Dozen		$6.10	6.70	7.80	7.80
Inches, 16ths		13	14	15	16
Ap. Wt. Per Dozen, Lbs.		3¾	4	4¼	4½
Per Dozen		$8.90	8.90	10.00	10.00

One-half Dozen in a Box.

For Price of Sets in Fancy Box or Canvas Rolls, See Page 119.

FORD'S EXTRA LONG

FORD'S, Crucible Cast Steel, Patent Concave Twist, Single Extension Lip, Polished.

Length of Twist 8 in., Entire Length 13 in.

Inches, 16ths	4	5	6	7	8
Ap. Wt. Per Dozen, Lbs.	2	2½	3	3¼	3¼
Per Dozen	$7.10	7.10	7.10	8.00	8.90
Inches, 16ths	9	10	11	12	
Ap. Wt. Per Dozen, Lbs.	3½	3¾	4	4½	
Per Dozen	$9.80	10.65	12.45	12.45	
Inches, 16ths	13	14	15	16	
Ap. Wt. Per Dozen, Lbs.	4¾	5	5½	6	
Per Dozen	$14.20	14.20	16.00	16.00	

One-half Dozen in a Box.

	Per Set
Set of 32½ Quarters—13 Bits, One Each 4/16 to 16/16ths in.	$12.45

Open Stock.

Ship Auger Bits.

CLIMAX

CLIMAX, Crucible Cast Steel, Concave Twist, Polished, with Screw.

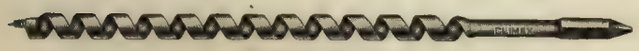
Length of Twist About 5 in., Entire Length About 9 in.

Inches, 16ths	6	7	8	9	10	11	12	13	14	15	16
Ap. Wt. Per Dozen, Lbs.	2	2¼	2¼	3	3½	4	5	5	5	5½	6
Per Dozen	$6.70	6.70	6.70	8.35	8.35	10.00	10.00	11.65	11.65	13.35	13.35

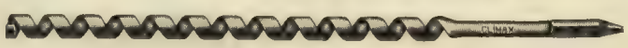
One-half Dozen in a Box.

Ship Augers.

CLIMAX



With Screw.



Without Screw.

CLIMAX, Crucible Cast Steel, Concave Twist, Polished.

12 in. Twist.

Inches, 16ths	6	7	8	9	10	11	12	13	14
Approx. Weight Per Dozen, Lbs.	2½	4	5	6	7½	8½	10	10½	13
Per Dozen	$8.35	8.35	8.35	10.00	10.00	11.65	11.65	13.35	13.35
Inches, 16ths	15	16	17	18	19	20	21	22	23
Approx. Weight Per Dozen, Lbs.	15	17	20	22	24	26	30	30	36
Per Dozen	$15.00	15.00	16.65	16.65	18.30	18.30	20.00	20.00	23.30
Inches, 16ths	24	25	26	27	28	29	30	31	32
Approx. Weight Per Dozen, Lbs.	36	40	42	45	48	51	54	57	60
Per Dozen	$23.30	26.65	26.65	28.30	28.30	35.00	35.00	42.20	42.20

6/16 to 24/16ths, One-half Dozen in a Box; Balance, Open Stock.

When Ordering, Specify if Wanted with or without Screw.

Car Bits.

CLIMAX

CLIMAX, Cast Steel, Polished, Extension Lip.

Length of Twist About 12 in., Length of Shank 6 in.

Inches, 16ths	4	5	6	7	8	9	10	11
Ap. Wt. Per Dozen, Lbs.	2½	3	3½	4	5	5½	6	8
Per Dozen	$8.10	8.10	8.10	9.00	10.15	11.25	12.40	13.50

Inches, 16ths	12	13	14	15	16	17	18	20
Ap. Wt. Per Dozen, Lbs.	8½	9	10½	11	12	14	15	16
Per Dozen	$14.65	15.85	17.10	18.45	19.80	21.60	23.40	27.00

One-half Dozen in a Box.

IRWIN'S PATENT

IRWIN'S, Crucible Bit Steel, Oil Tempered, Solid Center Stem, Extension Lip, Double Screw, Polished.

Length of Twist About 12 in., Length of Shank 6 in.

Inches, 16ths	4	5	6	7	8	9
Ap. Wt. Doz., Lbs.	2¼	2½	3	3½	4½	5
Per Dozen	$9.00	9.00	9.00	10.00	11.25	12.50

Inches, 16ths	10	11	12	13	14
Ap. Wt. Doz., Lbs.	6	6½	7	8	8½
Per Dozen	$13.75	15.00	16.25	17.50	19.00

Inches, 16ths	15	16	17	18	20
Ap. Wt. Doz., Lbs.	9	10	11	13	14
Per Dozen	$20.50	22.00	24.00	26.00	30.00

One-half Dozen in a Box.

FORD'S

FORD'S, Crucible Cast Steel, Patent Concave Twist, Single Extension Lip, Polished.

Length of Twist 12 in., Length of Shank 6 in.

Inches, 16ths	4	5	6	7	8	9
Ap. Wt. Doz., Lbs.	1¾	2½	3½	4	5	6½
Per Dozen	$10.00	10.00	10.00	11.10	12.50	13.90

Inches, 16ths	10	11	12	13	14
Ap. Wt. Doz., Lbs.	7½	8½	9	11	12
Per Dozen	$15.25	16.65	18.05	19.45	21.10

Inches, 16ths	15	16	17	18	20
Ap. Wt. Doz., Lbs.	13	15	16	17	21
Per Dozen	$22.75	24.45	26.65	28.85	33.35

One-half Dozen in a Box.

Ship Car Bits.

CLIMAX

CLIMAX, Cast Steel, Polished, Single Twist, with Screw.

Length of Twist About 12 in.

Inches, 16ths	5	6	7	8	9
Ap. Wt. Doz., Lbs.	2¼	3	4	5	6
Per Dozen	$9.45	10.00	10.55	11.10	11.65

Inches, 16ths	10	11	12	13	14
Ap. Wt. Doz., Lbs.	7	8½	9½	10½	12
Per Dozen	$12.25	12.75	13.35	13.90	14.45

Inches, 16ths	15	16	17	18	20
Ap. Wt. Doz., Lbs.	14	16	18	20	22
Per Dozen	$15.55	16.10	17.25	17.75	19.45

One-half Dozen in a Box.

FORD'S

FORD'S, Crucible Cast Steel, Patent Concave Twist, with Screw.

Length of Twist 8 in.

Inches, 16ths	4	5	6	7	8
Ap. Wt. Doz., Lbs.	2	2½	3	4	5
Per Dozen	$8.35	8.35	8.35	8.35	8.35

Inches, 16ths	9	10	11	12
Ap. Wt. Doz., Lbs.	6	7	8½	9½
Per Dozen	$10.00	10.00	11.65	11.65

Inches, 16ths	13	14	15	16
Ap. Wt. Doz., Lbs.	10½	12	14	16
Per Dozen	$13.35	13.35	15.00	15.00

One-half Dozen in a Box.

Millwrights' Augers.

Extra Cast Steel, Polished, without Nut.

Length of Twist 12 in., Length Over All 30 in.

Size, Inches	½	⅝	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2
Ap. Wt. Per Dozen, Lbs.	12	12	13	14	16	18	22	24	26	28	30	34
Per Dozen	$18.35	21.10	21.10	23.90	26.65	33.35	33.35	37.75	42.20	48.85	57.75	66.60

One-quarter Dozen in a Package.

Carpenters' Nut Augers.

Extra Cast Steel, Polished, Brass Nut.

Size, Inches	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝
Ap. Weight Per Dozen, Lbs.	5	6	7	8	9	10	12	13	14	16
Per Dozen	$4.15	4.75	5.40	6.00	6.70	7.50	8.50	9.50	11.00	12.00

Size, Inches	1¾	1⅞	2	2⅛	2¼	2½	3	3¼	3½	4
Ap. Weight Per Dozen, Lbs.	20	22	24	26	29	33	36	48	54	75
Per Dozen	$13.00	14.00	15.00	17.50	20.00	25.00	45.00	60.00	75.00	105.00

½ to 2½ in., One-half Dozen in a Box; Balance, Open Stock.

Boring Machine Augers.

No. 5—Extra Cast Steel.
Length of Twist About 7 in.

Size, Inches	1	1¼	1½	1¾	2
Ap. Wt. Dozen, Lbs.	8	9	10	13	15
Per Dozen	$7.50	9.50	12.00	14.00	16.00

IN SETS

Per Set
Sets of 18 Quarters—One Each, 1, 1½ and 2 in. $3.00

Approx. Weight Per Set 3 Pounds.

No. 5 Augers are for Nos. 20, 30 and 35 Boring Machines.

No. 10—Extra Cast Steel.
Length of Finish About 7 in.

Size, Inches	1	1¼	1½	1¾	2
Ap. Wt. Dozen, Lbs.	8	9	10	13	15
Per Dozen	$9.00	11.40	14.40	16.80	19.20

IN SETS

Per Set
Sets of 18 Quarters—One Each 1, 1½ and 2 in. $3.60

Approx. Weight Per Set 3 Pounds.

No. 10 Augers are for Phillips' Boring Machine, either Round or Square Shank.

One-quarter Dozen in a Box.

FORD'S

No. 15—Cast Steel, Extension Lip.
Length of Twist About 8 in.

Size, Inches	1	1¼	1½	1¾	2
Ap. Wt. Dozen, Lbs.	10	13	17	26	30
Per Dozen	$17.75	20.20	26.65	31.10	35.55

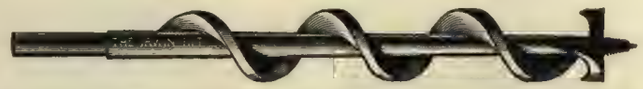
One-quarter Dozen in a Box.

Per Set
Sets of 18 Quarters—One Each 1, 1½ and 2 in. $6.70

Approx. Weight Per Set 5 Pounds.

Open Stock.

IRWIN'S



No. 20—Crucible Bit Steel, Oil Tempered, Solid Center Stem, Polished.
Length of Twist About 8 in., Entire Length 11½ in.

Size, Inches	1	1¼	1½	1¾	2
Ap. Wt. Dozen, Lbs.	8	10	13	18	20
Per Dozen	$12.00	15.25	19.20	22.25	25.60

One-quarter Dozen in a Box.

Per Set
Sets of 18 Quarters—One Each 1, 1½ and 2 in. $4.75

Approx. Weight Per Set 3½ Pounds.

Open Stock.

Machine Bits.

RUSSELL JENNINGS'

Extra Cast Steel, Polished, Extension Lip.
Length of Twist 4 in., Turned Shank 2 in. Long, ½ in. Diameter.

Inches, 16ths	4	5	6	7	8	9	10
Approx. Weight Per Dozen, Lbs.	2	2¼	2½	2¾	3	3¼	3½
Per Dozen	$7.45	8.00	8.55	9.40	10.30	11.40	12.55

Inches, 16ths	11	12	13	14	16	18	20
Approx. Weight Per Dozen, Lbs.	3¾	4	4½	4¾	5	5½	6
Per Dozen	$13.70	14.85	16.00	17.10	19.40	21.65	23.95

One-half Dozen in a Box.

Dowel Bits.

RUSSELL JENNINGS'

Extra Cast Steel, Polished, Extension Lip.

For Brace.
Length of Twist 1¾ in., Entire Length 3 in.

Per Dozen
No. 10—$\frac{5}{16}$ in., Square Shank. $5.35

Approx. Weight Per Dozen ½ Pound.

One-half Dozen in a Box.

For Machine.
Length of Twist 2 in., Entire Length 4¼ in.

Per Dozen
No. 12—$\frac{3}{8}$ in., 2¼ x $\frac{5}{16}$ in. Round Shank. $5.35

Approx. Weight Per Dozen 1 Pound.

One-half Dozen in a Box.

Expansive Bits.

GENUINE CLARK'S

Tool Steel, Polished, Single Thread Screw, Tempered and Sharpened Cutters.

Small. — Per Dozen

No. 1—With Two Cutters, Cutting from ½ to 1½ in., Length Over All 8 in. **$12.00**
Weight Per Dozen About 3½ Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR SMALL BIT

Nos.	1	2
Cuts, Inches	½ to ⅞	⅞ to 1½
Per Dozen	$2.00	2.50

Weight Per Dozen About ½ Pound.
One-half Dozen in a Box.

Large. — Per Dozen

No. 2—With Two Cutters, Cutting from ⅞ to 3 in., Length Over All 10 in. **$17.35**
Weight Per Dozen About 7 Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR LARGE BIT

Nos.	3	4	5	6
Cuts, Inches	⅞ to 1¾	1¾ to 3	3 to 4	4 to 5
Per Dozen	$3.50	4.00	6.00	8.00

Weight Per Dozen About ¾ Pound.
One-half Dozen in a Box.

WRIGHT'S JENNINGS'

Extra Quality Steel, Polished, Sharpened and Tempered Cutters.

Small. — Per Dozen

No. 20—With Two Cutters, Cutting from ⅝ to 1¾ in., Length Over All 8 in. **$26.45**
Weight Per Dozen About 4 Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR SMALL BIT

Nos.	1	2
Cuts, Inches	⅝ to 1⅛	1⅛ to 1¾
Per Dozen	$6.60	4.50

Weight Per Dozen About ½ Pound.
One-half Dozen in a Box.

Large. — Per Dozen

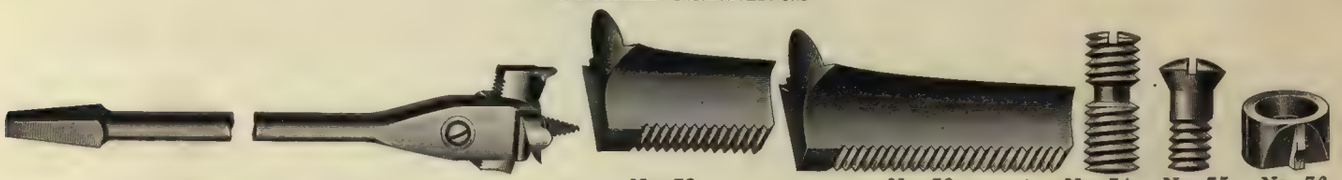
No. 10—With Two Cutters, Cutting from ⅞ to 3 in., Length Over All 9¼ in. **$31.10**
Weight Per Dozen About 7 Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR LARGE BIT

Nos.	3	4	5
Cuts, Inches	⅞ to 1¾	1¾ to 3	3 to 4
Per Dozen	$6.30	7.20	10.80

Weight Per Dozen About ¾ Pound.
One-half Dozen in a Box.

RUSSELL JENNINGS'



No. 73. No. 72. No. 74. No. 75. No. 76.

Solid Head, Extra Quality Steel, Polished, Tempered and Sharpened Cutters, Ordinary Bit Shank. — Per Dozen

No. 71—With Two Cutters, Cutting from ⅞ to 2½ in., Length Over All 9 in. **$26.60**
Weight Per Dozen About 6 Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR No. 71

Nos.	73	72
Cuts, Inches	⅞ to 1½	1½ to 2½
Per Dozen	$6.40	7.20

Weight Per Dozen About ¾ Pounds.
One-half Dozen in a Box.

EXTRA PARTS FOR No. 71

Per Dozen

No. 74—Adjusting Screw **$1.30**
No. 75—Clamping Screw ..... **.96**
No. 76—Beveled Washer **1.60**
Open Stock.

JENNINGS' STEERS' PATENT.

Tool Steel, Polished, Tempered and Sharpened Cutters.

Small. — Per Dozen

No. 01—With Two Cutters, Cutting from ⅝ to 1¾ in., Length Over All 8 in. **$31.75**
Weight Per Dozen About 3½ Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR SMALL BIT

Nos.	1	2
Cuts, Inches	⅝ to 1⅛	1⅛ to 1¾
Per Dozen	$4.35	5.40

Weight Per Dozen About ½ Pound.
One-half Dozen in a Box.

Large. — Per Dozen

No. 02—With Two Cutters, Cutting from ⅞ to 3 in., Length Over All 9½ in. **$37.55**
Weight Per Dozen About 7 Pounds.
One-twelfth Dozen in a Box.

CUTTERS FOR LARGE BIT

Nos.	3	4	5
Cuts, Inches	⅞ to 1¾	1¾ to 3	3 to 4
Per Dozen	$7.60	8.70	17.40

Weight Per Dozen About ¾ Pound.
One-half Dozen in a Box.

Bit Stock Drill Sets.

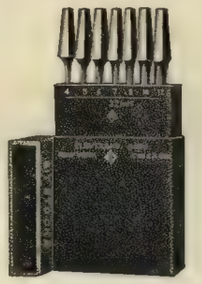
CLEVELAND

In Round Box.

Per Set

No. 13—Bit Stock Drill Set, Consisting of 9 No. 114 Drills, One Each 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8 in., in a Handsome Tin Lithographed Round Box, Size 2 1/2 in. in Diameter, 6 1/2 in. Long **$1.80**

Weight Per Set About 1 1/8 Pounds.
One Set in a Box.



In Flat Case.

Per Set

No. 14B—Bit Stock Drill Set, Consisting of 7 No. 114 Drills, One Each 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8 in., in a Flat Case Covered with Green Colored Leatherette, Gold Embossed, Size 7x3 1/2x3/4 in. **$1.70**

Weight Per Set About 7/8 Pound.
One Set in a Box.

Wood Bit Sets.

CLEVELAND

In Round Box.

Per Set

No. 13A—Wood Bit Set, Consisting of 9 No. 114A Bits, One Each 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8 in., in a Round Tin Lithographed Box, Size 2 1/2 in. Diameter, 8 3/4 in. Long **$2.00**

Weight Per Set About 1 3/8 Pounds.
One Set in a Box.

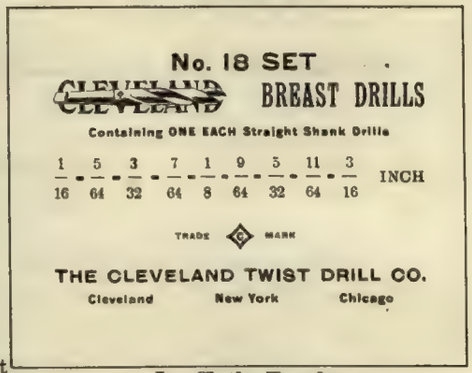
In Flat Box.

Per Set

No. 13B—Wood Bit Set, Consisting of 7 No. 114A Bits, One Each 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8 in., in a Flat Case Covered with Dark Green Corduroy Silk, Beautifully Embossed in Gold, Size 8 3/4 x 3 1/2 x 3/4 in. **$1.90**

Weight Per Set About 1 Pound.
One Set in a Box.

Breast Drill Set.



In Cloth Envelope.

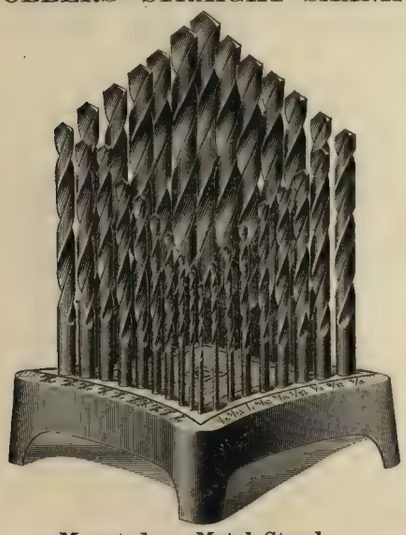
Per Set

No. 18—Breast Drill Set, Containing One Each 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 11/64, and 3/16 in. **Straight Shank Drills,** in Special Cloth Holder..... **$1.00**

For especial use around the Home, in Automobile Repair Kit and in Garages.

Weight Per Set About 1/4 Pound.

JOBBERS' STRAIGHT SHANK



Mounted on Metal Stand.

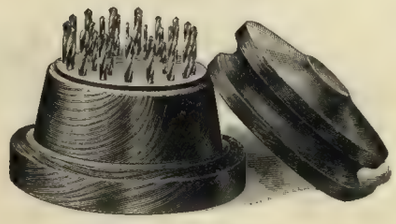
Per Set

No. 50—Jobbers' Straight Shank Drill Set, Consisting of All Sizes 1/16 to 1/2 in. inclusive by 64ths, Each Drill Fits in a Hole Plainly Marked with its Size, Complete with Oxidized Copper Finish Metal Stand..**$8.10**

Weight Per Set About 4 Pounds.
One Set in a Box.

Drill Sets.

JEWELERS'



Mounted in Mahogany Case.

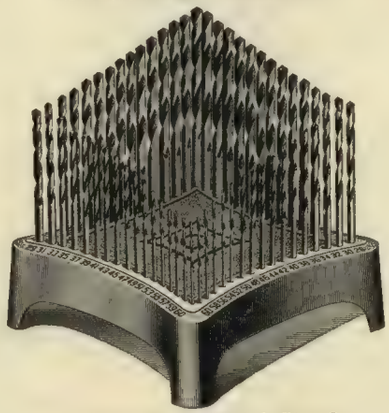
Per Set

No. 10—Jewelers' Drill Set, Consisting of 36 Drills, No. 30 (1/8 in.) to No. 65 Wire Gauge, in Mahogany Case with Cap **$3.05**

Weight Per Set About 3/8 Pound.

One Set in a Box.

STRAIGHT SHANK



Mounted on Metal Stand.

Per Set

No. 80—Straight Shank Steel Wire Gauge Drill Set, Consisting of All Sizes from No. 1 to 60 inclusive. The Size Drill Fitting Each Hole Plainly Marked on the Stand. Complete with Oxidized Copper Finish Metal Stand **$6.85**

Weight Per Set About 2 3/8 Pounds.
One Set in a Box.

Twist Drill Bits.

CLEVELAND

No. 106—Taper Shank, Carbon Steel.

Size, Inches	1/8	5/32	3/16	7/32	1/4	9/32	5/16
Length, Inches	5 1/8	5 5/8	5 3/4	5 7/8	6 1/8	6 1/4	6 3/8
Ap. Wt. Doz., Lbs.	1 1/2	1 1/2	1 1/2	1 3/4	1 3/4	2	2
Each	$0.32	.32	.35	.39	.42	.46	.49

Size, Inches	11/32	3/8	13/32	7/16	15/32	1/2
Length, Inches	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4
Ap. Wt. Doz., Lbs.	2	2 1/4	2 1/2	2 1/2	3	3
Each	$0.53	.56	.60	.63	.67	.70

Size, Inches	17/32	9/16	19/32	5/8	21/32	11/16
Length, Inches	8	8 1/4	8 1/2	8 3/4	9	9 1/4
Ap. Wt. Doz., Lbs.	3 1/2	4	5 1/2	6	6 1/2	7 1/2
Each	$0.77	.84	.91	.98	1.05	1.12

Size, Inches	23/32	3/4	25/32	13/16	27/32	7/8
Length, Inches	9 1/2	9 3/4	9 7/8	10	10 1/4	10 1/2
Ap. Wt. Doz., Lbs.	8	8 1/2	9	9 1/2	10	11
Each	$1.19	1.30	1.40	1.56	1.61	1.71

Size, Inches	29/32	15/16	31/32	1	1 1/16	1 1/8
Length, Inches	10 5/8	10 3/4	10 7/8	11	11 1/4	11 3/4
Ap. Wt. Doz., Lbs.	13	16	16	17	18	21
Each	$1.82	1.93	2.03	2.10	2.38	2.66

Size, Inches	1 3/16	1 1/4	1 5/16	1 3/8	1 7/16	1 1/2
Length, Inches	12	12 1/2	14 1/4	14 1/2	14 3/4	15
Ap. Wt. Doz., Lbs.	24	26	32	36	40	46
Each	$2.94	3.15	3.36	3.64	3.92	4.20

Open Stock.

No. 108—Straight Shank, Carbon Steel.

Size, Inches	1/16	5/64	3/32	7/64	1/8	9/64
Length, Inches	2 1/2	2 5/8	2 3/4	2 7/8	3	3 1/8
Ap. Wt. Doz., Lbs.	1/8	1/8	1/8	1/8	1/4	1/4
Per Dozen	$0.70	.77	.84	.91	1.02	1.12

Size, Inches	5/32	11/64	3/16	13/64	7/32	15/64
Length, Inches	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	3 7/8
Ap. Wt. Doz., Lbs.	1/4	1/4	1/4	3/8	1/2	1/2
Per Dozen	$1.26	1.40	1.54	1.68	1.85	2.03

Size, Inches	1/4	17/64	9/32	19/64	5/16	21/64
Length, Inches	4	4 1/8	4 1/4	4 3/8	4 1/2	4 5/8
Ap. Wt. Doz., Lbs.	5/8	5/8	3/4	3/4	7/8	1
Per Dozen	$2.21	2.38	2.56	2.73	2.94	3.15

Size, Inches	11/32	23/64	3/8	25/64	13/32	27/64
Length, Inches	4 3/4	4 7/8	5	5 1/8	5 1/4	5 3/8
Ap. Wt. Doz., Lbs.	1 1/8	1 1/4	1 1/4	1 1/2	1 5/8	1 3/4
Per Dozen	$3.36	3.57	3.78	3.99	4.20	4.48

Size, Inches		7/16	29/64	15/32	31/64	1/2
Length, Inches		5 1/2	5 5/8	5 3/4	5 7/8	6
Ap. Wt. Doz., Lbs.		2	2 1/8	2 1/4	2 3/8	2 1/2
Per Dozen		$4.76	5.04	5.25	5.43	5.60

Open Stock.

No. 108A—Wire Gauge, Straight Shank, Carbon Steel.

Wire Ga. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Dec. Dia., In.	.2280	.2210	.2130	.2090	.2055	.204	.201	.199	.106	.1935	.191	.189	.185	.182	.180	.177
Length, In.	4	3 15/16	3 15/16	3 7/8	3 13/16	3 13/16	3 3/4	3 11/16	3 11/16	3 5/8	3 5/8	3 5/8	3 1/2	3 7/16	3 7/16	3 3/8
Per Dozen	$1.65	1.65	1.65	1.65	1.65	1.58	1.58	1.58	1.58	1.58	1.47	1.47	1.47	1.47	1.47	1.37

Wire Ga. No.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Dec. Dia., In.	.173	.1695	.166	.161	.159	.157	.154	.152	.1495	.147	.144	.1405	.136	.1285	.120	.116
Length, In.	3 5/16	3 5/16	3 1/4	3 3/16	3 3/16	3 1/8	3 1/16	3 1/16	3	2 15/16	2 15/16	2 7/8	2 13/16	2 13/16	2 3/4	2 11/16
Per Dozen	$1.37	1.37	1.37	1.37	1.22	1.22	1.22	1.22	1.22	1.09	1.09	1.09	1.09	1.09	.98	.98

Wire Ga. No.	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Dec. Dia., In.	.113	.111	.110	.1065	.104	.1015	.0995	.098	.096	.0935	.089	.086	.082	.081	.0785	.076
Length, In.	2 11/16	2 5/8	2 9/16	2 9/16	2 1/2	2 7/16	2 7/16	2 3/8	2 7/16	2 9/16	2 1/4	2 9/16	2 9/16	2 1/8	2 1/16	2 1/16
Per Dozen	$0.98	.98	.98	.88	.88	.88	.88	.88	.77	.77	.77	.77	.77	.67	.67	.67

Wire Ga. No.	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Dec. Dia., In.	.073	.070	0.67	.0635	.0595	.055	.052	.0465	.043	.042	.041	.040	.039	.038	.037	.036
Length, In.	2	1 15/16	1 15/16	1 7/8	1 13/16	1 13/16	1 3/4	1 11/16	1 11/16	1 5/8	1 5/8	1 5/8	1 1/2	1 1/2	1 1/2	1 1/2
Per Dozen	$0.67	.67	.67	.67	.67	.67	.67	.67	.67	.67	.67	.67	.63	.63	.63	.63

Wire Ga. No.	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Dec. Dia., In.	.035	.033	.032	.031	.02925	.028	.026	.025	.024	.0225	.021	.020	.018	.016	.0145	.0135
Length, In.	1 1/2	1 1/2	1 7/16	1 7/16	1 3/8	1 5/16	1 5/16	1 1/4	1 3/16	1 1/8	1 1/16	1	15/16	7/8	13/16	3/4
Per Dozen	$0.63	.63	.63	.63	.63	.63	.70	.70	.70	.70	.70	.70	.70	.70	.70	.70

Approx. Weight Per Dozen About ¼ Pound.
Open Stock.

No. 120—For Blacksmiths' Drills, Carbon Steel.
Shank ½ in. Diameter, 2¼ in. Long.

Size, Inches	1/8	5/32	3/16	7/32	1/4	9/32
Length, Inches	4 7/8	4 7/8	5 5/8	5 5/8	6	6
Ap. Wt. Dozen, Lbs.	1 1/2	1 1/2	1 3/4	1 7/8	2	2
Each	$0.32	.32	.35	.39	.42	.46

Size, Inches	5/16	11/32	3/8	13/32	7/16	15/32
Length, Inches	6	6	6	6	6	6
Ap. Wt. Dozen, Lbs.	2	2 1/4	2 1/4	2 1/2	2 1/2	2 3/4
Each	$0.49	.51	.53	.55	.56	.58

Size, Inches	1/2	17/32	9/16	19/32	5/8	21/32
Length, Inches	6	6	6	6	6	6
Ap. Wt. Dozen, Lbs.	2 7/8	3	3 1/2	4	4	4
Each	$0.60	.62	.63	.67	.74	.77

Size, Inches	11/16	3/4	13/16	7/8	15/16	1
Length, Inches	6	6	6	6	6	6
Ap. Wt. Dozen, Lbs.	4 1/2	5	6	6 1/2	7	7
Each	$0.81	.88	.95	1.02	1.12	1.26

No. 116—For Blacksmiths' Drills, Carbon Steel.
Shank 5/8 in. Diameter, 2¼ in. Long.

Size, Inches	1/8	5/32	3/16	7/32	1/4	9/32	5/16
Length, Inches	4 7/8	5 5/8	5 5/8	6	6	6	6
Ap. Wt. Dozen, Lbs.	3	3	3	3	3	3	3 1/4
Each	$0.39	.42	.46	.49	.51	.53	

Size, Inches	11/32	3/8	13/32	7/16	15/32	1/2
Length, Inches	6	6	6	6	6	6
Ap. Wt. Dozen, Lbs.	3 1/2	4	4	4	4	4 1/2
Each	$0.56	.60	.62	.63	.65	.67

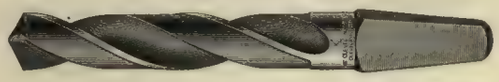
Size, Inches	17/32	9/16	19/32	5/8	21/32	11/16
Length, Inches	6	6	6	6	6	6
Ap. Wt. Dozen, Lbs.	4 1/2	4 1/2	5	5	5	5 1/2
Each	$0.69	.70	.72	.74	.77	.81

Size, Inches		3/4	13/16	7/8	15/16	1
Length, Inches		6	6	6	6	6
Ap. Wt. Dozen, Lbs.		6	7	7	8	8
Each		$0.88	.95	1.02	1.12	1.26

Open Stock.

Twist Drill Bits.

CLEVELAND



No. 111—Square Shank Ratchet, Carbon Steel, Shanks ⅜x⅝x1½ in. Long.

Size, Inches	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8
Length, Inches	5	5	6	6¼	6½	6½	6½	6½	6½	7	7½
Ap. Wt. Per Dozen, Lbs.	2	2¼	2½	3	3½	4	4½	4½	5½	6½	8
Each	$1.16	1.28	1.39	1.45	1.51	1.57	1.63	1.68	1.80	2.03	2.38

Size, Inches		15/16	1	1 1/16	1⅛	1 3/16	1¼	1 5/16	1⅜	1 7/16	1½
Length, Inches		8	8½	8½	9	9	9	9	9	9	9
Ap. Wt. Per Dozen, Lbs.		10	11	14	14½	16	17½	18	21	24	27
Each		$2.67	2.96	3.30	3.60	3.90	4.25	4.52	4.87	5.23	5.57

Open Stock.

CLEVELAND

No. 114—Bit Stock, for Metal and Wood.

Size, Inches	1/16	3/32	1/8	5/32	3/16	7/32
Length, Inches	3 3/16	4	4	4¼	4½	4¾
Ap. Wt. Doz., Lbs.	¾	¾	¾	¾	⅞	1
Per Dozen	$0.90	1.00	1.26	1.56	1.86	2.16

Size, Inches	1/4	9/32	5/16	11/32	3/8	13/32
Length, Inches	5	5¼	5½	5¾	6	6¼
Ap. Wt. Doz., Lbs.	1	1⅛	1¼	1½	1¾	2
Per Dozen	$2.46	2.82	3.24	3.78	4.32	4.80

Size, Inches	7/16	15/32	1/2	9/16	5/8	3/4
Length, Inches	6½	6¾	7	7½	7½	7½
Ap. Wt. Doz., Lbs.	2¼	2½	2¾	3½	4	5½
Per Dozen	$5.28	5.76	6.18	8.61	9.69	11.85

One Dozen in a Box.

CLEVELAND

No. 114A—Wood Bits, for Brace.

Inches, 32nds	2	3	4	5	6	7
Length, Inches	3½	4	4⅝	5 3/16	5 11/16	6⅛
Ap. Wt. Doz., Lbs.	⅝	¾	¾	¾	⅞	1
Per Dozen	$1.52	1.52	1.52	1.67	1.90	2.38

Inches, 32nds	8	9	10	11	12	13
Length, Inches	6 7/16	7	7½	7⅞	8	8¼
Ap. Wt. Doz., Lbs.	1⅛	1¼	1½	1¾	1⅞	2
Per Dozen	$2.85	3.32	3.32	3.80	3.80	4.27

Inches, 32nds	14	15	16	17	18	20
Length, Inches	8½	8⅝	9	9	9⅜	9⅝
Ap. Wt. Doz., Lbs.	2¼	2⅜	2⅝	3	3½	3½
Per Dozen	$4.27	4.75	4.75	5.22	5.22	5.70

One Dozen in a Box.

Bell Hangers' Drill Bits.

CLEVELAND

Bell Hangers' and Electricians'.

No 18—18 in. Long.

Size, Inches	5/16	1/4	5/16	3/8	1/2	5/8
Approx. Weight Per Dozen, Lbs.	3	3½	4	4½	7	9
Per Dozen	$7.40	7.40	7.90	8.45	10.55	12.70

No. 24—24 in. Long.

Size, Inches	5/16	1/4	5/16	3/8	1/2	5/8
Approx. Weight Per Dozen, Lbs.	3½	4	4½	5	9	10
Per Dozen	$9.50	9.50	10.00	10.55	12.70	14.80

5/16 to 3/8 in., One Dozen; ½ and 5/8 in., One-half Dozen in a Box.

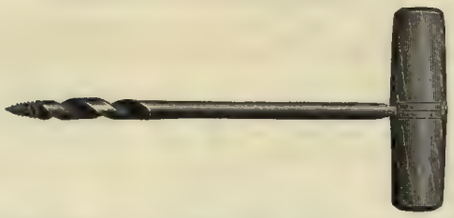
Bell Hangers' Gimlets.

High Grade Crucible Steel, Hardened and Tempered, Double Cut Gimlet, Screw Point, Applewood Handle.

Nos.	324	330	336	424	430	436
Diameter, Inches	5/16	5/16	5/16	¼	¼	¼
Length, Inches	24	30	36	24	30	36
Approx. Weight Per Dozen, Lbs.	4	4½	5	4¼	4¾	5¼
Per Dozen	$10.90	12.45	14.00	10.90	12.45	14.00

One-half Dozen in a Box.

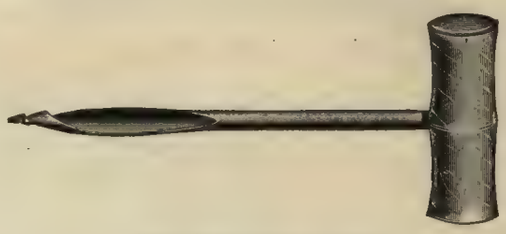
Nail Gimlets.



Best Cast Steel, Carefully Tempered, Wood Head, Double Cut Gimlet.

Nos.	1	2	3	4
Size, Inches	1/8	3/16	7/32	1/4
Ap. Wt. Per Gross, Lbs.	2 1/2	4	5 1/2	7
Per Gross	$14.10	16.30	18.40	21.50

One-quarter Gross in a Box.



Cast Steel, Wood Head.

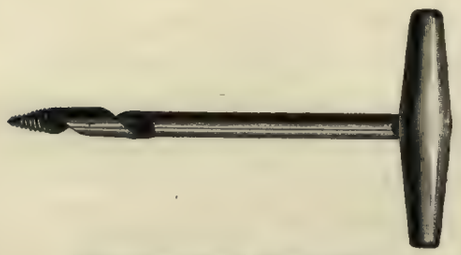
Per Dozen

No. 18—Assorted Sizes 1/8 and 1/4 in. $1.65

Weight Per Dozen About 1/2 Pound.

Six Dozen in a Box.

Nail Gimlets.



Fine Cast Steel, Metal Head.

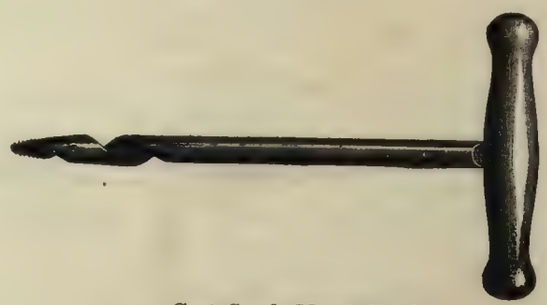
Per Gross

No. 01—Assorted Sizes, Nos. 1, 2 and 3, Weight Per Gross About 8 Lbs. $8.35

No. 02—Assorted Sizes, Nos. 2 and 3, Weight Per Gross About 9 Lbs. 8.90

One-half Gross in a Box.

Spike Gimlets.



Cast Steel, Metal Head.

Per Dozen

No. 12—Assorted Sizes, Nos. 1 and 2, Length Over All 4 1/2 in. $1.35

Weight Per Dozen About 2 Pounds.

Three Dozen in a Box.

Gimlet Bits.

No. 6030—German, Solid Crucible Steel, Black Finish.

Inches, 32nds	1	2	3	4	5	6
Ap. Wt. Doz., Lbs.	5/8	5/8	5/8	3/4	3/4	3/4
Per Dozen	$1.55	1.55	1.55	1.55	1.55	1.55

Inches, 32nds	7	8	9	10	11	12
Ap. Wt. Doz., Lbs.	7/8	7/8	1	1 1/8	1 1/4	1 1/2
Per Dozen	$1.55	1.55	1.55	1.55	1.55	1.55

Per Dozen

Assorted Sizes $1.55

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

No. 200—Hammer Forged Cast Steel, Hardened and Tempered.

Size, Nos.	0	1	2	3	4	5	6
Inches, 32nds	4	5	6	7	8	9	10
Ap. Wt. Doz., Lbs.	1/2	1/2	5/8	3/4	7/8	1	1 1/8
Per Dozen	$1.45	1.60	1.78	1.94	2.12	2.30	2.47

Per Dozen

Assorted Sizes, Nos. 1 to 6 ..... $2.03

Weight Per Dozen About 3/4 Pound.

One Dozen in a Box.

Brace Bits.

Taper Pod Gimlet.

Per Dozen

No. 16—Snell's, Cast Steel, with Screw, Assorted Sizes .. $1.70

Weight Per Dozen About 3/4 Pound.

One Dozen in a Box.

No. 19—German Lip, Straw Color.

Inches, 16ths	1	2	3	4	5	6
Ap. Wt. Doz., Lbs.	5/8	3/4	3/4	1	1 1/8	1 3/8
Per Dozen	$1.70	1.70	1.70	1.70	2.00	2.00

One Dozen in a Box.

No. 20—German Spoon, Straw Color.

Inches, 16ths	2	3	4	5	6	7
Ap. Wt. Doz., Lbs.	3/4	3/4	7/8	1	1 1/8	1 3/8
Per Dozen	$1.70	1.70	1.70	2.00	2.25	2.70

One Dozen in a Box.

German Taper.

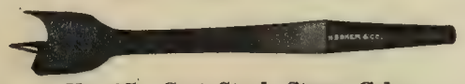
Per Dozen

No. 18—German, Cast Steel, Straw Color $3.35

Weight Per Dozen About 1 1/4 Pounds.

One Dozen in a Box.

Center Bits.



No. 25—Cast Steel, Straw Color.

Inches	1/4	5/16	3/8	1/2	5/8	3/4
Ap. Wt. Doz., Lbs.	5/8	3/4	1	1	1 1/8	1 1/8
Per Dozen	$1.25	1.25	1.25	1.25	1.25	1.25
Inches		7/8	1	1 1/8	1 1/4	1 3/8
Ap. Wt. Doz., Lbs.		1 1/4	1 3/8	1 1/2	2	2
Per Dozen		$1.25	1.25	1.55	1.70	2.12
Inches		1 1/2	1 5/8	1 3/4	1 7/8	2
Ap. Wt. Doz., Lbs.		2 1/2	3	3 1/2	3 3/4	4
Per Dozen		$2.35	2.80	3.20	3.90	4.40

Open Stock.

STANLEY'S

No. 26—Forged Crucible Steel, Oil Tempered and Polished.

Tip, Inches	1/4	5/16	3/8	1/2	5/8	3/4
Length, Inches	4 1/2	4 3/4	5	5	5	5
Ap. Wt. Doz., Lbs.	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/4
Per Dozen	$1.80	1.80	1.80	1.80	1.80	1.80

One Dozen in a Package.

Screw Driver Bits.

No. E360—EVERKEEN, Drop Forged Polished Tool Steel, Scored or Fluted Bit, which Prevents Slipping Out of Screw Slot.

Sizes	1	2	3	4
Length, Inches	4 1/2	4 1/2	5	5
Size of Point, Inches	7/32	1/4	5/16	1/2
Diam. of Stock, Inches	7/32	1/4	5/16	1/2
Ap. Wt. Per Dozen, Lbs.	7/8	1 1/8	1 1/2	1 5/8
Per Dozen	$2.90	3.00	3.35	3.70

One Dozen in a Box.

DOUBLE

Screw Driver Bits.

Extra Cast Steel, Tempered, Full Polished. Per Dozen

No. 120—Assorted Two Sizes, Small Size with One End 1/4 in. Wide, for Nos. 6 to 8 Screws and Large End 1/8 in. for Nos. 8 to 12 Screws, Large Size with One End 1/8 in. Wide for Nos. 8 to 12 Screws and Large End 3/8 in. Wide for Nos. 12 to 16 Screws.....$2.80

Weight Per Dozen About 1 3/8 Pounds.
One Dozen in a Box.

VAUGHAN & BUSHNELL

Drop Forged Steel, Oil Tempered, Polished Bit.

Per Dozen

No. 1—Assorted Widths, Length Over All 4 1/2 in.....$2.15

Weight Per Dozen About 1 1/2 Pounds.
One Dozen in a Box.

VAUGHAN & BUSHNELL

Drop Forged Steel, Oil Tempered, Natural Finish, Polished Bit.

Per Dozen

No. 2—Assorted Widths, Length Over All 4 5/8 in.....$1.90

Weight Per Dozen About 1 1/2 Pounds.
One Dozen in a Box.

BARTON'S

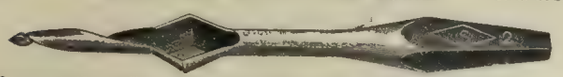
Cast Steel, Full Polished.

Per Dozen

No. 12—Assorted Widths, Length Over All About 4 1/2 in.....$3.60

Weight Per Dozen About 1 3/4 Pounds.
One Dozen in a Box.

SHEPARDSON'S DIAMOND



Forged Cast Steel, Hand Turned Twist, Wormer Point.

Per Dozen

No. 280—Assorted Sizes, Nos. 0, 1 and 2 (7/32, 1/8 and 3/32 in.), for 3/4 to 1 1/4 in. Screws.....$2.80

Weight Per Dozen About 3/4 Pound.
One Dozen in a Box.

Countersink Bits.

SNELL'S

Best Cast Steel.

Per Dozen

No. 65—Assorted Sizes, for 3/4, 1, 1 1/4 and 1 1/2 in. Screws.....$2.80

Weight Per Dozen About 3/4 Pound.
One Dozen in a Box.

Drop Forged Tool Steel, Polished, for All Metals.

Per Dozen

No. E310—Cuts to 1/2 in., Length 4 in.....$3.35

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Drop Forged Tool Steel, Polished, for Wood, Double Undercut Milled Lips.

Per Dozen

No. E300—Cuts to 1/2 in., Length 4 in.....$3.35

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

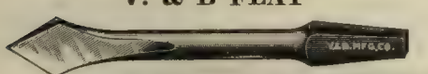
Hammer Forged Tool Steel, Polished, Milled Teeth, Rose Head, for Wood or Soft Metal.

Per Dozen

No. E315—Cuts to 1/2 in., Length 4 in.....$3.90

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

V. & B FLAT



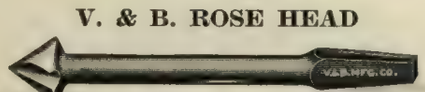
Drop Forged Solid Steel, Oil Tempered, Polished, for Iron.

Per Dozen

No. 3—Cuts to 1/8 in., Length 3 3/4 in.....$2.25

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

V. & B. ROSE HEAD



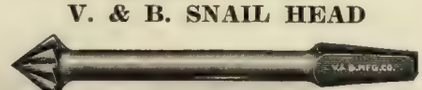
Drop Forged Solid Steel, Oil Tempered, Polished, for Brass.

Per Dozen

No. 4—Cuts to 1/8 in., Length 3 3/4 in.....$2.60

Weight Per Dozen About 1 1/8 Pounds
One Dozen in a Box.

V. & B. SNAIL HEAD



Drop Forged Solid Steel, Oil Tempered, Polished, for Wood.

Per Dozen

No. 5—Cuts to 1/8 in., Length 3 3/4 in.....$2.25

Weight Per Dozen About 1 1/8 Pounds.
One Dozen in a Box.

BARTON'S FLAT

Cast Steel, Polished, for Iron. Per Dozen

No. 13—Cuts to 3/4 in., Length 4 1/2 in.....$3.60

Weight Per Dozen About 1 1/2 Pounds.
One Dozen in a Box.

BARTON'S SNAIL HEAD

Cast Steel, Polished, for Wood. Per Dozen

No. 15—Cuts to 1/8 in., Length 4 in.....$4.70

Weight Per Dozen About 1 1/4 Pounds.
One Dozen in a Box.

Countersink Bits.

STARRETT'S

Forged Steel, Twisted and Tempered, Double Lip, Self-Centering, for Wood.

Per Dozen

No. 195A—⅝ in., Length 4¼ in. **$7.50**
No. 195B—⅞ in., Length 4½ in. **8.45**

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

CLARK'S

Cast Steel, Double Cut, Nickel Plated, for Wood. Per Dozen

No. 16—Cuts Up to ⅞ in., Length 4¼ in. **$6.70**

Weight Per Dozen About 2¼ Pounds.
One Dozen in a Box.

STANLEY'S

Malleable Iron, Nickel Plated, for Wood.

Per Dozen

No. 18—Cuts Up to ¾ in., Length 4¼ in., without Gauge..... **$3.35**

Weight Per Dozen About 1½ Pounds.
One-half Dozen in a Package.

LIGHTNING

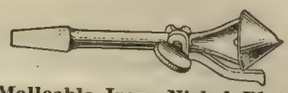
For Iron, Bit Brace Shank.

Per Dozen

No. 1—Cuts Up to ⅝ in., Length 4¼ in. **$8.00**

Weight Per Dozen About 2½ Pounds.
Open Stock.

STANLEY'S



Malleable Iron, Nickel Plated, for Wood.

Per Dozen

No. 20—Cuts Up to ¾ in., Length 4¼ in., with Depth Gauge.. **$5.00**

Weight Per Dozen About 2 Pounds.
One-half Dozen in a Package.

LIGHTNING

For Iron, ½ in. Round Shank.

Per Dozen

No. 2—Cuts Up to ⅝ in., Length 4¼ in. **$8.00**

Weight Per Dozen About 3½ Pounds.
Open Stock.

Bit Stock Taper Reamers.

No. 7—Taper, Extra Cast Steel, Fluted, for Bit Brace.

Size, Inches	¼	5/16	⅜	7/16	½
Length of Flute, Inches.	1⅞	2	2⅛	2¼	2 9/16
Length Over All, Inches.	4¼	4½	4¾	4 13/16	5 1/16
Ap. Wt. Per Dozen, Lbs.	⅞	1	1¼	1½	2½
Each	$0.60	.67	.73	.80	.93

Size, Inches	9/16	¾	⅞	1
Length of Flute, Inches.	2¾	3⅛	3½	4
Length Over All, Inches.	5 1/16	6¼	6 11/16	7¼
Ap. Wt. Per Dozen, Lbs.	3¼	5¼	7½	10½
Each	$1.20	1.60	2.13	2.67

One Dozen in a Box.

No. 387—MAYHEW, Fluted Taper, Milled Tool Steel, Tempered, can be used in any kind of Metal, Fibre, Hard Rubber, Etc.

Size, Inches	½	⅞	1½
Cuts, Inches	⅛ to ½	¼ to ⅞	⅜ to 1½
Length of Flute, Inches.	4	3	3
Length Over All, Inches.	6	5½	5½
Ap. Wt. Per Dozen, Lbs.	1⅝	3¾	7½
Per Dozen	$13.35	22.25	26.65

½ in., One Dozen; ⅞ and 1½ in., One-twelfth Dozen in a Box.

Reamer Bits.

Square.

Per Dozen

No. 80—Drop Forged Steel, Hollow Ground Sides, Oil Tempered and Polished, Reams Up to ⅝ in. Hole, Length Over All 6½ in..... **$4.45**

Weight Per Dozen About 2½ Pounds.

Per Dozen

No. 18—Barton's, Cast Steel, Full Polished **$3.60**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Half Round.

Per Dozen

No. 9—Drop Forged Steel, Polished, Reams Up to ⅝ in. Hole, Length Over All 5½ in. **$3.10**

Weight Per Dozen About ¾ Pound.

One Dozen in a Box.

Octagon. Per Dozen

No. 100—Drop Forged Steel, Oil Tempered and Polished Reams Up to ⅝ in. Hole, Length Over All 6 in..... **$4.45**

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

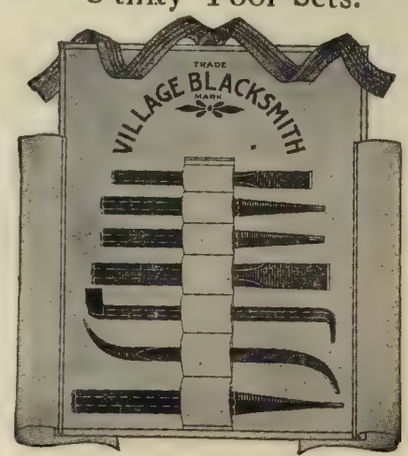
Taper Pin Reamers.

In Handsome Leather Case, for Automobile Kits. Taper ¼ in. Per Foot. Per Set

No. 1423—Taper Pin Reamer Set, Containing 6 Sizes, Spiral Fluted Taper Pin Reamers, Nos. 0, 1, 2, 3, 4 and 5, in Substantial Leather Case, Size when Closed 5x2 in..... **$13.25**

Weight Per Set About 4 Ounces.
One Set in a Box.

Utility Tool Sets.



In Canvas and Flannel Roll. Per Set

No. 117—General Utility Tool Sets, Containing 1 Each ⅜ and ⅝ in. Cold Chisel, 1/4 and 6-32 in. Punch, ½ in. Diameter, 6 in. Long, 1/4 in. Machinists's Drift Point Punch, 8 in. Long Cotter Pin Drawer and Spreader, Double End Screw Driver, in a Canvas and Flannel Roll.. **$2.45**

Weight Per Set About 3 Pounds.

Cold Chisels.

No. E140—EVERKEEN EVERSHARP, Extra Quality Tool Steel, Octagon, Full Polished Head and Bit, Special Jet Black Finish Body.

Diam., Inches	¼	⅜	½	⅝	¾	⅞	1
Ap. Wt. Doz., Lbs.	1½	2	4	7	11	15	21
Per Dozen	$3.35	3.55	3.80	4.45	6.10	8.35	11.10

¼ to ⅜ in., One Dozen; Larger Sizes, One-half Dozen in a Box.

SHARPEN-EZY

SHARPEN-EZY, Drop Forged Steel, Fluted Handle, Polished Head and Bit.

Diameter, Inches	⅜	½	⅝	¾	⅞	1
Ap. Wt. Per Dozen, Lbs.	2	3	4½	7	9	12
Per Dozen	$2.10	2.70	3.90	5.70	8.10	10.50

⅜ to ⅝ in., One Dozen; Larger Sizes, One-half Dozen in a Box.

No. 40—STANDARD, Solid Cast Steel, Octagon, Oil Finish.

Diameter, Inches	¼	⅜	½	⅝	¾	⅞	1
Approx. Weight Per Dozen, Lbs.	1½	2	3	4	6	13	14
Per Dozen	$0.90	1.00	1.45	2.25	2.90	3.55	5.00

¼ to ⅜ in., One Dozen, Larger Sizes, One-half Dozen in a Box.

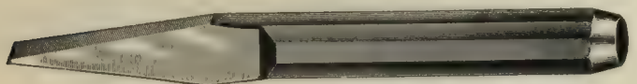
Diamond Point Chisels.

No. 55—MACHINISTS', Solid Cast Steel, Oil Finish.

Width Cutting Edge, Inches	⅛	5/32	¼	⅜
Size Steel, Inches	½	½	⅝	¾
Length, Inches	6¼	6¼	7	8
Ap. Wt. Per Dozen, Lbs.	4	4½	6½	11
Per Dozen	$3.00	3.35	3.90	6.70

One-half Dozen in a Box.

Cape Chisels.



No. 50—MACHINISTS', Solid Cast Steel, Oil Finish.

Width Cut. Edge, Inches	⅛	5/32	¼	5/16	⅜
Size of Steel, Inches	⅜	⅜	½	½	⅝
Length, Inches	6	6	6¼	6¼	7
Ap. Wt. Per Dozen, Lbs.	2	2½	4	4½	6½
Per Dozen	$2.25	2.45	3.00	3.35	3.90
Width Cut. Edge, Inches	7/16	½	⅝	¾	⅞
Size of Steel, Inches	⅝	¾	¾	⅞	⅞
Length, Inches	7	8	8	8	8
Ap. Wt. Per Dozen, Lbs.	7	11	12	15	16
Per Dozen	$4.25	6.45	6.85	7.25	7.80

One-half Dozen in a Box.

Cape Chisels.

SHARPEN-EZY, Drop Forged Steel, Fluted Handle, Polished Head and Bit.

Width Cutting Edge, Inches	¼	5/16
Size of Steel, Inches	9/16	¾
Length, Inches	6	6½
Approx. Weight Per Dozen, Lbs.	3	5
Per Dozen	$2.70	3.90

One Dozen in a Box.

Star Pattern Drills.

Natural Hammer Finish, Hand Forged Tool Steel, for Concrete, Brick and Stone Work.

Size, Inches	¼	⅜	½	⅝	⅝
Length, Inches	12	12	12	12	18
Ap. Wt. Per Dozen, Lbs.	1½	3	4½	9	12
Per Dozen	$4.20	4.45	5.00	6.10	7.25
Size, Inches	¾	¾	¾	⅞	⅞
Length, Inches	12	18	24	12	18
Ap. Wt. Per Dozen, Lbs.	14	16	18	20	28
Per Dozen	$7.80	8.90	10.55	8.90	11.65
Size, Inches		⅞	1	1	1
Length, Inches		24	12	18	24
Ap. Wt. Per Dozen, Lbs.		36	20	32	50
Per Dozen		$14.45	11.45	13.90	16.65

Open Stock.

Long Brick Chisels.

No. 60—Extra Quality Tool Steel, Octagon, Oil Finish, for Drilling Through Brick Walls.

Size, Inches	⅝x16	¾x18	⅞x20
Approx. Weight Per Dozen, Lbs.	18	26	38
Per Dozen	$8.35	10.55	13.90

Cotter Pin Tool.

Open Stock.

Tool Steel, Nickel Plated.

Per Dozen

No. 179—5/16 in. Square, 7 in. Long, One End Used for Pulling Cotter Pins and the Other for Spreading Same $3.35

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Curved Bearing Scraper Set.

High Grade Steel, Hollow Ground, Sharpened Ready for Use, Varnished Hardwood Handle, Brass Nickel Plated Ferrule.

Per Set

No. 187—Set Consisting of One Each ⅜ in. Wide, 3 in. Long, Blade 13 in. Full Length, ¾ in. Wide, 3½ in. Long, 13½ in. Full Length and ¾ in. Wide, 4 in. Long, 14 in. Full Length Scraper. $2.25

Weight Per Set About 1⅛ Pounds.

Used by Engineers and especially by Automobile Repairmen and Owners of Machines.

One Set in a Box.

Nail Sets.

EVERKEEN —Cup Point, Knurled Body, Finest Tempered Tool Steel, Blued.

In Display Box. Per Case

No. E150—Assorted, 2, 3 and 4-32nds in.....$3.35

Weight Per Case About 2 Pounds.

Two Dozen in a Case.

Straight Sizes. Per Dozen

No. E250—2, 3 and 4-32nds.....$1.70

Weight Per Dozen About 1 Pound.

"EASY HOLD" WONT ROLL

SQUARE, Cup Point, Knurled Body, High Grade Crucible Steel, Blue Temper Head, Straw Point.

In Display Box. Per Case

No. 30—Assorted, 1, 2, 3, 4 and 5-32nds.....$3.35

Weight Per Case About 2½ Pounds.

Two Dozen in a Case.

Straight Sizes. Per Dozen

No. 130—1, 2, 3, 4 and 5-32nds in.....$1.70

Weight Per Dozen About 1¼ Pounds.

SQUARE TOP

Square Top, Cup Point, Knurled Body, Hand Forged Crucible Steel, Electric Tempered.

In Display Box. Per Case

No. 435—Assorted, 1, 2, 3 and 4-32nds in.....$3.80

Weight Per Case About 2½ Pounds.

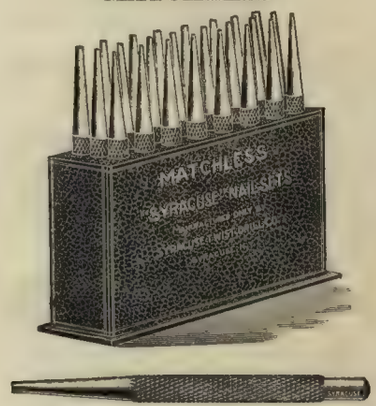
Two Dozen in a Case.

In Pasteboard Box. Per Dozen

No. 1435—Assorted, 1, 2, 3 and 4-32nds in.....$1.90

Weight Per Dozen About 1⅛ Pounds.

MATCHLESS



Cup Point, Knurled Body, Best Tool Steel, Tempered, Blue Finish.

In Display Case. Per Case

No. 27—Assorted, 2, 3 and 4-32nds in.....$3.35

Weight Per Case About 1¾ Pounds.

Two Dozen in a Case.

Straight Sizes. Per Dozen

No. 127—2, 3, and 4-32nds.....$1.70

Weight Per Dozen About 1 Pound.

All Above, One Dozen in a Box.

STANLEY'S

No. 11A.

Cup Point, Knurled Body, Special Tool Steel, Hardened and Blued, Oil Tempered Tips.

In Display Box.

Per Case

No. 11A—Containing One Dozen Assorted 2-32, 5-64 and 3-32nds in.....$1.70

Weight Per Case About ¾ Pound.

Per Case

No. 11B—Containing Two Dozen Assorted, 2-32, 5-64, 3-32 and 4-32nds in.....$3.35

Weight Per Case About 1¾ Pounds.

No. 11B.

Sickle Section or Pin Punch.

Octagon Tool Steel, Polished Points, Oil Finished.

Nos.	247	248	249	250
Size of Point, Inches	5/32	5/32	3/16	7/32
Length, Inches	6	6	6	6
Thickness, Inches	1/2	1/2	1/2	1/2
Ap. Wt. Dozen, Lbs.	3	3	3	3
Per Dozen	$2.15	2.15	2.15	2.15

One Dozen in a Box.

Octagon Forged Tool Steel, Polished Points, Oil Tempered, Tempered Blue Finish.

Nos.	80	90	100
Size of Points, Inches	3/16	7/32	1/4
Length, Inches	8	9	10
Thickness, Inches	1/2	5/8	3/4
Ap. Weight Per Dozen, Lbs.	4 1/2	7 1/4	12 1/4
Per Dozen	$2.80	3.70	6.15

One-half Dozen in a Box.

Prick Punches.

Solid Forged Steel, Oil Tempered, Polished Head and Taper, Natural Finish Body.

Per Dozen

No. 10—3/8 in. Diameter, Octagon Steel, Length 4 1/2 in. **$1.70**
Weight Per Dozen About 1 1/2 Pounds.
One Dozen in a Box.

Solid Cast Steel, Knurled Center, Tempered at Both Ends.

Per Dozen

No. 12—3/8 in. Diameter, Round, Length 4 in. **$2.80**
Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Center Punches.

Solid Forged Steel, Oil Tempered, Polished Head and Taper, Natural Finish Body.

Per Dozen

No. 15—3/8 in. Diameter, Octagon Steel, Length 4 1/2 in. **$1.70**
Weight Per Dozen About 1 1/2 Pounds.
One Dozen in a Box.

Solid Cast Steel, Knurled Center, Tempered at Both Ends.

Per Dozen

No. 18—3/8 in. Diameter, Round, Length 4 in. **$2.80**
Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Farmers' Machine Punches.

Solid Forged Steel, Oil Tempered, Polished Point, Natural Finish Body.

Nos.	3	4	5	6
Point, Inches	1/16	3/32	1/8	5/32
Per Dozen	$1.70	1.70	1.55	1.55

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box.

Solid Punches.

Nos. 0 1 2 3 4 5 6 7 8

Cast Steel, Octagon.

Per Dozen

Nos. 0, 1, 2, 3, 4, 5, 6, 7 and 8 **$1.15**
Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Per Set

Set of 4 Punches and 2 Chisels **$0.60**
Weight Per Set About 1 Pound.
One Set in a Box.

Punch Assortments.

Embossed Punches, Hand Forged, Electrically Tempered, Finely Finished, Containing 24 Assorted Solid, Center, Prick and Pin Punches, in 1/2 in. and 13/32 in. Body, in Display Case.

Per Assortment

No. 490 Set—Assorted, One Each, No. 8 and 10, 1/2 in. Body Solid Punch, Two Each Nos. 4, 5, 6 and 7, 13/32 in. Body Solid Punches, Two 1/2 in. Body Center Punches, Two 13/32 in. Body Center Punches, Two 1/2 in. Body Prick Punches, Two 13/32 in. Body Prick Punches, One Each No. 8 and 10 1/2 in. Body Pin Punches and 2 Each Nos. 4 and 6 13/32 in. Body Pin Punches **$5.60**

Weight Per Assortment About 6 Pounds.

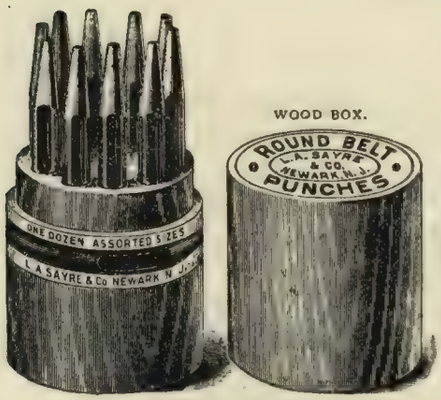
One Assortment in a Box, which is used as Display Stand.

Saddlers' Punches.

No. 25—Drop Forged, Steel, Octagon Shank Drilled and Reamed.

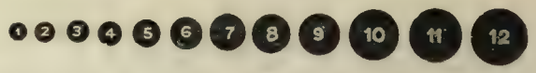
Nos.	1	2	3	4	5	6	7	8	9	10	12
Approx. Weight Per Dozen, Lbs.	½	½	⅝	⅞	⅞	⅞	1	1⅛	1⅛	1¾	2
Per Dozen	$1.45	1.45	1.45	1.45	1.45	1.70	1.70	1.70	1.70	2.15	2.15

One Dozen in a Box.



No. 33.

No. 30.



No. 30—COMMON, Cast Steel, Carbon Finish, Polished Point, Reamed.

Size, Nos.	1	2	3	4	5	6
Size of Hole Punched, Inches	7/64	1/8	9/64	5/32	11/64	3/16
Ap. Weight Per Dozen, Lbs.	⅝	¾	¾	¾	¾	¾
Per Dozen	$1.25	1.25	1.25	1.25	1.25	1.45

Size, Nos.	7	8	9	10	12
Size of Hole Punched, Inches	7/32	¼	9/32	5/16	⅜
Ap. Weight Per Dozen, Lbs.	1	1	1¼	1½	2
Per Dozen	$1.45	1.45	1.45	1.90	1.90

One Dozen in a Box.

Per Dozen

No. 33—Assorted, Nos. 2, 3, 4, 5 and 6, in Round Wooden Box, Weight Per Box 1 Lb.....$1.45

One Assortment in a Box.

Extra Warranted Steel, Oil Tempered, Knurled and Polished.

Nos.	101	102	103	104	105	106	107
Length, Inches	3⅞	3⅞	3⅞	3⅞	3⅞	4⅛	4⅛
Diam. of Steel, Inches	5/16	5/16	5/16	⅜	⅜	7/16	7/16
Ap. Weight Per Dozen, Lbs.	1⅛	1⅛	1⅛	1½	1½	2¼	2¼
Per Dozen	$2.25	2.25	2.25	2.45	2.45	2.70	2.70

Nos.	108	109	110	111	112	113	114
Length, Inches	4⅛	4⅛	4⅜	4⅜	4⅜	4⅜	4⅜
Diam. of Steel, Inches	½	½	9/16	9/16	9/16	⅝	⅝
Ap. Weight Per Dozen, Lbs.	3	3	4	4	4	5	5
Per Dozen	$3.00	3.00	3.60	3.60	3.60	4.25	4.25

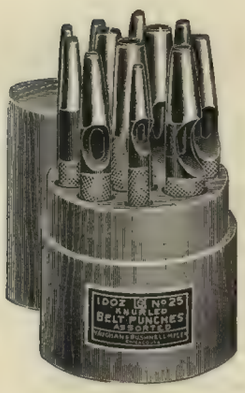
One Dozen in a Box.

Extra Warranted Steel, Oil Tempered, Knurled and Polished.

Per Dozen

No. 250—One Dozen Assorted in a Round Wooden Box, Weight Per Assortment 3 Lbs.....$3.60

One Dozen in a Box.



No. 250.

Belt Punches.

ROGER'S

Steel Case, Tinned, Steel Cutter Blade, Polished.

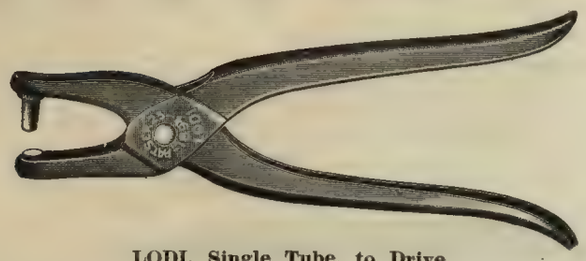
Per Dozen

No. 68—Cuts Any Size Hole from 1/16 to ⅜ in., Length Extended Full Length 5¼ in., Length Closed 3 in., Weight Per Dozen 1½ Lbs.....$8.90

This Punch is easily sharpened if it ever gets dull. When not in use the Punch is drawn back into the Handle which protects it. Will cut hole in Canvas, Rubber or the Heaviest Double Oak Leather Tanned Belting with perfect ease.

One Dozen in a Box.

Spring Punches.



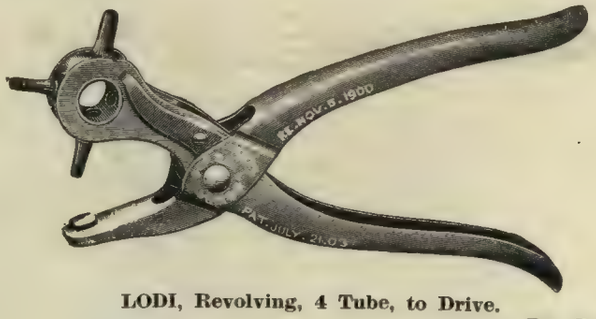
LODI, Single Tube, to Drive.

Per Dozen

No. 21—Polished Steel Handle and Frame, Tempered Steel Tubes, Assorted, Length 8 in. **$3.90**

Weight Per Dozen About 5½ Pounds.

One-half Dozen in a Box.



LODI, Revolving, 4 Tube, to Drive.

Per Dozen

No. 24—Polished Steel Handle and Frame, Tempered Steel Tubes, Assorted, Length 8 in. **$8.35**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

Single Tube, to Drive.

Per Dozen

No. 36—Polished, Semi-Steel Castings, Tempered Steel Springs, Solid Steel Tubes, Assorted Nos. 3 to 9 ..... **$4.10**

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

Revolving, 4 Tube, to Drive.

Per Dozen

No. 40—Polished, Semi Steel Castings, Tempered Steel Spring, Solid Steel Rod Turrets, Solid Steel Tubes, Assorted **$8.90**

No. 45—Nickel Plated, Semi Steel Castings, Tempered Steel Spring, Solid Steel Rod Turrets, Solid Steel Tubes, Assorted **14.50**

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box.

Spring Punches

Revolving, 4 Tube, to Drive.

Per Dozen

No. 114—Polished, Drop Forged Steel Frame, Crucible Tool Steel Straw Colored Tubes, Assorted, 1⅜ in. Jaw **$13.35**

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Case.

Revolving Hammer Punch.

Revolving, 6 Tube, to Drive.

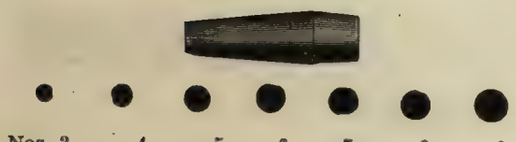
Per Dozen

No. 48—Polished, Best Heavy Cold Rolled Steel Body, Best Tool Steel Tubes **$7.80**

Weight Per Dozen About 4 Pounds.

One-twelfth Dozen in a Box, One Dozen in a Carton.

Spring Punch Tubes.

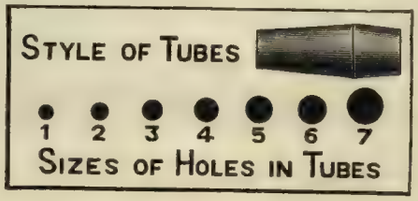


For Nos. 36, 40 and 45 Punches.

Per Dozen

No. 10—Spring Punch Tubes, to Drive, Assorted Sizes, Nos. 3 to 9 ..... **$1.90**

Weight Per Dozen About 2 Ounces.



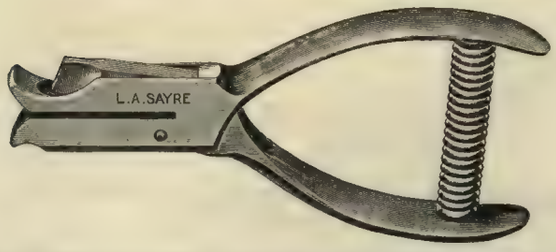
For Nos. 21 and 24 Punches.

Per Dozen

No. 20—Spring Punch Tubes, to Drive, Assorted, Nos. 1 to 7 ..... **$1.90**

Weight Per Dozen About 3 Ounces.

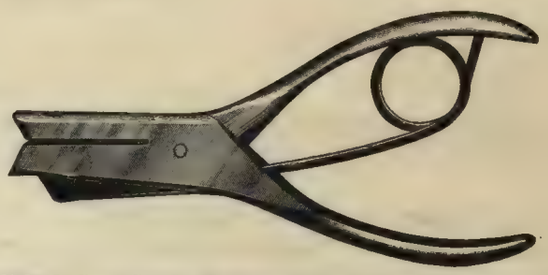
Conductors' Punches.



Nickel Plated Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring. Per Dozen

No. 421—Assorted Fancy Dies, Length Over All 4½ in. **$40.00**

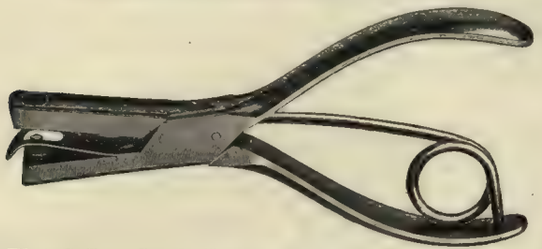
Weight Per Dozen About 5 Pounds.



Polished Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring. Per Dozen

No. 31—Assorted Fancy Dies, Length Over All 4½ in. **$7.35**

Weight Per Dozen About 5 Pounds.

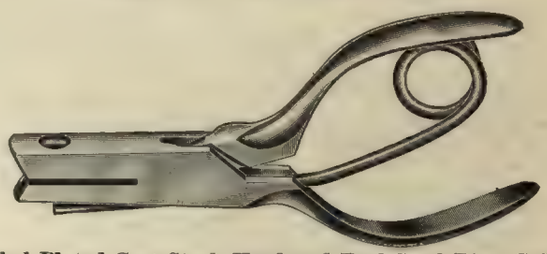


Nickel Plated Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring. Per Dozen

No. 200—Round Dies, Length Over All 4¾ in..... **$10.55**

No. 215—Assorted Fancy Dies, Length Over All 4¾ in. **14.00**

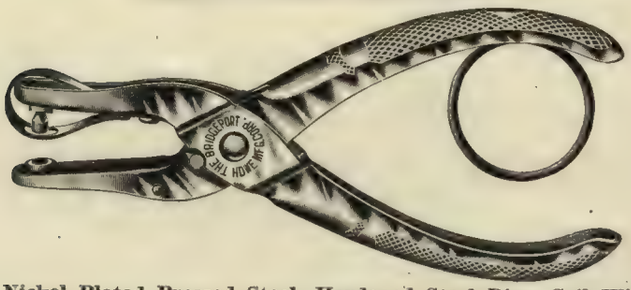
Weight Per Dozen About 3 Pounds.



Nickel Plated Cast Steel, Hardened Tool Steel Dies, Coil Wire Spring. Per Dozen

No. 219—Assorted Fancy Dies, Length Over All 5 in. **$14.45**

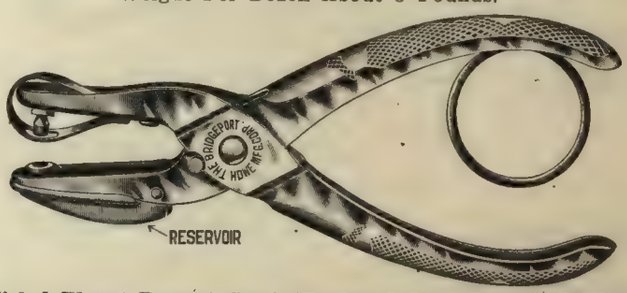
Weight Per Dozen About 3 Pounds.



Nickel Plated Pressed Steel, Hardened Steel Dies, Coil Wire Spring. Per Dozen

No. 44—Assorted Fancy Dies, Length Over All 5 in.. **$4.00**

Weight Per Dozen About 2 Pounds.



Nickel Plated Pressed Steel, Hardened Steel Dies, Coil Wire Spring. Per Dozen

No. 46—With Reservoir, Assorted Fancy Dies, Length Over All 5 in..... **$4.45**

Weight Per Dozen About 2 Pounds.

All Above, One-half Dozen in a Box.

Washer Cutters.

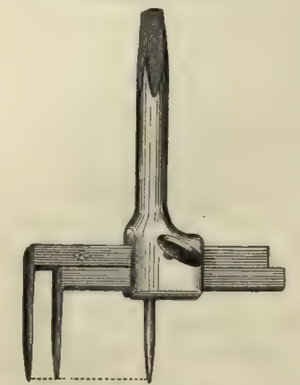
SMITH'S

Cast Steel Frame, Japanned, with Gauge, Steel Cutters. Per Dozen

No. 2—Cuts Washers up to 3½ in., Length from Point to End of Shank 4 in..... **$22.25**

Ap. Weight Per Dozen 7 Pounds.

PENNY'S



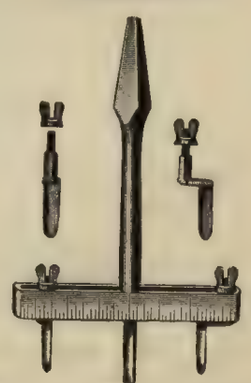
Polished Steel Frame, Hardened Steel Cutters. Per Dozen

No. 5—Cuts Washers up to 6 in., Length from Points to End of Shank 5½ in..... **$14.00**

Ap. Weight Per Dozen 11 Pounds.

All Above, One-half Dozen in a Box.

APPLETON'S



Malleable Iron Frame, Tinned, with Gauge, Steel Cutters. Per Dozen

No. 11—Cuts Washers up to 4 in., Length from Point to End of Shank 6 in..... **$15.00**

Ap. Weight Per Dozen 7½ Pounds.

Chisels.

—Carpenters' Socket Firmer.

Special Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Ebonized Selected Hickory Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4¼	4½	5	6½	7
Per Dozen.....	$5.60	5.60	5.60	5.60	6.30	6.50

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9	12	14	17	20
Per Dozen.....	$7.20	7.40	8.30	9.00	9.90	10.35

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 6 Lbs..... $5.00
In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5½ Lbs... 5.15
In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 7.50

One Set in a Box.

—Carpenters' Socket Firmer, LEATHER CAPPED HANDLE.

Special Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Ebonized Selected Hickory Handle, Leather Capped.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4¼	4½	5	6½	7
Per Dozen.....	$6.25	6.25	6.25	6.25	6.90	7.15

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9	12	14	17	20
Per Dozen.....	$8.00	8.25	9.10	9.80	10.70	11.15

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Dozen 6 Lbs..... $5.50
In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5½ Lbs... 5.70
In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 8.25

One Set in a Box.

—Carpenters' Socket Firmer, Bevel Edge, Leather Capped Handle.

Special Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Ebonized Selected Hickory Handle, Leather Capped.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4¼	4½	5	6¼	7
Per Dozen.....	$7.65	7.65	7.65	7.65	8.30	8.55

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7½	8½	10	11	15	18
Per Dozen.....	$9.45	9.65	10.60	11.25	12.15	12.60

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 6 Lbs..... $6.40
In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5 Lbs..... 6.75
In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 9.65

One Set in a Box.

—Carpenters' Short Pattern Socket Firmer, Bevel Edge, Leather Capped Handle.

Special Quality Tool Steel, Tempered and Tested, 4½ in. Blade, Ebonized Selected Hickory Handle, Leather Capped.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	3¾	4	4½	5½	6½
Per Dozen.....	$7.65	7.65	7.65	7.65	8.30	8.55

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7	8	9	10	14	17
Per Dozen.....	$9.45	9.65	10.60	11.25	12.15	12.60

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 6 Lbs..... $6.40
In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5 Lbs..... 6.75
In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 9.65

One Set in a Box.

Butt Chisels.

—Socket Firmer, Bevel Edge, Leather Capped Handle,

Special Quality Tool Steel, Tempered and Tested, Ebonized Selected Hickory Handle, Leather Capped.

Width, Inches	½	¾	⅞	1
Ap. Wt. Per Dozen, Lbs.	4	4½	5	5½
Per Dozen	$8.35	9.30	10.55	10.55

Width, Inches	1¼	1½	1¾	2
Ap. Wt. Per Dozen, Lbs.	6	7	8½	9½
Per Dozen	$11.55	12.25	13.35	13.75

One-half Dozen in a Box.

—Tanged Firmer, Bevel Edge.

Special Quality Tool Steel, Tempered and Tested, Cocobolo Finished Handle, Heavy Brass Ferrule.

Width, Inches	½	¾	⅞	1
Ap. Wt. Per Dozen, Lbs.	3	3½	4½	5
Per Dozen	$7.25	7.90	8.90	8.90

Width, Inches	1¼	1½	1¾	2
Ap. Wt. Per Dozen, Lbs.	6	7	8½	9½
Per Dozen	$10.55	11.65	13.45	15.55

One-half Dozen in a Box.

Chisels.

—Carpenters' Socket Framing.

Extra Quality Tool Steel, Tempered and Tested, 8 in. Blade, Ebonized Selected Hickory Handle, Iron Ferrule.

Width, Inches....	¼	⅜	½	⅝	¾	⅞
Ap. Wt. Doz., Lbs.	10	10½	11	12	14	16
Per Dozen.....	$8.10	8.10	8.10	8.55	9.00	9.45
Width, Inches....	1	1¼	1½	1¾	1⅞	2
Ap. Wt. Doz., Lbs.	17	18½	20	25	28	30
Per Dozen.....	$9.90	10.80	11.70	13.05	14.40	14.40

One-half Dozen in a Box.

—Carpenters' Socket Framing, Bevel Edge.

Extra Quality Tool Steel, Tempered and Tested, 8 in. Blade, Ebonized Selected Hickory Handle, Iron Ferrule.

Width, Inches....	¼	⅜	½	⅝	¾	⅞
Ap. Wt. Doz., Lbs.	9	9½	10½	11½	13	15
Per Dozen.....	$10.35	10.35	10.35	10.80	10.80	11.70
Width, Inches....	1	1¼	1½	1¾	1⅞	2
Ap. Wt. Doz., Lbs.	17	18½	20	22	26	30
Per Dozen.....	$12.15	13.05	13.95	15.30	16.65	16.65

One-half Dozen in a Box.

—Carpenters' Socket Corner.

Extra Quality Tool Steel, Tempered and Tested, 8 in. Blade, Ebonized Selected Hickory Handle, Iron Ferrule.

Width, Inches	¾	⅞	1	1⅛	1¼
Ap. Weight Per Dozen, Lbs.	13	17	19	22	26
Per Dozen.....	$22.50	24.00	25.75	26.80	28.60

One-half Dozen in a Box.

Gouges.

—Carpenters' Socket Firmer, Outside Bevel.

Extra Quality Tool Steel, Tempered and Tested, 6½ in. Blade, Ebonized Selected Hickory Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	4	4½	5	6	6½
Per Dozen.....	$10.55	10.55	10.55	11.10	11.65	12.50
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9	11	12	15	17
Per Dozen.....	$13.35	14.15	15.80	17.80	19.45	22.25

One-half Dozen in a Box.

	Per Set
In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5 Lbs....	$ 9.20
In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 7½ Lbs.....	14.15

One Set in a Box.

—Carpenters' Socket Firmer, Inside Bevel.

Extra Quality Tool Steel, Tempered and Tested, 6½ in. Blade, Ebonized Selected Hickory Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	4	4½	5	6	6½
Per Dozen.....	$11.40	11.40	11.40	12.00	12.60	13.50
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9	11	12	15	17
Per Dozen.....	$14.40	15.30	17.10	19.20	21.00	24.00

One-half Dozen in a Box.

	Per Set
In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5 Lbs....	$ 9.20
In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs.....	14.15

One Set in a Box.

Carpenters' Slicks.

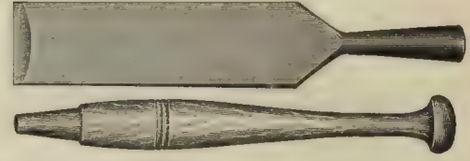
SOCKET

—Extra Quality Tool Steel, Tempered and Tested, Oval Back, Length of Blade 10 to 12 in., Polished Maple Handle.

Width, Inches	2½	3	3¼
Ap. Wt. Per Dozen, Lbs..	54	66	69
Per Dozen	$29.60	33.15	38.75
Width, Inches	3½	3¾	4
Ap. Wt. Per Dozen, Lbs..	72	80	90
Per Dozen	$38.75	45.15	45.15

One-sixth Dozen in a Package.

No. 1 EXTRA, SOCKET



No. 1 Extra—Extra Quality Tool Steel, Tempered and Tested, Oval Back, Length of Blades 10 to 12 in., Polished Maple Handle.

Width, Inches	2½	3	3¼
Ap. Wt. Per Dozen, Lbs..	54	66	69
Per Dozen	$28.00	31.35	36.70
Width, Inches	3½	3¾	4
Ap. Wt. Per Dozen, Lbs..	72	80	90
Per Dozen	$36.70	42.70	42.70

One-sixth Dozen in a Package.

Chisels.

No. 1 Extra—Carpenters' Socket Firmer.

Extra Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Selected Hickory Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4¼	4½	5	6¼	7
Per Dozen.....	$5.05	5.05	5.05	5.05	5.70	5.85

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7½	9	11½	14	17	20
Per Dozen.....	$6.50	6.65	7.50	8.10	8.90	9.35

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 5¾ Lbs..... $4.50

In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5¼ Lbs... 4.65

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 6.75

One Set in a Box.

No. 1 Extra—Carpenters' Socket Firmer, Leather Capped Handle.

Extra Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Selected Hickory Handle, Leather Capped.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4¼	4½	5	6¼	7
Per Dozen.....	$5.60	5.60	5.60	5.60	6.20	6.40

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7½	9	11½	14	17	20
Per Dozen.....	$7.20	7.40	8.20	8.80	9.60	10.00

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 5¾ Lbs..... $5.00

In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5¼ Lbs.... 5.10

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 7.40

One Set in a Box.

No. 1 Extra—Carpenters' Socket Firmer, Bevel Edge, Leather Capped Handle.

Extra Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Selected Hickory Handle, Leather Capped.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4¼	4½	5	6¼	7
Per Dozen.....	$6.90	6.90	6.90	6.90	7.45	7.70

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7½	8	10	11	15	18
Per Dozen.....	$8.55	8.70	9.55	10.10	10.95	11.30

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 5¾ Lbs..... $5.75

In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5¼ Lbs... 6.05

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 8.70

One Set in a Box.

No. 1 Extra—Carpenters' Short Pattern Socket Firmer, Bevel Edge, Leather Capped Handle.

Extra Quality Tool Steel, Tempered and Tested, 4½ in. Blade, Selected Hickory Handle, Leather Capped.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	3¾	4	4½	5½	6½
Per Dozen.....	$6.90	6.90	6.90	6.90	7.45	7.70

Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7	8	9	10	14	17
Per Dozen.....	$8.55	8.70	9.55	10.10	10.95	11.30

One-half Dozen in a Box.

Per Set

In Sets of 8—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½ and 2 in., Approx. Weight Per Set 5¾ Lbs..... $5.75

In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5¼ Lbs... 6.05

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs. 8.70

One Set in a Box.

No. 1 Extra—Carpenters' Socket Framing.

Extra Quality Tool Steel, Tempered and Tested, 8 in. Blade, Hickory Handle, Iron Ferrule.

Width, Inches....	¼	⅜	½	⅝	¾	⅞
Ap. Wt. Doz., Lbs.	10	10½	11	12	14	16
Per Dozen.....	$7.65	7.65	7.65	8.10	8.55	9.00

Width, Inches....	1	1¼	1½	1¾	1⅞	2
Ap. Wt. Doz., Lbs.	17	18½	20	25	28	30
Per Dozen.....	$9.40	10.20	11.05	12.40	13.65	13.65

One-half Dozen in a Box.

No. 1 Extra—Carpenters' Socket Framing, Bevel Edge.

Extra Quality Tool Steel, Tempered and Tested, 8 in. Blade, Hickory Handle, Iron Ferrule.

Width, Inches....	¼	⅜	½	⅝	¾	⅞
Ap. Wt. Doz., Lbs.	9	9½	10½	11½	13	15
Per Dozen.....	$9.80	9.80	9.80	10.20	10.20	11.05

Width, Inches....	1	1¼	1½	1¾	1⅞	2
Ap. Wt. Doz., Lbs.	17	18½	20	25	28	30
Per Dozen.....	$11.50	12.35	13.20	14.50	15.80	15.80

One-half Dozen in a Box.

Chisels.

CARPENTERS' SOCKET CORNER

No. 1 Extra—Extra Quality Tool Steel, Tempered and Tested, 8 in. Blade, Hickory Handle, Iron Ferrule.

No. 1 Extra.

Width, Inches	¾	⅞	1	1⅛	1¼
Ap. Wt. Per Dozen, Lbs.	13	17	19	22	26
Per Dozen	$21.35	22.70	24.35	25.35	27.00

One-half Dozen in a Box.

Gouges.

No. 1 Extra—Carpenters' Socket Firmer, Outside Bevel.
Extra Quality Tool Steel, Tempered and Tested, 6½ in. Blade, Hickory Handle.

Width, Inches	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	4	4½	5	6	6½
Per Dozen	$10.10	10.10	10.10	10.60	11.15	11.95
Width, Inches	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9	11	12	15	17
Per Dozen	$12.75	13.55	15.10	17.00	18.60	21.20

One-half Dozen in a Box.

Per Set

In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5 Lbs.... $ 8.80

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 7½ Lbs.... 13.55

One Set in a Box.

No. 1 Extra—Carpenters' Socket Firmer, Inside Bevel.
Extra Quality Tool Steel, Tempered and Tested, 6½ in. Blade, Hickory Handle.

Width, Inches	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	4	4½	5	6	6½
Per Dozen	$10.90	10.90	10.90	11.50	12.00	12.90
Width, Inches	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9	11	12	15	17
Per Dozen	$13.75	14.60	16.30	18.30	20.00	22.90

One-half Dozen in a Box.

Per Set

In Sets of 9—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 5 Lbs.... $ 9.45

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 8 Lbs.... 14.60

One Set in a Box.

Chisels in Sets.

—Socket Firmer, Bevel Edge, Leather Capped Handle, In Fancy Hardwood Box.

Extra Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Ebonized Selected Hickory Handle, Leather Capped.

Per Set

No. E2898—Set of 12, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 10 Lbs.... $10.55

No. E2896—Set of 9, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 8 Lbs.... 7.55

No. E2894—Set of 6, One Each ¼, ½, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 6 Lbs.... 5.35

One Set in a Box.

—Short Pattern Socket Firmer, Bevel Edge, Leather Capped Handle, in Fancy Hardwood Box.

Extra Quality Tool Steel, Tempered and Tested, 4½ in. Blade, Ebonized Selected Hickory Handle, Leather Capped.

Per Set

No. ES2898—Set of 12, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 10 Lbs.... $10.55

No. ES2894—Set of 6, One Each ¼, ½, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 6 Lbs.... 5.55

One Set in a Box.

No. 1 Extra—Socket Firmer, Bevel Edge, Leather Capped Handle, in Fancy Hardwood Box.

Extra Quality Tool Steel, Tempered and Tested, 6¼ in. Blade, Selected Hickory Handle, Leather Capped.

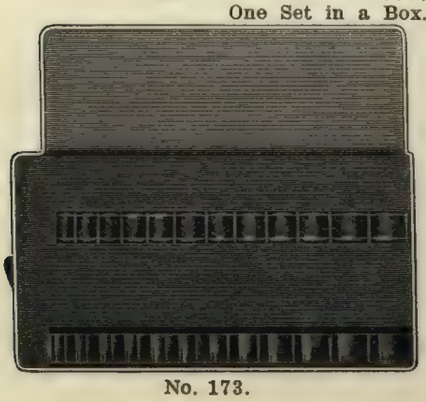
Per Set

No. 01898—Set of 12, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Approx. Weight Per Set 10 Lbs.... $9.70

No. 01896—Set of 9, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 8 Lbs.... 6.90

No. 01894—Set of 6, One Each ¼, ½, ¾, 1, 1¼ and 1½ in., Approx. Weight Per Set 6 Lbs.... 4.90

One Set in a Box.



No. 173.

Chisel Rolls.

Heavy Brown Duck, Chase Leather Bound, Loops for Handles and Leather Reinforced Pocket for Blades. With Flap and Strap and Buckle Fastening.

Each

No. 172—Will Hold 8 Chisels, Weight Each About ½ Lb.... $1.35

No. 173—Will Hold 12 Chisels, Weight Each About ¾ Lb.... 1.80

Open Stock.

Chisels.

D. R. BARTON'S

Carpenters' Socket Firmer.

No. 97—Solid Cast Steel, 6½ in. Blade, Polished Applewood Handle.

Width, Inches ...	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3	3	3½	4	4½	5½
Per Dozen	$7.15	7.65	8.20	8.90	9.80	10.70
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	7	8	10	12	15	17
Per Dozen	$11.40	12.10	13.35	14.25	16.00	17.80

One-half Dozen in a Box.

Per Set

In Sets of 9, One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set 8½ Lbs.....$ 9.35

In Sets of 12, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set 10 Lbs. 10.70

One Set in a Box.

Coach Makers' Socket Firmer.

No. 98—Solid Cast Steel, 7 in. Blade, Hickory Handle.

Width, Inches ...	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	4½	5	5	6	8
Per Dozen	$12.00	12.80	13.35	14.25	15.10	16.00
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	9½	10½	12	15	18	22
Per Dozen	$17.40	18.70	20.10	21.40	23.15	24.90

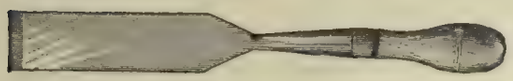
One-half Dozen in a Box.

Per Set

In Sets of 12, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set 10 Lbs.$16.90

One Set in a Box.

Millwright's Socket Firmer.



Length of Blade 10 in.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4½	5½	7	8½	9½	13
Per Dozen	$19.25	19.25	20.30	21.40	22.45	23.50
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	14	15	17	19½	23	28
Per Dozen	$24.60	25.65	28.85	33.10	38.50	44.90

One-half Dozen in a Box.

No. 99—Solid Cast Steel Blade, Hickory Handle.

Length of Blade 8 in.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4	5	6	8	9	12
Per Dozen	$16.00	16.00	16.90	17.80	18.70	19.60
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	13	14	16	18	22	26
Per Dozen	$20.45	21.40	24.00	27.60	31.15	34.70

Length of Blade 12 in.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	5½	6½	7½	9½	11½	15
Per Dozen	$22.45	22.45	23.70	24.90	26.15	27.40
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	16	17	18	21	24	29
Per Dozen	$28.70	29.90	33.65	38.55	44.90	52.30

One-half Dozen in a Box.

In Sets of 12.

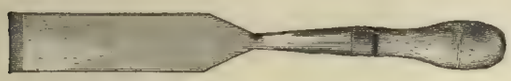
Per Set

8 in. Blade, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 10 Lbs.....$21.76

10 in. Blade, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 12 Lbs..... 26.65

12 in. Blade, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 14 Lbs..... 31.10

One Set in a Box.



Long Paring Socket Firmer.

No. 100—Solid Cast Steel, 8 in. Blade, Polished Applewood Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3	3½	4	5	6	7½
Per Dozen	$12.00	12.80	13.35	14.25	15.10	16.00
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8½	10	11½	13½	16	18
Per Dozen	$17.40	18.70	20.10	21.40	23.15	24.90

One-half Dozen in a Box.

Per Set

In Sets of 9, One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 8½ Lbs.....$14.25

In Sets of 12, One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 10 Lbs. 16.90

One Set in a Box.

Carpenters' Socket Corner.

No. 91—Solid Cast Steel, 8½ in. Blade, Hickory Handle, Iron Ferrule.

Width, Inches	½	¾	⅞
Ap. Wt. Per Dozen, Lbs..	8	10	15
Per Dozen	$24.85	26.65	28.45
Width, Inches	1	1⅛	1¼
Ap. Wt. Per Dozen, Lbs..	20	25	30
Per Dozen	$30.20	32.00	34.65

One-half Dozen in a Box.

Chisels.

D. R. BARTON'S

Carpenters' Socket Framing.

No. 92—Solid Cast Steel, 8 in. Blade, Hickory Handle, Iron Ferrule.

Width, Inches....	¼	⅜	½	⅝	¾	⅞
Ap. Wt. Doz., Lbs.	6	8	9	12	14	16
Per Dozen	$10.70	11.55	12.45	13.35	14.25	15.10
Width, Inches....	1	1¼	1½	1¾	1⅞	2
Ap. Wt. Doz., Lbs.	18	24	27	31	36	40
Per Dozen	$16.00	16.90	17.80	19.55	21.35	21.35

One-half Dozen in a Box.

Millwrights' Socket Firmer.

No. 106—Solid Cast Steel, 14 in. Blade, Hickory Handle, Iron Ferrule.

Width, Inches....	¼	⅜	½	⅝	¾	⅞
Ap. Wt. Doz., Lbs.	14	15	17	18	21	24
Per Dozen	$13.35	16.00	16.90	17.80	18.65	19.55
Width, Inches....	1	1¼	1½	1¾	2	
Ap. Wt. Doz., Lbs.	27	30	36	42	50	
Per Dozen	$21.35	23.10	26.65	29.30	32.00	

One-half Dozen in a Box.

Gouges.

D. R. BARTON'S

Carpenters' Socket Firmer, Outside Bevel.

No. 101—Solid Cast Steel, 6½ in. Blade, Polished Applewood Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	4	4½	5	6	7
Per Dozen	$9.35	9.80	10.70	11.55	12.90	14.25
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9½	10½	12	13½	15
Per Dozen	$15.10	16.00	17.80	19.55	21.35	23.55

One-half Dozen in a Box.

Per Set

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 8 Lbs. $15.10

One Set in a Box.

Carpenters' Socket Firmer, Inside Bevel.

No. 101A—Solid Cast Steel, 6½ in. Blade, Polished Applewood Handle.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	3½	4	4½	5	6	7
Per Dozen	$9.80	10.20	11.10	12.00	13.35	14.65
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	8	9½	10½	12	13½	15
Per Dozen	$15.55	16.45	18.20	20.00	21.80	24.00

One-half Dozen in a Box.

Per Set

In Sets of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 8 Lbs. $15.55

One Set in a Box.

Millwrights' Socket Firmer.

No. 103—Solid Cast Steel, Inside Bevel, Hickory Handle.

Length of Blade 8 in.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	4½	5½	7	8½	9½	11
Per Dozen	$16.90	16.90	18.20	19.10	20.45	22.25
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	12	13½	16	19	21	24
Per Dozen	$24.00	25.75	27.55	30.20	33.75	40.00

Length of Blade 10 in.

Width, Inches....	⅛	¼	⅜	½	⅝	¾
Ap. Wt. Doz., Lbs.	5	6	7½	9	10½	12
Per Dozen	$20.25	20.25	21.85	22.95	24.55	26.65
Width, Inches....	⅞	1	1¼	1½	1¾	2
Ap. Wt. Doz., Lbs.	13½	15	16½	20	22	25
Per Dozen	$28.80	30.90	33.05	36.25	40.50	48.00

One-half Dozen in a Box.

In Set of 12. Per Set

8 in. Blade—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 12 Lbs. $24.45

10 in. Blade—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 14 Lbs. 29.30

One Set in a Box.

Long Paring Socket Firmer.

No. 104—Solid Cast Steel, Inside Bevel, Polished Applewood Handle.

Length of Blade 8 in.

Width, Inches	⅛	¼	⅜	½
Ap. Wt. Per Dozen, Lbs...	4	4¼	4½	5
Per Dozen	$12.50	12.90	14.65	15.10
Width, Inches	⅝	¾	⅞	1
Ap. Wt. Per Dozen, Lbs...	6	7	7½	8
Per Dozen	$16.90	18.65	19.55	21.35
Width, Inches	1¼	1½	1¾	2
Ap. Wt. Per Dozen, Lbs...	10	13	16	18
Per Dozen	$24.00	25.00	26.65	28.40

One-half Dozen in a Box.

Per Set

In Set of 9—One Each ¼, ⅜, ½, ¾, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 7 Lbs.... $15.55

In Set of 12—One Each ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Set About 9 Lbs. 19.55

One Set in a Box.

Chisels and Gouges.

D. R. BARTON'S

Tanged Firmer Chisels.

No. 107—Solid Cast Steel, 6 in. Blade, without Handles.

Width, Inches	1/8	1/4	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Ap. Weight Per Dozen, Lbs.	1	1	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6	8	9 1/2
Per Dozen	$2.70	2.70	2.95	3.30	3.55	3.75	4.10	4.70	5.05	6.95	8.60	10.50	12.80

One-half Dozen in a Box.

In Set of 12—One Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 in., Weight Per Set About 4 Lbs. ..... Per Set **$5.90**

One Set in a Box.

Tanged Firmer Gouges, Outside Bevel.

No. 113—Solid Cast Steel, 5 in. Blade, without Handles.

Width, Inches	1/8	1/4	3/8	1/2	5/8	3/4
Ap. Wt. Doz., Lbs.	1	1 1/2	1 3/4	2	2 1/2	3
Per Dozen	$3.50	3.55	3.85	4.35	4.70	5.15

Width, Inches	7/8	1	1 1/4	1 1/2	1 3/4	2
Ap. Wt. Doz., Lbs.	3 1/2	4	5	6	6 1/2	7 1/2
Per Dozen	$5.90	6.25	8.60	10.65	13.00	16.00

One-half Dozen in a Box.

In Set of 12—One Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 in., Weight Per Set About 4 Lbs. ..... Per Set **$7.30**

One Set in a Box.

Tanged Firmer Gouges, Inside Bevel.

No. 113A—Solid Cast Steel, 5 in. Blade, without Handles.

Width, Inches	1/8	1/4	3/8	1/2	5/8	3/4
Ap. Wt. Doz., Lbs.	1	1 1/2	1 3/4	2	2 1/2	3
Per Dozen	$3.90	4.00	4.25	4.80	5.15	5.60

Width, Inches	7/8	1	1 1/4	1 1/2	1 3/4	2
Ap. Wt. Doz., Lbs.	3 1/2	4	5	6	6 1/2	7 1/2
Per Dozen	$6.31	6.70	9.10	11.10	13.35	16.45

One-half Dozen in a Box.

In Set of 12—One Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 in., Weight Per Set About 4 Lbs. ..... Per Set **$7.75**

One Set in a Box.

Tanged Turning Chisels.

No. 111—Solid Cast Steel, Full Length 12 in., without Handles.

Width, Inches	1/8	1/4	3/8	1/2	5/8
Ap. Wt. Doz., Lbs.	1	1 1/2	2	3	4
Per Dozen	$3.90	4.00	4.35	4.80	5.35

Width, Inches	3/4	7/8	1	1 1/8	1 1/4
Ap. Wt. Doz., Lbs.	5	6	7	8	8 1/2
Per Dozen	$6.05	6.60	7.75	8.70	9.60

Width, Inches		1 3/8	1 1/2	1 3/4	2
Ap. Wt. Doz., Lbs.		9	10	11	12
Per Dozen		$11.00	12.45	14.95	17.80

One-half Dozen in a Box.

In Set of 12—One Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 in., Weight Per Set About 6 Lbs. ..... Per Set **$9.80**

One Set in a Box.

Tanged Turning Gouges.

No. 112—Solid Cast Steel, Full Length 12 in., without Handle.

Width, Inches	1/8	1/4	3/8	1/2	5/8
Ap. Wt. Doz., Lbs.	1 3/4	2 1/2	3 1/2	4 1/2	5
Per Dozen	$5.00	5.15	5.90	6.50	7.00

Width, Inches	3/4	7/8	1	1 1/8	1 1/4
Ap. Wt. Doz., Lbs.	5 1/2	6	7	8	11
Per Dozen	$8.20	9.35	10.50	12.10	13.80

Width, Inches		1 3/8	1 1/2	1 3/4	2
Ap. Wt. Doz., Lbs.		12	14 1/2	16	18
Per Dozen		$15.75	17.80	21.00	25.70

One-half Dozen in a Box.

In Set of 12—One Each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4 and 2 in., Weight Per Set About 8 Lbs. ..... Per Set **$13.60**

One Set in a Box.

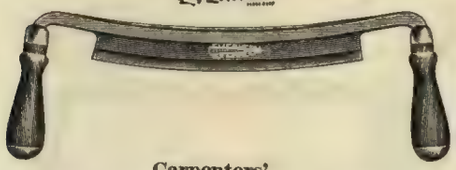
Carpenters' Slicks.

No. 95—Solid Cast Steel, Oval Back, Length of Blade 10 to 12 in., Socket Handle.

Width, Inches	2 1/2	3	3 1/4	3 1/2	3 3/4	4
Approx. Weight Per Dozen, Lbs.	42	48	60	66	72	84
Per Dozen	$39.10	44.50	53.30	53.30	62.20	62.20

One-twelfth Dozen in a Package.

Drawing Knives.



Carpenters'.

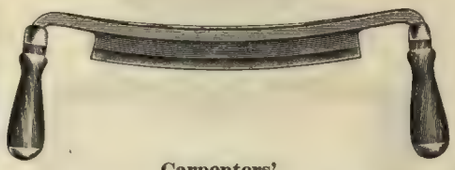
Razor Blade, High Grade Tool Steel Cutting Edge Welded to Mild Steel Back, 1½ in. Wide Blade, Finely Polished Ebonized Hardwood Handles, Nickel Plated Steel Ferrules and Caps.

Lgth. Blade, In..	7	8	9
Ap. Wt. Doz., Lbs.	16	17	18
Per Dozen	$12.90	12.90	13.70

Lgth. Blade, In..	10	12	14
Ap. Wt. Doz., Lbs.	19	21	23
Per Dozen	$14.85	17.10	19.95

One-half Dozen in a Box.

No. 1 EXTRA



Carpenters'.

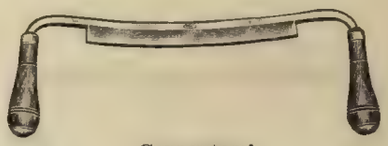
Razor Blade, High Grade Tool Steel Cutting Edge Welded to Mild Steel Back, 1½ in. Wide Blade, Polished Ebonized Handle, Nickel Plated Steel Ferrules and Cap.

Lgth. Blade, In..	7	8	9
Ap. Wt. Doz., Lbs.	16	17	18
Per Dozen	$12.15	12.15	13.00

Lgth. Blade, In..	10	12	14
Ap. Wt. Doz., Lbs.	19	21	23
Per Dozen	$14.05	16.20	18.90

One-half Dozen in a Box.

BARTON'S



Carpenters'.

Razor Blade, Tempered and Forged Steel, 1¼ in. Wide, Applewood Handles, Capped and Ferruled.

Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	16	17	18
Per Dozen	$22.65	24.55	26.45

One quarter Dozen in a Package.

BARTON'S

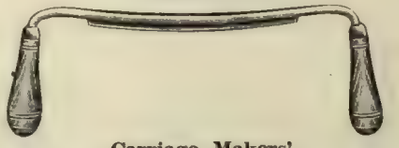
Coach Makers'.

Razor Blade, Tempered and Forged Steel, 1¼ to 1½ in. Wide, Applewood Handles, Capped and Ferruled.

Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	17	18	19
Per Dozen	$24.55	26.45	28.30

One-quarter Dozen in a Package.

BARTON'S



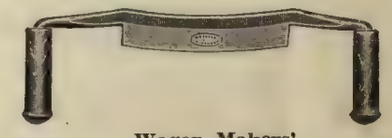
Carriage Makers'.

Razor Blade, Tempered and Forged Steel, ¾ to 1 in. Wide, Applewood Handles, Capped and Ferruled.

Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	14	16	18
Per Dozen	$22.65	24.55	26.45

One-quarter Dozen in a Package.

BARTON'S



Wagon Makers'.

Heavy Blade, Tempered and Forged Steel, 1¼ to 1¾ in. Wide, Black Walnut Handles, Capped.

Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	25	26	27
Per Dozen	$24.55	26.45	28.30

One-quarter Dozen in a Package.

PERFECT HANDLE

Carpenters'.

Razor Blade, Solid Best Quality Crucible Steel, Highly Tempered, 1⅜ in. Wide, Handles and Blades Drop Forged from One Solid Piece of Tool Steel.

Lgth. Blade, In..	8	10	12
Ap. Wt. Doz., Lbs.	20	22	24
Per Dozen	$17.80	20.00	22.25

One-half Dozen in a Box.

WILKINSON'S

Cut Shows Handles Folded and Cutting Edge Protected.

Carpenters'.

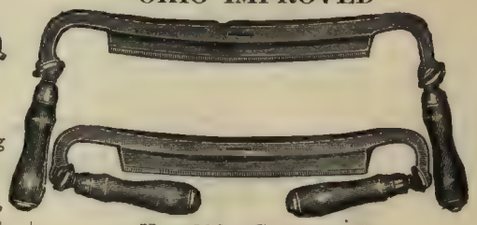
Best Cast Steel Blade, Oil Tempered, 1½ in. Wide, Folding and Adjustable Handles.

Lgth. of Blade, In....	7	8
Ap. Wt. Doz., Lbs....	18	21
Per Dozen	$33.75	36.00

Lgth. of Blade, In.....	9	10
Ap. Wt. Doz., Lbs....	24	27
Per Dozen	$40.50	45.00

One-half Dozen in a Box.

OHIO IMPROVED



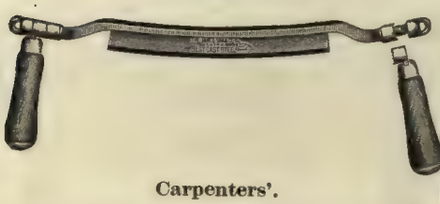
No. 600—Carpenters'.

Razor Blade, Best Tool Steel, 1⅜ in. Wide, Adjustable Handles, Stained and Hand Polished.

Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	17	19	21
Per Dozen	$22.25	22.80	23.35

One-quarter Dozen in a Box.

WATROUS



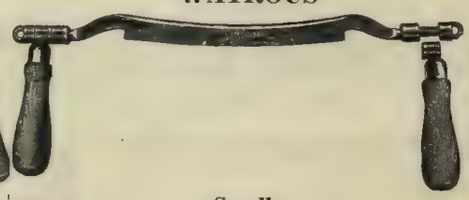
Carpenters'.

Razor Blade, Solid Crucible Steel, 1⅜ in. Wide, Adjustable Handles, Extra Quality and Finish.

Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	20	22	24
Per Dozen	$20.00	22.50	25.00

One-half Dozen in a Box.

WATROUS



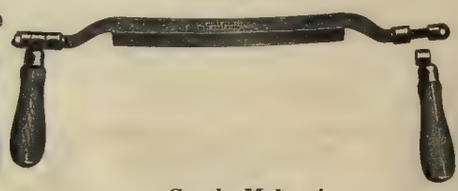
Scroll.

Narrow Blade, Solid Crucible Steel, ⅞ in. Wide, Beveled on Both Sides, Adjustable Handle, Extra Quality and Finish.

Lgth. of Blade, In...	7	8
Ap. Wt. Doz., Lbs...	18	20
Per Dozen	$17.50	20.00

One-half Dozen in a Box.

WATROUS



Coach Makers'.

Wide Blade, Solid Crucible Steel, 1¼ in. Wide, Beveled on Both Sides, Adjustable Handle, Extra Quality and Finish.

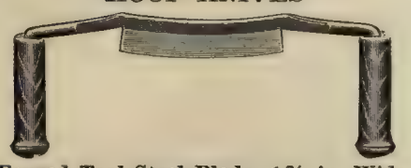
Lgth. Blade, In..	8	9	10
Ap. Wt. Doz., Lbs.	20	22	24
Per Dozen	$20.85	23.35	25.80

One-half Dozen in a Box.

Coopers' Tools.

D. R. BARTON'S

HOOP KNIVES

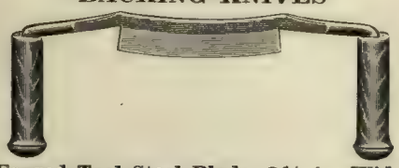


Forged Tool Steel Blade, 1¾ in. Wide, Walnut Handles.

Lgth. of Blade, In...	7	8
Ap. Wt. Doz., Lbs...	21	22
Per Dozen	$21.55	25.00
Lgth. of Blade, In...	9	10
Ap. Wt. Doz., Lbs...	23	24
Per Dozen	$28.85	32.60

One-quarter Dozen in a Package.

BACKING KNIVES

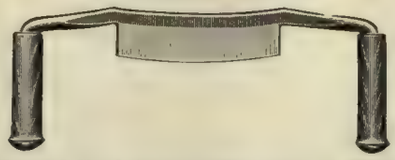


Forged Tool Steel Blade, 2¼ in. Wide, Walnut Handles.

Lgth. of Blade, In...	7	8
Ap. Wt. Doz., Lbs...	24	25
Per Dozen	$23.60	27.40

One-quarter Dozen in a Package.

STAVE KNIVES



Forged Tool Steel Blade, 2¼ in. Wide, Walnut Handles.

Lgth. of Blade, In...	7	8
Ap. Wt. Doz., Lbs...	22	24
Per Dozen	$23.60	27.40

One-quarter Dozen in a Package.

HOLLOWING KNIVES

Forged Tool Steel Blade, 2¼ in. Wide, Walnut Handles.

Blade, Inches	4	4½	5	5½
Ap. Wt. Per Dozen, Lbs.	18	19	20	21
Per Dozen	$22.65	22.65	22.65	23.60
Blade, Inches		6	7	8
Ap. Wt. Per Dozen, Lbs.		22	24	26
Per Dozen		$23.60	23.60	27.40

One-quarter Dozen in a Package.

HEADING KNIVES

Double Bevel.

Forged Tool Steel Blade, 2½ in. Wide, Walnut Handles.

Blade, Inches	9x2½	10x2½	12x2½	14x2½	16x2½
Ap. Wt. Dozen, Lbs.	27	30	36	40	42
Per Dozen	$31.20	34.95	42.50	50.00	57.60

One-quarter Dozen in a Package.

Heading Knives.

OHIO TOOL CO.'S

Double Bevel.

OHIO SPECIAL, Tool Steel Blade, 2¼ in. Wide, Polished Maple Handle.

Blade, Inches	12x2¼	14x2¼
Ap. Weight Per Dozen, Lbs.....	34	36
Per Dozen	$33.85	37.20

One-quarter Dozen in a Package.

WHITE'S

Heavy Blades, Cast Steel, Polished Walnut Handles.

Blade, Inches	12x2¼	14x2¼
Ap. Weight Per Dozen, Lbs.....	34	36
Per Dozen	$42.75	50.00

12x2¼ in. Blades are Beveled on Face Side, 14x2½ in. Blades are Flat on Face Side.

One-quarter Dozen in a Package.

Shingle Knives.

D. R. BARTON'S

Forged Tool Steel Blade, Walnut Handles.

Blade, Inches.....	12x2	14x2
Ap. Wt. Doz., Lbs...	24	28
Per Dozen	$34.00	37.80

One-quarter Dozen in a Package.

OHIO TOOL CO.'S

Tool Steel Blade, Polished Maple Handle.

Blade, Inches	12x1¾	14x1¾
Ap. Wt. Doz., Lbs..	25	26
Per Dozen	$21.60	24.00

One-quarter Dozen in a Package.

WHITE'S

Heavy Blades, Cast Steel, Polished Walnut Handles.

Blade, Inches	12x1¾	14x1¾
Ap. Wt. Doz., Lbs..	26	28
Per Dozen	$30.00	33.35

One-quarter Dozen in a Package.

Coopers' Tools.

D. R. BARTON'S

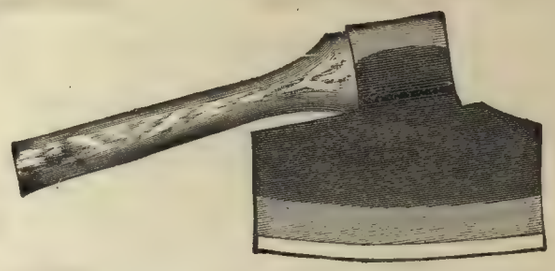
ADZES

Solid Cast Steel, Half Polished, Applewood Handle with Bolt Running Through.

No.	1½
Length of Head, Inches	9
Length Over All, Inches	8½
Approx. Weight Per Dozen, Lbs	42
Per Dozen	$53.80

Open Stock.

AXES



Solid Cast Steel, Half Polished, Hickory Handle.

Nos.	1	1½	2
Cuts, Inches	10½	9½	8½
Length of Handle, Inches	16	15	14
Ap. Weight Per Dozen, Lbs	60	54	48
Per Dozen	$62.30	56.70	51.00

Open Stock.

SCRAPERS

Cast Steel, Wood Handle.

Per Dozen

No. 139—Width of Cut 2 in., Length Over All 12 in....$13.65

Weight Per Dozen About 9 Pounds.

Open Stock.

HOOP DRIVERS

NANTUCKET, Forged Tool Steel, Polished Bit, Japanned Head, without Handles.

Per Dozen

No. 165—Width of Bit 1½ in., Length Over All 4½ in...$14.15

Weight Per Dozen About 15 Pounds.

One-half Dozen in a Package.

HOOP DRIVERS

Plain Hickory, without Ring.

Per Dozen

No. 50—Width of Bit 3½ in., Length Over All 10½ in....$5.35

Weight Per Dozen About 9 Pounds.

Open Stock.

HOOP DRIVERS

Short and Oval, Forged Tool Steel, Japanned Socket, without Handle.

Per Dozen

No. 166—Width of Bit 2¾ in., Length Over All 4 in.....$21.25

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Package.

HOOP DRIVERS

Plain Hickory, with Ring.

Per Dozen

No. 60—Width of Bit 3½ in., Length Over All 10½ in...$5.80

Weight Per Dozen About 10 Pounds.

Open Stock.

HOOP DRIVERS

Socket, Forged Steel, Polished, Polished Hickory Handle.

Per Dozen

No. 164—Width of Bit 2¼ in., Length Over All 11 in....$21.25

Weight Per Dozen About 18 Pounds.

One-quarter Dozen in a Package.

Spoke Shaves.

BARTON'S

Cleveland Pattern, Steel Cutter, Walnut Handles.

Per Dozen

No. 75—2⅝ in. Cutter, Length Over All 16 Lbs.....$28.35

Weight Per Dozen About 21 Pounds.

One-half Dozen in a Package.

Per Dozen

Extra Cutters—2⅝ in. for No. 75 Spoke Shaves.....$6.80

Weight Per Dozen About 4 Pounds.

Open Stock.

BAILEY'S

Bailey's, Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 56 —2⅝ in. Cutter, Length Over All 18 in., Weight Per Dozen About 25 Lbs.....$ 8.90

No. 56½—4 in. Cutter, Length Over All 19 in., Weight Per Dozen About 30 Lbs..... 11.10

One-half Dozen in a Package.

Per Dozen

Extra Cutters—2⅝ in. for No. 56, Weight Per Dozen About 1½ Lbs.....$2.25

Extra Cutters—4 in. for No. 56½, Weight Per Dozen About 2½ Lbs..... 2.80

Open Stock.

Iron Spoke Shaves.

SMITH'S

Best Cast Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 1—1¾ in. Cutter 9 in. Long **$2.80**

Approx. Weight Per Dozen 6 Pounds.

One-half Dozen in a Box.

Best Cast Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 2—2⅛ in. Cutter, 10 in. Long **$4.10**

Approx. Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

Best Cast Steel Cutters, Japanned Iron Straight Handles.

Per Dozen

No. 3—Two Cutters, One 1¾ in. Straight and One 1⅜ in. Curved, 10 in. Long..... **$5.25**

Approx. Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

BAILEY'S

Double Iron, Improved, Tempered Steel Cutter, Japanned Iron Straight Handles.

Per Dozen

No. 52—2⅛ in. Cutter, 10 in. Long **$4.70**

Approx. Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

Per Dozen

Extra Cutters—2⅛ in., for No. 52 Shaves **$1.35**

Adjustable Mouth, Tempered Steel Cutter, Japanned Iron Raised Handles.

Per Dozen

No. 53—2⅛ in. Cutter 10 in. Long **$5.80**

Approx. Weight Per Dozen 9 Pounds.

One-half Dozen in a Box.

Per Dozen

Extra Cutters—2⅛ in., for No. 53 Shaves **$1.35**

Adjustable Mouth, Tempered Steel Cutter, Japanned Iron Straight Handles.

Per Dozen

No. 54—2⅛ in. Cutter, 10 in. Long **$5.80**

Approx. Weight Per Dozen 9 Pounds.

One-half Dozen in a Box.

Per Dozen

Extra Cutters—2⅛ in., for No. 54 Shaves **$1.35**

Hollow Face, Tempered Steel Cutter, Japanned Iron Raised Handles.

Per Dozen

No. 55—2⅛ in. Cutter, 10 in. Long **$4.00**

Approx. Weight Per Dozen 8 Pounds.

One-half Dozen in a Box.

Per Dozen

Extra Cutters—2⅛ in., for No. 55 Shaves **$1.35**

Two Cutters, Hollow and Straight, Tempered Steel, Japanned Iron Straight Handles.

Per Dozen

No. 60—1½ in. Cutters, 10 in. Long **$5.80**

Approx. Weight Per Dozen 9 Pounds.

One-half Dozen in a Box.

Per Dozen

Extra Cutters—1½ in., for No. 60 Shaves **$1.90**

Adjustable Chamfer, Tempered Steel Cutter, Japanned Iron Raised Handles.

Per Dozen

No. 65—1½ in. Cutter, 9½ in. Long **$7.50**

Approx. Weight Per Dozen 9 Pounds.

Can be adjusted to work chamfer up to 1½ in. (the width of the cutter.)

One-half Dozen in a Box.

STANLEY

Convex Bottom, Tempered Steel Cutter, Japanned Iron Straight Handles.

Per Dozen

No. X63—1½ in. Cutter, 9 in. Long **$3.70**

Approx. Weight Per Dozen 7 Pounds.

Designed especially for use in Manual Training Schools or for any work requiring the use of an Extra Light Spoke Shave.

One-half Dozen in a Box.

STANLEY

Tempered Steel Cutters, Japanned Iron Handles.

Per Dozen

No. 68—2⅛ in. Cutters, 10¾ in. Long **$16.70**

Approx. Weight Per Dozen 12 Pounds.

Especially adapted for workmen on Automobile and Coach Bodies. Carriage Makers, Car Builders and Cabinet Makers will find this a very convenient tool for finishing panels, rabbets, etc.

One-half Dozen in a Box.

UNIVERSAL

Tempered Steel Cutters, Detachable Rosewood Handles, Detachable Bottoms, One for Straight and One for Circular Work, Nickel Plated Metal Parts.

Per Dozen

No. 67—1⅞ in. Cutter, 9¼ in. Long **$24.50**

Approx. Weight Per Dozen 9 Pounds.

Either handle can be screwed into the top of the stock enabling user to work into corners or panels as no other Spoke Shave will do.

One-twelfth Dozen in a Box.

Wood Spoke Shaves.

MILLER FALLS

Polished and Nickel Plated Metal Parts, Removable Wood Handles, Circular Shape Permitting Tool to Work in Small Circles.

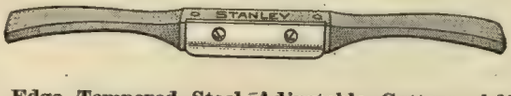
Per Dozen

No. 1M—10 in. Long..... **$15.75**

Approx. Weight Per Dozen 5½ Pounds.

One-half Dozen in a Box.

STANLEY'S



Razor Edge Tempered Steel Adjustable Cutters, Adjustable Front, Boxwood Handles, Polished.

Per Dozen

No. 84—2 in. Cutter, 11 in. Long, Approx. Weight Per Dozen 3 Lbs..... **$16.10**

No. 85—2½ in. Cutter, 12 in. Long, Approx. Weight Per Dozen 4 Lbs..... **17.80**

One-twelfth Dozen in a Box.

Mallets.

ROUND

Hickory, Mortised Handle.

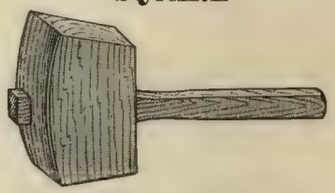
	Per Dozen
No. 2—5½ in. Long, 3½ in. Diameter, 13 in. Long Handle, Approx. Weight Per Dozen 22 Lbs....	$3.90
No. 3—6 in. Long, 4 in. Diameter, 13 in. Long Handle, Approx. Weight Per Dozen 28½ Lbs.....	4.90

Lignumvitae, Mortised Handle.

	Per Dozen
No. 5—5 in. Long, 3 in. Diameter, 10½ in. Long Handle, Approx. Weight Per Dozen 19 Lbs.....	$5.80
No. 6—5½ in. Long, 3½ in. Diameter, 13 in. Long Handle, Approx. Weight Per Dozen 29¼ Lbs.....	6.90
No. 7—6 in. Long, 4 in. Diameter, 13 in. Long Handle, Approx. Weight Per Dozen 44 Lbs.....	9.55

Open Stock.

SQUARE



Hickory, Mortised Handle.

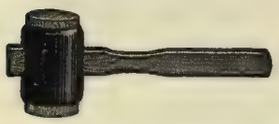
	Per Dozen
No. 8—6 in. Long, 2½x3½ in. Face, 10½ in. Long Handle, Approx. Weight Per Dozen 16 Lbs.....	$3.90
No. 9—6½ in. Long, 2¾x3¾ in. Face, 13 in. Long Handle, Approx. Weight Per Dozen 21½ Lbs..	4.95

Lignumvitae, Mortised Handle.

	Per Dozen
No. 12—6½ in. Long, 2¾x3¾ in. Face, 13 in. Long Handle, Approx. Weight Per Dozen 31 Lbs..	$ 9.10
No. 13—7 in. Long, 3x4 in. Face, 13 in. Long Handle, Approx. Weight Per Dozen 36 Lbs.....	11.10

Open Stock.

ROUND



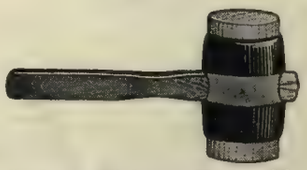
Iron, Hickory Ends, Mortised Handle.

	Per Dozen
No. 15—4 in. Long, 2½ in. Diameter, 10½ in. Long Handle..	$7.80

Approx. Weight Per Dozen 34 Pounds.

Open Stock.

ROUND



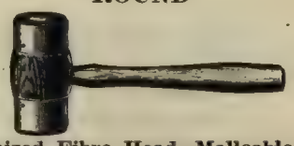
Iron Socket, Hickory Ends, Mortised Handle.

	Per Dozen
No. 16—5½ in. Long, 3 in. Diameter, 12 in. Long Handle...	$14.10

Approx. Weight Per Dozen 43 Pounds.

Open Stock.

ROUND



Vulcanized Fibre Head, Malleable Iron Bands, Kiln Dried Body and Handle.

Nos.	02	02½	03
Length Head, In.	5	5½	6
Diam. Face, In..	2	2½	3
Lgth. Handle, In.	10	10¼	10½
Ap. Wt. Doz., Lbs.	15	21	26
Per Dozen.....	$10.80	12.45	15.00

Open Stock.

RAWHIDE

Genuine Solid Rawhide Heads, Hardwood Handles.

Nos.	2R	3R	4R	5R
Length Head, Inches.....	3	3⅛	3¼	4¼
Diam. of Face, Inches...	1½	1¾	2	2¾
Length of Handle, Inches.	8	8	8	8½
Ap. Wt. Per Dozen, Lbs.	4½	6	8	15
Per Dozen	$9.50	11.10	13.90	30.55

Open Stock.

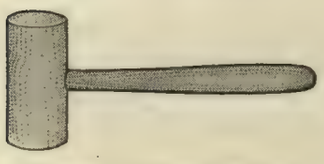
RUBBER

Excellent Grade Serviceable Rubber of Correct Hardness, Hardwood Handles.

Nos.	00HR	0HR	1HR	2HR	3HR	4HR
Length Head, Inches	3	2¾	3	3½	4	4⅞
Diam. at Center, In.	1 7/16	2 1/16	2⅝	2¾	2⅞	3¾
Diam. at Ends, In...	1 3/16	1¾	2¼	2¼	2¼	2½
Ap. Wt. Dozen, Lbs..	2½	5	9	11	14	21
Per Dozen.....	$7.20	9.70	11.80	13.00	14.70	21.65

Open Stock.

Tinners' Mallets.



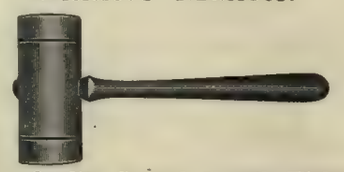
Hickory, Mortised Handle.

	Per Dozen
No. 05—5½ in. Head, 2¼ in. Diameter, 10½ in. Long Handle	$1.90
No. 06—5½ in. Head, 2½ in. Diameter, 10½ in. Long Handle	2.15

Approx. Weight Per Dozen 11 Pounds.

Open Stock.

Tinners' Mallets.



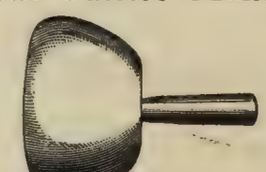
Extra Quality Second Growth Hickory, Mortised Handle.

	Per Dozen
No. 25—6 in. Head, 2¼ in. Diameter, 10 in. Long Handle....	$3.15
No. 26—6 in. Head, 2½ in. Diameter, 10 in. Long Handle....	3.45
No. 27—6 in. Head, 2¾ in. Diameter, 10 in. Long Handle....	3.80

Approx. Weight Per Dozen 14 Pounds.

Open Stock.

Stone Cutters' Mallets.



Second Growth Hickory.

	Per Dozen
No. 30—Weight Each 5 Lbs..	$22.25
No. 30—Weight Each 6 Lbs...	28.90
No. 30—Weight Each 7 Lbs...	33.35
No. 30—Weight Each 8 Lbs...	37.75

Open Stock.

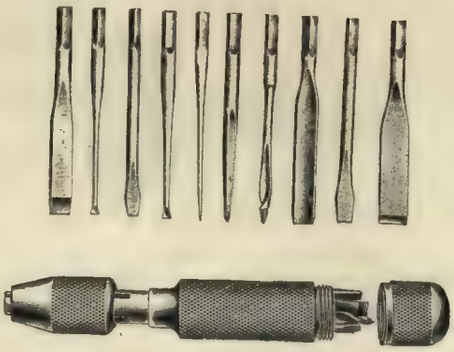
Tool Handles With Tools.

Henry's Patent.
Made of Cocobolo, Finely Polished, Nickel Plated Metal Cap.

Per Dozen

No. 7—4 in. Long, Contains 12 Tools Made of Tool Steel, One Each Chisel, Screw Driver, Reamer, Tack Puller, Pegging Awl and Marking Awl and Six Assorted Brad Awls.....**$10.00**

Approx. Weight Per Dozen 3 Pounds.
One-half Dozen in a Box.



Rollis.
Solid Bar Steel, Knurled and Nickel Plated, Hollow Handle.

Per Dozen

No. 8—6 in. Long, Contains Ten 2¾ in. Tools as Shown **$19.45**

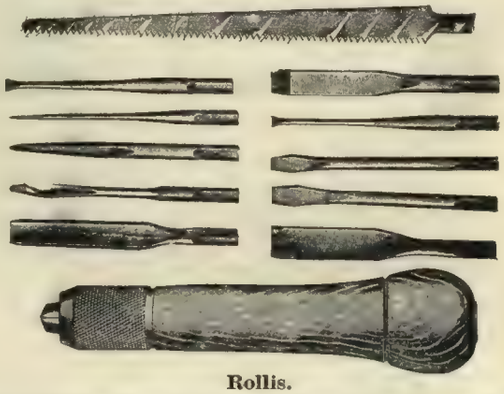
Approx. Weight Per Dozen 9 Pounds.
One-twelfth Dozen in a Box.

Rollis.
Hollow Cocobolo Handle, Nickel Plated Chuck, Positive Grip.

Per Dozen

No. 01—7½ in. Long, Contains 11 Tools of High Grade Steel, Hardened and Tempered, 4 in. Long...**$26.65**

Approx. Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

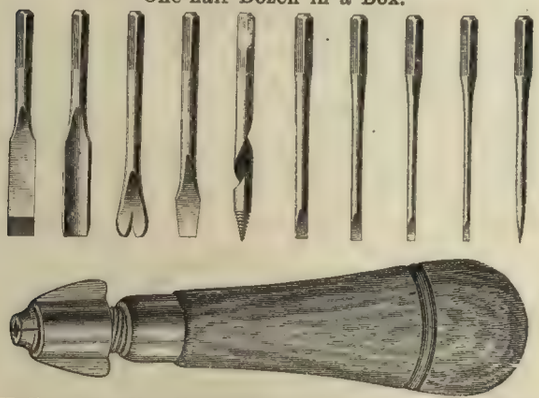


Rollis.
Hollow Cocobolo Handle, Nickel Plated Chuck, Positive Grip.

Per Dozen

No. 02—6⅝ in. Long, Contains 11 Tools of High Grade Steel, Hardened and Tempered, 2¾ Long **$17.80**

Approx. Weight Per Dozen 6 Pounds.
One-half Dozen in a Box.



Hollow Handle, Nickel Plated Chuck and Ferrules.

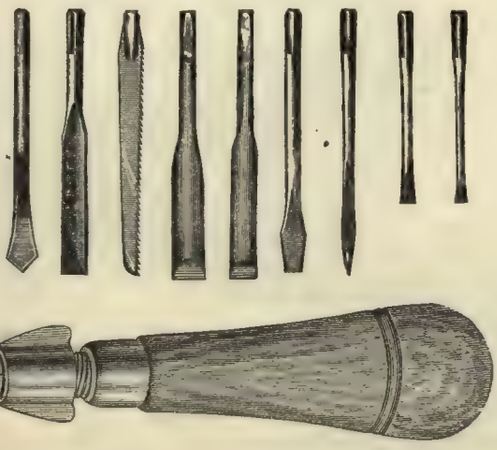
Per Dozen

No. 1—6 in. Genuine Cocobolo Handle, with 10 2¼ in. Hardened and Tempered Tools, Approx. Weight Per Dozen 6 Lbs.....**$8.90**

No. 4—5¾ in. Hollow Cocobolo Handle, with 10 2½ in. Tools, Approx. Weight Per Dozen 5 Lbs... **7.80**

No. 5—6 in. Hollow Maple Handle, with 10 2½ in. Tools, Approx. Weight Per Dozen 4½ Lbs.... **5.60**

One-half Dozen in a Box.



Hollow Handle, Nickel Plated Chuck and Ferrules.

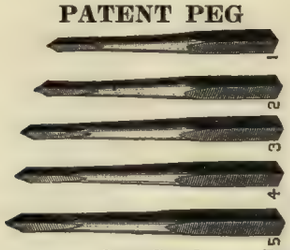
Per Dozen

No. 2B—7 in. Long, Contains 9 Tools, Highly Tempered and Finished Steel, 4½ in. Long.....**$16.65**

Approx. Weight Per Dozen 7 Pounds.
One-half Dozen in a Box.

Awls.

PATENT PEG



Cast Steel. Per Gross
Patent Peg—Assorted Sizes.....$1.10
Weight Per Gross About 6 Oz.

COMMON PEG

Cast Steel. Per Gross
Common Peg—Assorted Sizes...$2.60
Weight Per Gross About 6 Oz.

PATENT BRAD

Cast Steel. Per Gross
Patent Brad—Assorted Sizes....$1.90
Weight Per Gross About 6 Oz.

COMMON BRAD

Cast Steel. Per Gross
Common Brad—Assorted Nos. 1 to 4.....$4.45
Common Brad—Assorted Nos. 1 to 6..... 5.60
Weight Per Gross About 6 Oz.
Assorted One-half Gross in a Box.

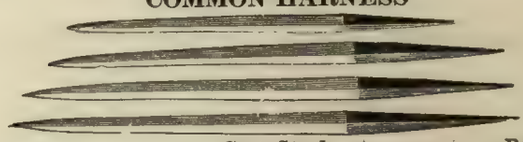
Cast Steel.				
Nos.	00	0	1	2
Per Gross	$4.15	4.15	4.15	4.15
Nos.	3	4	5	6
Per Gross	$4.45	5.85	7.00	9.50

Weight Per Gross About 6 Oz.

PATENT HARNESS

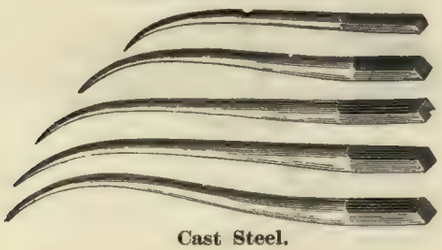
Cast Steel.
Per Gross
Patent Harness—Assorted Sizes $1.90
Patent Harness—Assorted Large Sizes 2.10
Weight Per Gross About 6 Oz.

COMMON HARNESS



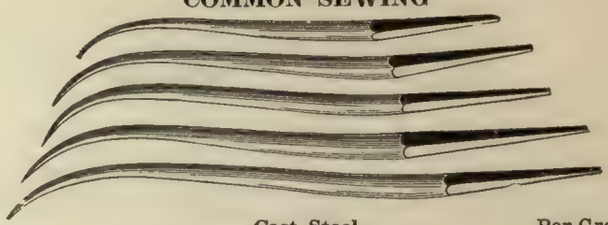
Cast Steel. Per Gross
Common Harness—Assorted Sizes $1.90
Common Harness—Assorted Large Sizes 2.10
Weight Per Gross About 6 Oz.

PATENT SEWING



Cast Steel.
Per Gross
Patent Sewing—Assorted Sizes.....$1.90
Weight Per Gross About 6 Oz.

COMMON SEWING



Cast Steel. Per Gross
Common Sewing—Assorted Sizes.....$1.90
Weight Per Gross About 6 Oz.

All Above, One-half Gross in a Box.

Stitching Awls.

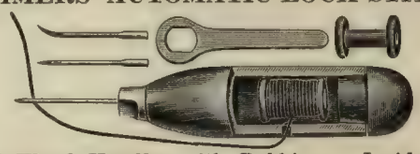
MYERS' LOCK STITCH

Stained Hollow Hardwood Handle, with Screw Top Nickel Plated Steel Frame, Exposed Reel Under the Finger Tips, Complete with Two Needles, One Straight and One Curved, Bobbin Filled with Waxed Linen Thread, Combined Wrench and Screw Driver.

Per Dozen
Myers' Lock Stitch—7 in. Long, with Needle Inserted..$10.00
Approx. Weight Per Dozen 3 Pounds.
One-twelfth Dozen in a Carton.

Per Dozen
No. 5—Extra Needles, Fine Straight, for Myers' Lock Stitch Awl $0.95
No. 6—Regular Curved Needle, for Myers' Lock Stitch Awl ..... .95
No. 8—Regular Straight Needle, for Myers' Lock Stitch Awl ..... .95
Extra Reels—With Best Waxed Linen Thread, Weight 1 Oz. 1.80

SUMMERS' AUTOMATIC LOCK STITCH



Stained Wood Handle, with Bobbin on Inside, Complete with Three Needles, One Small and One Large for Light and Heavy Stitching and One Curved Point for Patching Shoes, etc., a Skein of Waxed Thread and Wrench for Tightening Clamp.

Per Dozen
Summers' Automatic—6¼ in. Long with Needle Inserted $4.45
Approx. Weight Per Dozen 2 Pounds.
One-twelfth Dozen in a Package.

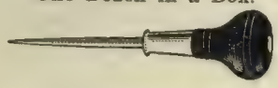
Per Dozen
Extra Needles—Straight, for Summers' Automatic Stitching Awl $0.80
Extra Needles—Bent, for Summers' Automatic Stitching Awl ..... .80
Special Linen Thread—3 Cord, Light, Twisted and Prepared to Wax..... .90
Special Linen Tread—5 Cord, Heavy, Twisted and Prepared to Wax..... .90

Scratch Awls.

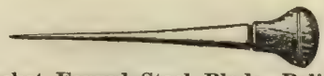
Cast Steel Blade, Needle Point, Hardwood Handle, Brass Ferrule.
Per Dozen
No. 1—3 in. Long Blade.....**$1.10**
Approx. Weight Per Dozen 1 Pound.
One Dozen in a Box.

Hurwood.
One Piece Steel Blade, Shank and Head, Needle Point, Carefully Tempered, Black Stained Handle, Polished Steel Ferrule.
Per Dozen
No. 6—2¾ in. Long Blade.....**$3.90**
Approx. Weight Per Dozen 1½ Pounds.
One-half Dozen in a Box.

Extra Quality Cast Steel Blade, Black Enameled Handle, Nickel Plated Ferrule. Per Dozen
No. 25—3 in. Long Blade, Approx. Weight Per Dozen 1½ Lbs..**$1.80**
No. 26—4½ in. Long Blade, Approx. Weight Per Dozen 2 Lbs. **1.45**
One Dozen in a Box.



Hurwood.
One Piece Steel Blade, Shank and Head, Needle Point, Carefully Tempered, Black Stained Handle, Polished Steel Ferrule. Per Dozen
No. 7—3½ in. Long Blade.....**$4.10**
Approx. Weight Per Dozen 2¼ Pounds.
One-half Dozen in a Box.



Socket Forged Steel Blade, Polished White Handle. Per Dozen
No. 11—4¾ in. Long, Blade and Socket **$2.80**
Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

Chalk Line Reels and Awls.

Hardwood Reel, Polished, with No. 1 Scratch Awl. Per Dozen
No. 14—3 in. Long Reel, 2 in. Diameter **$1.55**
Approx. Weight Per Dozen 2⅛ Pounds.
One Dozen in a Box.

Chalk Line Reels.

Hardwood Reel, Polished.
Per Dozen
No. 12—3 in. Long Reel, 2 in. Diameter **$0.70**
Approx. Weight Per Dozen 1 Pound.
One Dozen in a Box.

Handled Brad Awls.

Cast Steel Blade, Flat Point, Hardwood Handle, Brass Ferrule.
Per Dozen
No. 3—Assorted Small **$1.10**
Approx. Weight Per Dozen ⅞ Pound.
One Dozen in a Box.

Cast Steel Blade, Flat Point, Hardwood Handle, Brass Ferrule.
Per Dozen
No. 4—Assorted Large **$1.35**
Approx. Weight Per Dozen 1⅛ Pounds.
One Dozen in a Box.

Awl Hafts and Handles.

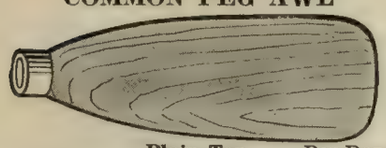
COMMON SEWING AWL

Plain Top. Per Dozen
No. 10—4 in. Long, Plain Finish Hardwood, Brass Ferrule **$0.70**
Approx. Weight Per Dozen ½ Pound.
Three Dozen in a Box.

PATENT SEWING AWL

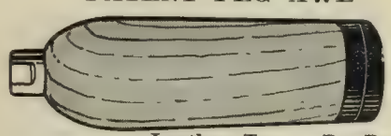
Plain Top. Per Dozen
No. 6½—4½ in. Long, Plain Finish Hardwood, Steel Screw and Nut, with Wrench, Holds Any Size Awl **$1.35**
Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

COMMON PEG AWL



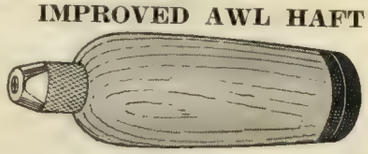
Plain Top. Per Dozen
No. 11—4 in. Long, Plain Finish Hardwood, Brass Ferrule...**$0.70**
Approx. Weight Per Dozen 1 Pound.
Three Dozen in a Box.

PATENT PEG AWL



Leather Top. Per Dozen
No. 6—4 in. Long, Leather Top Hickory, Steel Screw and Nut, with Wrench.....**$1.35**
Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

IMPROVED AWL HAFT

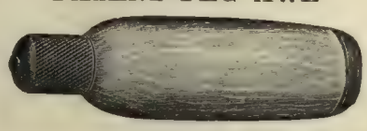


Leather Top. Per Dozen
No. X6—4 in. Long, Leather Top Hickory, Four Jaw Chuck, Knurled Locking Nut, Complete with Wrench.....**$3.00**
Approx. Weight Per Dozen 3 Pounds.
One Dozen in a Box.

PATENT SEWING AWL

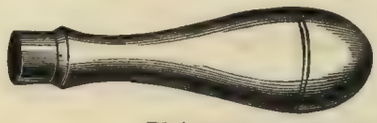
Plain Top. Per Dozen
No. 16—4⅛ in. Long, Polished Hickory Handle, Steel Knurled Chuck and Jaws, Natural Black Finish.....**$2.75**
Approx. Weight Per Dozen 2 Pounds.
One-half Dozen in a Box.

PATENT PEG AWL



Leather Top. Per Dozen
No. 15—4¼ in. Long, Leather Capped, Polished Hickory Handles, Steel Knurled Chuck and Jaws, Natural Black Finish **$2.75**
Approx. Weight Per Dozen 2½ Pounds.
One-half Dozen in a Box.

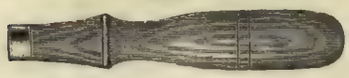
COMMON BRAD AWL



Plain Top. Per Dozen
No. 214—Assorted Sizes, Polished Beech and Maple, Brass Ferrule **$0.45**
Approx. Weight Per Dozen 1½ Pounds.
Three Dozen in a Box.

Chisel Handles.

TANGED FIRMER

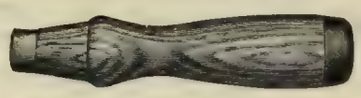


Hickory, Brass Ferrule.

	Per Dozen
No. 31—Assorted 6 Sizes, 5 to 6¼ in. Long	**$0.70**
No. 33—Assorted 4 Sizes, 5½ to 6¼ in. Long	**.80**
No. 37—Extra Large Size Only, 6½ in. Long	**1.10**

Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

TANGED FIRMER



Hickory, Brass Ferrule, Leather Capped.

	Per Dozen
No. 4—Assorted, 4 Sizes, 5½ to 6¼ in.	**$1.15**

Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

SOCKET BUTT

Hickory, Leather Capped.

	Per Dozen
No. 6524—Assorted Sizes, for 1¼ to 2 in. Chisels	**$1.70**

Approx. Weight Per Dozen 1 Pound.
One Dozen in a Box.

SOCKET FIRMER

Hickory.

	Per Dozen
No. 51—Assorted 6 Sizes, 5⅝ to 6¼ in.	**$0.55**
No. 53—Assorted 4 Sizes, 5⅝ to 6¼ in.	**.60**
No. 55—Assorted 2 Sizes, 6 and 6¼ in.	**.65**

Applewood.

	Per Dozen
No. 61—Assorted 6 Sizes, 5⅝ to 6¼ in.	**$0.70**
No. 63—Assorted 4 Sizes, 5⅝ to 6¼ in.	**.80**

Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

SOCKET FIRMER

Hickory, Leather Capped.

	Per Dozen
No. 5—Assorted 3 Sizes, 5¼ to 5¾ in. Long	**$1.10**
No. 6—Assorted 2 Sizes, 5¼ and 5¾ in. Long	**1.35**
No. 05—Assorted, for ⅜ to 1 in. Chisels	**1.10**

Approx. Weight Per Dozen 2 Pounds.
One Dozen in a Box.

SOCKET FIRMER

Hickory, Iron Ferrule.

	Per Dozen
No. 613—Assorted Sizes, Large, 5¾ to 6 in. Long	**$0.90**
No. 612—Assorted Sizes, Regular, About 5½ in. Long	**.85**

Approx. Weight Per Dozen 2½ Pounds.
One Dozen in a Box.

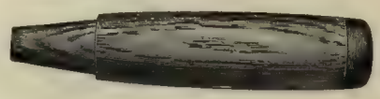
SOCKET FRAMING

Hickory, Polished Iron Ferrules.

	Per Dozen
No. 71—Assorted 6 Sizes, 6 to 6¾ in. Long	**$0.90**
No. 73—Assorted 4 Sizes, 6 to 6¾ in. Long	**.95**
No. 702—Extra Large Sizes Only, 6¾ in., for 2 in. Chisels	**1.00**

Approx. Weight Per Dozen 3 Pounds.
One Dozen in a Box.

SOCKET FRAMING



Hickory, Leather Capped.

	Per Dozen
No. 7—Assorted 3 Sizes, Length About 5¾ in.	**$1.35**

Approx. Weight Per Dozen 3 Pounds.
One Dozen in a Box.

File Handles.

Common, Basswood, Brass Ferrule.

	Per Gross
No. 212—Assorted Sizes	**$3.35**
No. 213—Assorted Large Sizes	**3.90**

Approx. Weight Per Gross 15 Pounds.
One-quarter Gross in a Box.

File Handles.

BEAT 'EM ALL, Best Quality Selected Birch, Heavy Brass Plated Steel Ferrule.

	Per Dozen
No. 101—3¾ in. Long, for 3 to 6 in. Files, Approx. Weight Per Dozen 1 Lb	**$0.60**
No. 102—4¼ in. Long, for 6 to 8 in. Files, Approx. Weight Per Dozen 1⅝ Lbs	**.70**
No. 103—4¾ in. Long, for 8 to 12 in. Files, Approx. Weight Per Dozen 2⅝ Lbs	**.80**
No. 104—5¼ in. Long, for 12 to 18 in. Files, Approx. Weight Per Dozen 3 Lbs	**1.00**

Three Dozen in a Box.

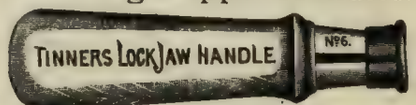
Tool Handles.

Stearns', Japanned Malleable Iron Handle and Clamp, Steel Set Screw.

	Per Dozen
No. 55—5 in. Long, Holds all Tools with Shank Less than ⅜ in. Square, Round or Flat	**$1.70**

Approx. Weight Per Dozen 4 Pounds.
One Dozen in a Box.

Soldering Copper Handles.

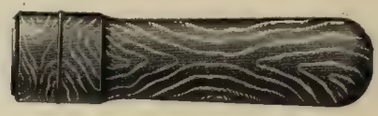


Lock Jaw, Hardwood, Coppered Malleable Iron Ferrule.

	Per Dozen
No. 60—6 in. Long	**$1.00**

Approx. Weight Per Dozen 3 Pounds.
Three Dozen in a Box.

Soldering Copper Handles.



Basswood, Wire Ferrule.

	Per Dozen
No. 3—5¾ in. Long	**$0.45**

Approx. Weight Per Dozen 2½ Pounds.
Three Dozen in a Box.

Auger Handles.

Common, Hickory. Per Dozen
No. 4—Assorted Sizes, 15 to 17 in.....**$1.00**
Approx. Weight Per Dozen 6½ Pounds.
Open Stock.

SWAN'S PATENT, Adjustable Hardwood Detachable Handles, Imitation Rosewood Finish, with Two Slides.
Per Dozen
No. 6516—15 in. Long, Suitable for ⅜ to 2½ in. Auger Shanks **$21.30**
Approx. Weight Per Dozen 20 Pounds.
One-twelfth Dozen in a Box.

Plane Handles.

JACK **FORE OR JOINTER**

No. 10. No. 12.

Beechwood. Per Dozen
No. 10—To Fit Wood Jack Planes, Approx. Weight Per Dozen 2 Lbs.....**$1.00**
No. 12—To Fit Wood Fore or Jointer Planes, Approx. Weight Per Dozen 3 Lbs..... **1.45**
One Dozen in a Box.

PECK'S PATENT, Adjustable, White Ash, Iron Bound.
Per Dozen
No. 8—18 in. Long.....**$4.45**
Approx. Weight Per Dozen 13 Pounds.
One-half Dozen in a Package.

GUNN'S RATCHET, Second Growth Ash Wood Handles (One Detachable), Malleable Iron and Steel Parts.
Per Dozen
No. 5—16½ in. Long, Holds and Centers Auger Shanks of all Ordinary Sizes.....**$25.50**
Approx. Weight Per Dozen 26 Pounds.
One-twelfth Dozen in a Box.

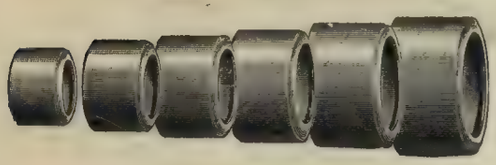
Screw Driver Handles.

No. 5—Hardwood, Polished and Bored, with Stamped Brass Ferrule.

For Drivers, Inches.....	1½	2	3	4	5
Ap. Wt. Per Dozen, Lbs..	¾	⅞	1	1¼	1½
Per Dozen	$1.20	1.20	1.20	1.28	1.38
For Drivers, Inches.....	6	7	8	9	10
Ap. Wt. Per Dozen Lbs..	2	2⅛	2⅛	2½	2¾
Per Dozen	$1.48	1.62	1.81	1.95	2.05

One Dozen in a Box.

Brass Ferrules.



Seamless Brass.

Nos.	10	9	8	7	6	5
Outside Diameter, Inches.....	5/16	3/8	7/16	½	9/16	5/8
Approx. Weight Per Gross, Lbs.	½	½	½	½	⅝	¾
Per Dozen	$0.29	.32	.33	.45	.57	.62
Nos.	4	3	2	1	0	00
Outside Diameter, Inches.....	11/16	¾	13/16	⅞	15/16	1
Approx. Weight Per Gross, Lbs.	¾	¾	⅞	1	1¼	1½
Per Dozen	$0.76	.81	.95	1.05	1.19	1.57

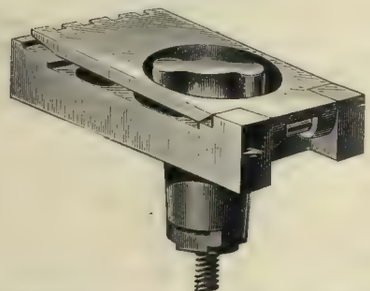
Open Stock.

Bench Hooks.

SMITH'S

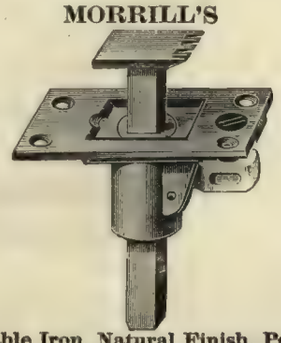
Reversible, Adjustable, Cast Iron Body, Black Japanned, Polished Top, Operated by Wing Nut, Counter-Sunk in Bench.
Per Dozen
No. 20—3⅝x1⅞ in. Top, 2⅝ in. High **$7.25**
Approx. Weight Per Dozen 14 Pounds.
One-half Dozen in a Box.

BONNEY'S



Japanned Grey Iron Body, Malleable Iron Polished Plate, Countersunk in Bench, Operated by Spring and Wing Nut.
Per Dozen
No. 5—3⅝x1⅞ in. Top, 2½ in. High **$9.35**
Approx. Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

MORRILL'S

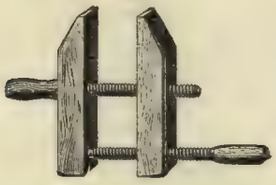


Malleable Iron, Natural Finish, Polished Top, Steel Head and Spindle with Teeth in One Side, Screw Adjustment.
Per Dozen
No. 25—Head 1⅜x1⅜ in., Top Plate 3½x2 in., Extreme Height 4 in.....**$11.65**
Approx. Weight Per Dozen 12 Pounds.
One-half Dozen in a Box.

V. & B. GERMAN PATTERN
Solid Forged Steel, Spring Tempered Springs, Oil Tempered Checkered Face, Painted Black. Per Dozen
No. 2—⅞ in. Square Body, 7½ in. Under Head, 8½ in. Long Over All.....**$17.80**
Approximate Weight Per Dozen 43 Pounds.
One-half Dozen in a Box.

Wood Hand Screws.

CARPENTERS'



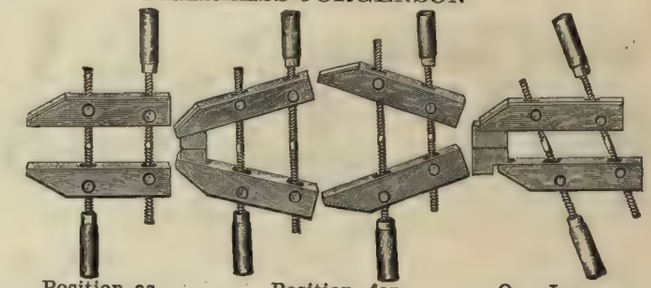
Selected Second Growth Hickory Spindles, Tumbled and Waxed, Michigan Hard Maple Jaws, Sanded and Oiled.

Nos.	813	812	810	808
Length Jaw, Inches...	8	10	12	14
Size of Jaw, Inches...	1⅜x1⅜	1⅝x1⅝	1⅞x1⅞	2⅛x2⅛
Opens, Inches	4½	5½	8½	10
Diam. Screw, Inches..	⅝	¾	⅞	⅞
Length Screw, Inches.	10	12	16	18
Ap. Wt. Dozen, Lbs..	15	20	35	50
Per Dozen	$6.70	7.80	9.90	11.65

Nos.	806	804	802	800
Length Jaw, Inches...	16	18	20	24
Size of Jaw, Inches...	2⅜x2⅜	2½x2½	2⅝x2⅝	3x3
Opens, Inches	11	12¼	13¾	17
Diam. Screw, Inches..	1	1⅛	1¼	1¼
Length Screw, Inches.	20	22	24	28
Ap. Wt. Dozen, Lbs..	70	90	120	140
Per Dozen	$13.35	15.20	17.10	21.30

No. 813, Two Dozen; Balance, One Dozen in a Case.

PEERLESS JORGENSON



Position as Regular Hand Screw. Position for Beveled Work. One Jaw Overlapping Other.

ADJUSTABLE, Steel Spindles and Sockets, Seasoned Maple Jaws.

Nos.	0	1	2
Length Jaw, Inches.....	8	10	12
Size of Jaw, Inches.....	1½x1⅞	1½x1¾	1¾x2⅛
Opens, Inches	4	6	8
Diam. Screw, Inches....	⅜	⅜	7/16
Length Screw, Inches...	7	9	12
Ap. Wt. Per Dozen, Lbs.	25	32	50
Per Dozen	$11.75	13.85	15.45

Nos.	3	4	5
Length Jaw, Inches.....	14	16	18
Size of Jar, Inches.....	2x2⅜	2¼x2¾	2¼x2¾
Opens, Inches	10	12	14
Diam. Screw, Inches....	7/16	½	½
Length Screw, Inches...	14	16	20
Ap. Wt. Per Dozen, Lbs.	63	85	95
Per Dozen	$17.05	20.25	23.45

Open Stock.

Bench Screws.

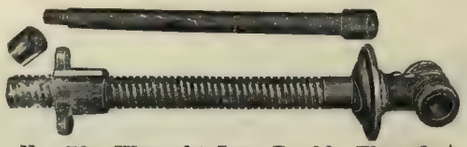
No. 40—Wrought Iron Double Thread, Movable Collar, Wood Handle.

Diam. Screw, Inches.	1	1⅛
Length Over All, In..	16	16
Ap. Wt. Doz., Lbs...	68	81
Per Dozen	$6.70	7.80

Diam. Screw, Inches.	1¼	1½
Length Over All, In..	17	19
Ap. Wt. Doz., Lbs...	94	148
Per Dozen	$10.00	16.65

One Dozen in a Box.

Bench Screws.



No. 50—Wrought Iron Double Thread, Movable Collar, Wood Handle.

Diam. Screw, Inches.	1⅛	1¼
Length Over All, In.	21	21
Ap. Wt. Doz., Lbs...	95	107
Per Dozen	$16.65	19.65

Diam. Screw, Inches.	1¼	1½
Length Over All, In..	26	26
Ap. Wt. Doz., Lbs...	130	180
Per Dozen	$23.35	33.35

One Dozen in a Box.

Bench Screws.

White Seasoned Maple Patent Groove, Metallic Vise Flange.

Per Dozen

No. 185—2½ in. Screw, 24 in. Long Over All, 2½x5x7 in., Block, 16 in. Long Handle, with One Removable Knob, Weight Per Dozen About 80 Lbs. $11.10

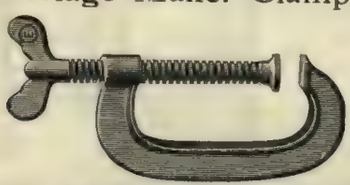
Wood Tail Screw.

Per Dozen

No. 186—2½ in. Screw, 24 in. Long Over All, 2½x5x28 in. Wood Block, 16 in. Long Handle with One Removable Knob, Weight Per Dozen About 120 Lbs..... $23.35

One Dozen in a Box.

Carriage Maker Clamps.



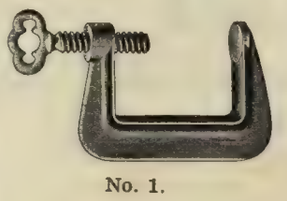
Common, Malleable Iron, Riveted Button.

Nos.	2½	3	4	5	6
Opens, Inches	2½	3	4	5	6
Clearance Betw. Frame and Screw, Inches.	1½	1½	2	2⅛	2½
Ap. Wt. Doz., Lbs...	10	14	17	24	30
Per Dozen	$2.90	3.35	4.70	5.55	7.25

Nos.		7	8	10	12
Opens, Inches		7	8	10	12
Clearance Betw. Frame and Screw, Inches.		2½	3½	4	4½
Ap. Wt. Doz., Lbs...		38	45	48	54
Per Dozen		$8.65	10.00	16.95	20.80

2½ to 5 in., One-half Dozen; 6 to 12 in., One-quarter Dozen in a Package.

Quilt Frame Clamps.



No. 1.

Nos. 32 and 33.

Cast Iron Frame, Japanned.

Per Dozen

No. 1—Opens 2¼ in., Plain Screw, Weight Per Dozen About 3 Lbs..... $0.60

No. 32—Opens 2¼ in., Swivel Head or Screw, Weight Per Dozen About 4 Lbs..... .70

No. 33—Opens 3 in., Swivel Head or Screw, Weight Per Dozen 4¾ Lbs..... .90

Two Dozen in a Box.

Cabinet Makers' Clamps.

COLT'S ECCENTRIC

Style of 4 to 12 in. Style of 24 and 36 in.

No. 5—Malleable Iron, Lacquered, Sliding Jaw, Swivel Head.

Inches	4	6	8	12	24	36
Ap. Wt. Doz., Lbs.	9¼	20	28	31	47	60
Per Dozen	$7.10	9.80	12.45	15.10	21.30	26.65

Open Stock.

R. E. J. SPEEDY

Malleable Iron, Rough Spots Ground and Brushed Off, Oil Finish.

	Regular				Heavy	
Inches	4	6	8	10	6	8
Ap. Wt. Doz., Lbs.	24	30	48	72	42	66
Per Dozen	$5.40	6.25	8.00	10.70	7.10	9.80

Any size Clamp can be used for all thicknesses by simply sliding lower part up to a required place, then give Screw Pin one or two turns and Clamp is set.

Open Stock.

Carpenters' Door Clamps.

¼x1½ in. Steel Bar, Notches on Lower Side, ⅝ in. Steel Screw, Malleable Iron Crank, Frame, Tip and Slide, Tempered Steel Dog, Japanned, Ebonized Wood Handle.

Nos.	23	24	25
Opens, Feet	3	4	5
Ap. Weight Per Dozen, Lbs.	93	108	122
Per Single Dozen	$35.60	40.00	44.50

The Notches on lower edge of base afford greater holding power to the sliding jaw than if cut on upper edges.

Open Stock.

Wrought Iron, Japanned.

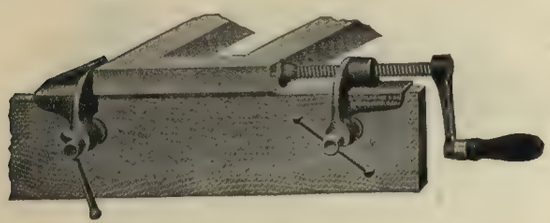
Per Dozen

No. 10—Mounted on 4 ft. of Wood, Weight Per Dozen About 180 Lbs. **$26.65**

No. 5—Irons Only, **Not Mounted**, Weight Per Dozen About 90 Lbs. **17.80**

The Irons are mounted upon a thoroughly seasoned hardwood bar. The Movable Jaw slides easily along the Bar to accommodate different sizes of work.

No. 5, One Dozen; No. 10, One-half Dozen in a Box.



No. 325.

Malleable Iron Jaws and Crank, Steel Screws, Malleable Ball and Socket Washer, Steel Sliding Handles, Polished Hardwood Grip on Crank.

Per Dozen Pairs

No. 32S—Consists of One Head Piece and One Sliding Jaw or Tail Piece, can be Used on Any Piece of Timber Up to 1½ in. Thick and 2 in. or More in Width **$24.00**

Weight Per Dozen Pairs About 72 Pounds.

Open Stock.

Iron Clamp Heads.

Wrought Iron Screw, Double Thread, Iron Handle.

Per Dozen

No. 11—1⅛ in. Diameter of Screw **$26.00**

Weight Per Dozen About 90 Pounds.

One Dozen in a Box.

Wrought Iron Screw, Double Thread, Iron Handle.

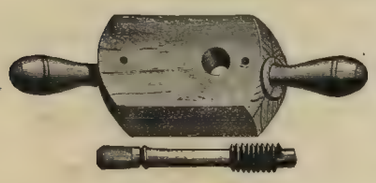
Per Dozen

No. 12—1⅛ in. Diameter of Screw **$29.50**

Weight Per Dozen About 125 Pounds.

One Dozen in a Box.

Wood Screw Cutters.



Selected Wood Cutter and Steel Top, Polished Shank.

Inches	⅜	½	⅝	¾	⅞	1
Ap. Weight Each, Lbs.	⅜	½	⅝	¾	1	1¼
Each	$1.40	1.50	1.60	1.80	2.00	2.30
Inches	1⅛	1¼	1⅜	1½	1¾	2
Ap. Weight Each, Lbs.	1¾	2	2¼	3	4½	6
Each	$2.70	3.20	3.70	4.20	6.00	8.00

Open Stock.

Adjustable Iron Planes.

EVERKEEN J.P.H.CO.

SMOOTH BOTTOM

Smooth.	Each
No. E2—7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$2.20
No. E3—8 in. Long, 1¾ in. Cutter, Weight Each About 3⅛ Lbs.	2.40
No. E4—9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	2.60
No. E4½—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	3.00

One in a Box.

Jack.	Each
No. E5—14 in. Long, 2 in. Cutter, Weight Each About 6 Lbs.	$3.00
No. E5½—15 in. Long, 2¼ in. Cutter, Weight Each About 7 Lbs.	3.40

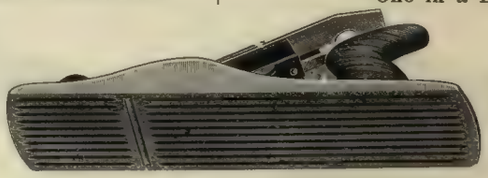
One in a Box.

Fore.	Each
No. E6—18 in. Long, 2⅜ in. Cutter, Weight Each About 7¾ Lbs.	$3.80
Jointer.	**Each**
No. E7—22 in. Long, 2⅜ in. Cutter, Weight Each About 8½ Lbs.	$4.40
No. E8—24 in. Long, 2⅝ in. Cutter, Weight Each About 10 Lbs.	5.20

One in a Box.

CORRUGATED BOTTOM

No. E3C.



No. E6C.

Smooth.	Each
No. E2C—7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$2.20
No. E3C—8 in. Long, 1¾ in. Cutter, Weight Each About 3⅛ Lbs.	2.40
No. E4C—9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	2.60
No. E4½C—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	3.00

One in a Box.

Jack.	Each
No. E5C—14 in. Long, 2 in. Cutter, Weight Each About 6 Lbs.	$3.00
No. E5½C—15 in. Long, 2¼ in. Cutter, Weight Each About 7 Lbs.	3.40

One in a Box.

Fore.	Each
No. E6C—18 in. Long, 2⅜ in. Cutter, Weight Each About 7¾ Lbs.	$3.80
Jointer.	**Each**
No. E7C—22 in. Long, 2⅜ in. Cutter, Weight Each About 8½ Lbs.	4.40
No. E8C—24 in. Long, 2⅝ in. Cutter, Weight Each About 10 Lbs.	5.20

One in a Box.

Adjustable Wood Bottom Planes.

EVERKEEN J.P.H.CO.

Smooth.	Each
No. E22—8 in. Long, 1¾ in. Cutter, Weight Each About 2½ Lbs.	$1.60
No. E23—9 in. Long, 1¾ in. Cutter, Weight Each About 2¾ Lbs.	1.60
No. E24—8 in. Long, 2 in. Cutter, Weight Each About 3 Lbs.	1.60

One in a Box.

Handled Smooth.	Each
No. E35—9 in. Long, 2 in. Cutter, Weight Each About 4 Lbs.	$2.00

One in a Box.

Jack.	Each
No. E26—15 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	$1.80
No. E27—15 in. Long, 2⅛ in. Cutter, Weight Each About 4 Lbs.	2.00
No. E27½—15 in. Long, 2¼ in. Cutter, Weight Each About 4¾ Lbs.	2.00
Fore.	**Each**
No. E28—18 in. Long, 2⅜ in. Cutter, Weight Each About 5½ Lbs.	$2.20
No. E29—20 in. Long, 2⅜ in. Cutter, Weight Each About 6¼ Lbs.	2.20
Jointer.	**Each**
No. E30—22 in. Long, 2⅜ in. Cutter, Weight Each About 6¼ Lbs.	$2.40
No. E31—24 in. Long, 2⅜ in. Cutter, Weight Each About 6½ Lbs.	2.40
No. E32—26 in. Long, 2⅝ in. Cutter, Weight Each About 7⅝ Lbs.	2.60
No. E33—28 in. Long, 2⅝ in. Cutter, Weight Each About 8⅜ Lbs.	2.60
No. E34—30 in. Long, 2⅝ in. Cutter, Weight Each About 8½ Lbs.	2.80

One in a Package.

Block Planes.

Cast Iron Frames and Caps, Enameled, Perfectly True Bottoms, Highest Grade Tool Steel Cutters, Oil Tempered and Sharpened.

EVERKEEN J.P.H.CO. TRADE MARK

Non-Adjustable.

Each

No. E101—3½ in. Long, 1 in. Cutter, Weight Each About ¼ Lb. **$0.18**

Six in a Box.

Non-Adjustable, Handled.

Each

No. E100—3½ in. Long, 1 in. Cutter, Weight Each About ⅜ Lbs. **$0.26**

One in a Box.

Non-Adjustable.

Each

No. E102—5½ in. Long, 1¼ in. Cutter, Weight Each About ⅞ Lb. **$0.42**

Adjustable. Each

No. E103—5½ in. Long, 1¼ in. Cutter, Weight Each About ⅞ Lb. **$0.56**

One in a Box.

Non-Adjustable, with Applewood Knob.

Each

No. E110—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1¾ Lbs. **$0.56**

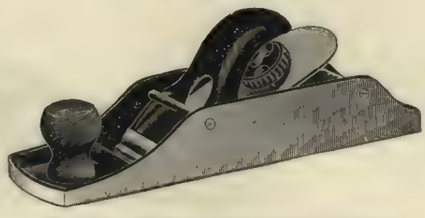
One in a Box.

Screw Adjustment, Rosewood Knob.

Each

No. E220—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$0.76**

One in a Box.

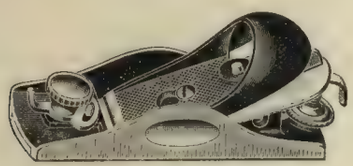


Double Ender, Hardwood Knob.

Each

No. E130—8 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ in. **$0.80**

One in a Box.



Japanned Trimmings.

Each

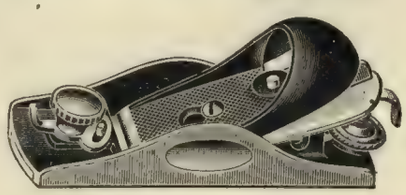
No. E9½—6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.24**

Nickel Trimmings.

Each

No. E16 —6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.36**

One in a Box.



Japanned Trimmings.

Each

No. E15—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.40**

Nickel Trimmings.

Each

No. E17—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.48**

One in a Box.

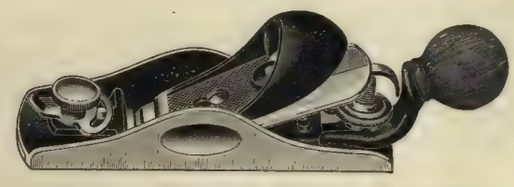
Nickel Trimmings, Knuckle Joint.

Each

No. E18—6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.48**

No. E19—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **1.56**

One in a Box.



Japanned Trimmings, Rosewood Handle

Each

No. E9¾—6 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.48**

No. E15½—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅞ Lbs. **1.56**

One in a Box.

Low Angle, Nickel Trimmings.

Each

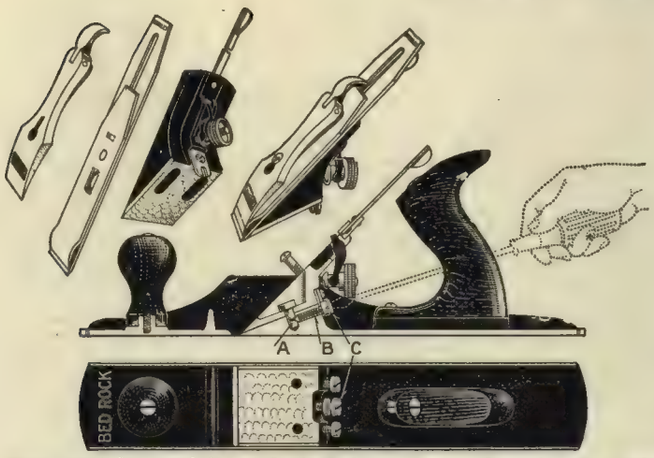
No. E60—6 in. Long, 1½ in. Cutter, Weight Each About 1¼ Lbs. **$1.40**

No. E65—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **1.48**

One in a Box.

Adjustable Iron Planes.

STANLEY "BED ROCK" PLANES



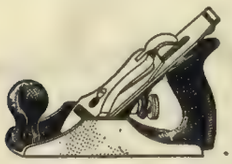
The absolute solidity and one-piece effect of the "Bed Rock" Plane is as much a fact as if the parts were all one, for the reason that the entire under surface of the Frog is in perfect contact with the solid seat cast in the Plane Bottom. The Frog and the Bottom are so perfectly fitted together, that from the Plane Iron to the Bottom, the Plane is as one solid piece of metal. This form of construction positively prevents any chance of vibration.

The Frog is made with a tongue on the under side, which fits in a groove in the Plane Body. This tongue and groove are made to conform, so that when adjustment is necessary the tongue of the Frog travels in the groove, which insures its being square with the mouth of the Plane, thus preventing any possible shifting or "wobbling." It is held to its seat by means of two pins of large diameter "A", each of these having a tapered hole near the lower end. The two Frog clamping screws "B" have tapered points. These points fit in the holes in the pins "A." The center of the tapered hole in these pins is slightly above the center line of the Frog clamping screws, so that when these screws are driven in, they produce the effect of a wedge, drawing the pins downward, and clamping the Frog absolutely rigid in its place. If, for any reason, these Frog pins "A" should be taken out of the Plane, care must be used in replacing them to see that the tapered holes come in line with the points of the Frog clamping screws "B." (See cut.)

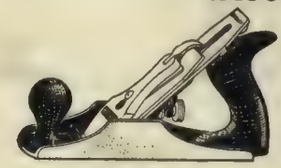
For the purpose of opening or closing the mouth, as coarse or fine work may require, the Frog may be adjusted either forward or backward without removing the Lever and Cutter. Simply slacken the tension of the two Frog clamping screws "B," and with a screw driver adjust the Frog as desired by means of the Frog adjusting screw "C" in the center, then tighten the Frog clamping screws "B." (See cut.)

Particular attention is called to the shape of the sides of the Plane. This distinctive feature adds greatly to its strength and stiffness as well as affording large bearing surfaces when the Plane is used on its sides.

SMOOTH BOTTOM



No. 603.



No. 604.

Smooth.

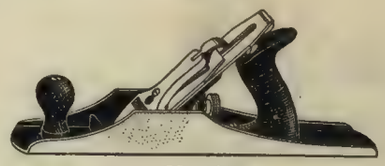
		Each
No. 602	—7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$3.02
No. 603	—8 in. Long, 1¾ in. Cutter, Weight Each About 3¼ Lbs.	3.15
No. 604	—9 in. Long, 2 in. Cutter, Weight Each About 3⅝ Lbs.	3.42
No. 604½	—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	4.00

One in a Box.

Fore.

		Each
No. 606	—18 in. Long, 2⅜ in. Cutter, Weight Each About 7⅜ Lbs.	$4.92

One in a Box.



No. 605.

Jack.

		Each
No. 605	—14 in. Long, 2 in. Cutter, Weight Each About 4½ Lbs.	$4.00
No. 605½	—15 in. Long, 2¼ in. Cutter, Weight Each About 6½ Lbs.	4.38

One in a Box.

Jointer.

		Each
No. 607	—22 in. Long, 2⅝ in. Cutter, Weight Each About 8¾ Lbs.	$5.75
No. 608	—24 in. Long, 2⅝ in. Cutter, Weight Each About 9¾ Lbs.	6.80

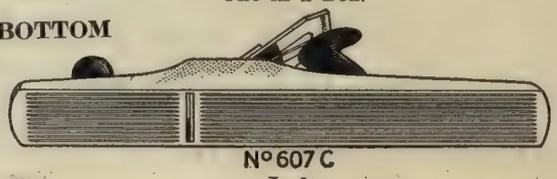
One in a Box.

CORRUGATED BOTTOM

Smooth.

		Each
No. 602C	—7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$3.02
No. 603C	—8 in. Long, 1¾ in. Cutter, Weight Each About 3¼ Lbs.	3.15
No. 604C	—9 in. Long, 2 in. Cutter, Weight Each About 3⅝ Lbs.	3.42
No. 604½C	—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	4.00

One in a Box.



Jack.

		Each
No. 605C	—14 in. Long, 2 in. Cutter, Weight Each About 4½ Lbs.	$4.00
No. 605½C	—15 in. Long, 2¼ in. Cutter, Weight Each About 6½ Lbs.	$4.38

Fore.

		Each
No. 606C	—18 in. Long, 2⅜ in. Cutter, Weight Each About 7⅜ Lbs.	$4.92

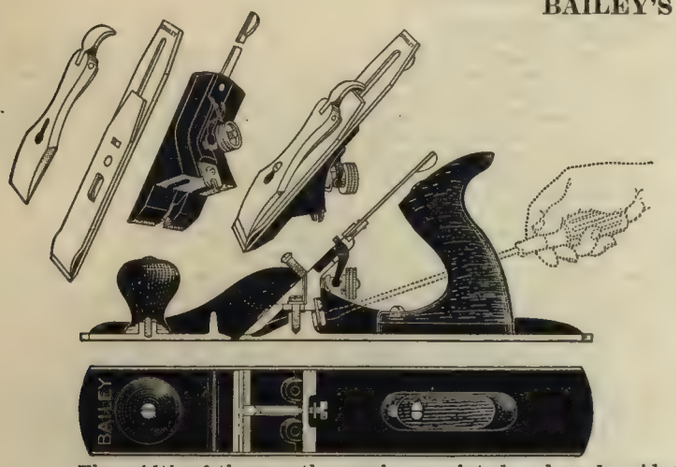
Jointer.

		Each
No. 607C	—22 in. Long, 2⅝ in. Cutter, Weight Each About 8¾ Lbs.	5.75
No. 608C	—24 in. Long, 2⅝ in. Cutter, Weight Each About 9¾ Lbs.	6.80

One in a Box.

Adjustable Iron Planes.

BAILEY'S BENCH



Bench Planes, are divided into four classes, namely: **Smooth, Jack, Fore and Jointer.**

A **Smooth Plane** is for finishing or smoothing off flat surfaces. Where the uneven spots are of slight area, its short length will permit it to locate these irregularities, leaving the work with a smooth surface when finished.

A **Jack Plane** is used to true up the edges of a board in the rough and prepare it for the Fore or Jointer.

A **Fore Plane** is simply a short Jointer, and being lighter, is preferred by some workmen to the longer plane.

A **Jointer** is a finishing Plane for large surfaces and is invariably used to true up the edges of boards so that they can be closely fitted or joined together.

In the illustration the detail of construction is very clearly shown. Note that the frog has a support directly at the rear of the mouth, making practically one solid piece from the cap to the bottom. The sides and bottom of the plane are stiffened by means of the cross ribs. The screw bosses on each side of the center rib are very deep, allowing a number of threads to engage, thereby securely holding the frog. The design prevents the plane being drawn out of true when the face of the frog is screwed up hard.

The width of the mouth may be regulated and made wider or narrower as coarse or fine work may require. First remove the lever and cutter and loosen the two frog screws that fasten the frog to its seat. With a screw driver turn the center adjusting screw (see cut) to the right to close the mouth, and to the left to open it. When the frog is in the position desired, tighten the frog screws and replace the cutter and lever.

The cutter is adjustable endwise by means of the adjusting wheel at the back of the frog. It is also adjustable sidewise by lever located near the top and at the back of the cutter.

It is made of the finest quality English steel, tempered and ground by an improved process, and honed ready for use.

The handle and knob are made of highly finished, thoroughly seasoned rosewood.

All genuine "Bailey" Planes have the name "Bailey" cast in the bottom, and the name Stanley is stamped on the cutter.

SMOOTH BOTTOM

No. 4.

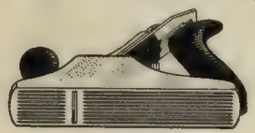
No. 5.

Jack. No. 6.

	Smooth.	Each
No. 1	—5½ in. Long, 1¼ in. Cutter, Weight Each About 1¼ Lbs.	$2.12
No. 2	—7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	2.66
No. 3	—8 in. Long, 1¾ in. Cutter, Weight Each About 3⅛ Lbs.	2.80
No. 4	—9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	3.07
No. 4½	—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	3.52

		Each
No. 5	—14 in. Long, 2 in. Cutter, Weight Each About 4¾ Lbs.	$3.52
No. 5½	—15 in. Long, 2¼ in. Cutter, Weight Each About 6¾ Lbs.	3.96
	Fore.	**Each**
No. 6	—18 in. Long, 2⅜ in. Cutter, Weight Each About 7¾ Lbs.	$4.54
	Jointer.	**Each**
No. 7	—22 in. Long, 2⅜ in. Cutter, Weight Each About 8⅛ Lbs.	$5.15
No. 8	—24 in. Long, 2⅝ in. Cutter, Weight Each About 9¾ Lbs.	6.15

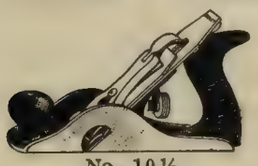
CORRUGATED BOTTOM



	Smooth.	Each
No. 2C	—7 in. Long, 1⅝ in. Cutter, Weight Each About 2¼ Lbs.	$2.66
No. 3C	—8 in. Long, 1¾ in. Cutter, Weight Each About 3⅛ Lbs.	2.80
No. 4C	—9 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	3.07
No. 4½C	—10 in. Long, 2⅜ in. Cutter, Weight Each About 4¾ Lbs.	3.52

		Each
No. 5C	—14 in. Long, 2 in. Cutter, Weight Each About 4¾ Lbs.	$3.52
No. 5½C	—15 in. Long, 2¼ in. Cutter, Weight Each About 6¾ Lbs.	3.96
	Fore.	**Each**
No. 6C	—18 in. Long, 2⅜ in. Cutter, Weight Each About 7¾ Lbs.	$4.54
	Jointer.	**Each**
No. 7C	—22 in. Long, 2⅜ in. Cutter, Weight Each About 8⅛ Lbs.	$5.15
No. 8C	—24 in. Long, 2⅝ in. Cutter, Weight Each About 9¾ Lbs.	6.15

STANLEY'S CARRIAGE MAKERS' RABBET



No. 10½.

No. 10.

Rosewood Handles and Knobs.		Each
No. 10½	—9 in. Long, 2⅛ in. Cutter, Weight Each About 3 Lbs.	$3.56
No. 10	—13 in. Long, 2⅛ in. Cutter, Weight Each About 4¼ Lbs.	4.33

STANLEY'S, STEEL, BENCH

No. 104.

No. 105.

Rosewood Knob and Handle, Pressed Steel Bottoms and Sides in One Piece.		Each
No. 104	—Smooth, 9 in. Long, 2⅛ in. Cutter, Weight Each About 3⅛ Lbs.	$2.80
No. 105	—Jack, 14 in. Long, 2⅛ in. Cutter, Weight Each About 3⅞ Lbs.	3.45

All Above, One in a Box.

Adjustable Wood Bottom Planes.

BAILEY'S BENCH

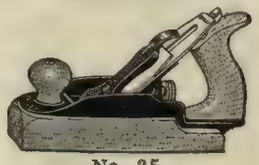
"Bailey" Wood Planes supply the demand for a wood plane of superior quality. The bottom, handle, and knob are made from selected and well-seasoned beech. The cutters are the regular "Bailey" type and are adjustable both endwise and sidewise.

The frog is held in place by two machine screws which pass through the top iron and screw into two brass lugs. These lugs are screwed and securely pinned into the wood bottom. This is far superior to other methods of fastening, as it holds together firmly, the wood bottom, the top iron which strengthens the wood bottom, and the frog.

No. 24.

Smooth.	Each
No. 22—8 in. Long, 1¾ in. Cutter, Weight Each About 2½ Lbs.	$1.90
No. 23—9 in. Long, 1¾ in. Cutter, Weight Each About 2½ Lbs.	1.90
No. 24—8 in. Long, 2 in. Cutter, Weight Each About 2⅞ Lbs.	1.90
Block.	**Each**
No. 25—9½ in. Long, 1¾ in. Cutter, Weight Each About 2½ Lbs.	$1.90

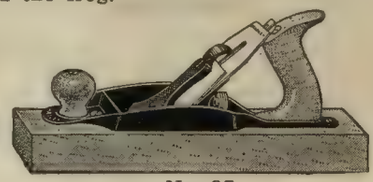
One in a Box.



No. 35.

Handled Smooth.	Each
No. 35—9 in. Long, 2 in. Cutter, Weight Each About 3¼ Lbs.	$2.45
No. 36—10 in. Long, 2⅜ in. Cutter, Weight Each About 4 Lbs.	2.66
Jenny Smooth.	**Each**
No. 37—13 in. Long, 2⅝ in. Cutter, Weight Each About 5 Lbs.	$3.00

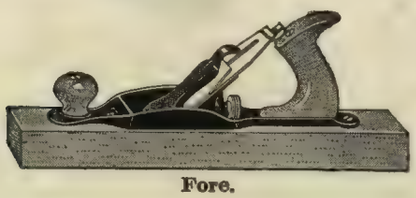
One in a Box.



No. 27.

Jack.	Each
No. 26—15 in. Long, 2 in. Cutter, Weight Each About 3¾ Lbs.	$2.10
No. 27—15 in. Long, 2⅛ in. Cutter, Weight Each About 4 Lbs.	2.35
No. 27½—15 in. Long, 2¼ in. Cutter, Weight Each About 4¾ Lbs.	2.44

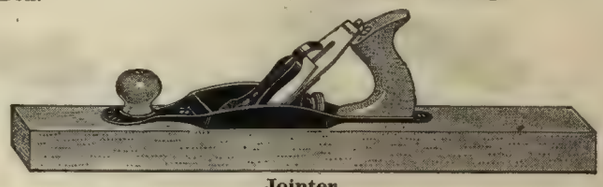
One in a Package.



Fore.

	Each
No. 28—18 in. Long, 2⅝ in. Cutter, Weight Each About 5½ Lbs.	$2.66
No. 29—20 in. Long, 2⅝ in. Cutter, Weight Each About 6¼ Lbs.	2.78

One in a Package.



Jointer.

	Each
No. 30—22 in. Long, 2⅝ in. Cutter, Weight Each About 6¼ Lbs.	$2.85
No. 31—24 in. Long, 2⅝ in. Cutter, Weight Each About 6½ Lbs.	2.90
No. 32—26 in. Long, 2⅝ in. Cutter, Weight Each About 7⅝ Lbs.	3.12
No. 33—28 in. Long, 2⅝ in. Cutter, Weight Each About 8⅜ Lbs.	3.22
No. 34—30 in. Long, 2⅝ in. Cutter, Weight Each About 8½ Lbs.	3.45

One in a Package.

STANLEY'S BENCH

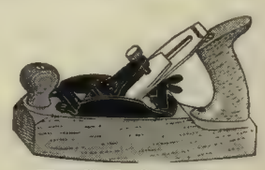
Stanley Wood Planes have a simple lever adjustment, are well made, and for the Householder, the Farmer or the Amateur, or in fact for use in any place where extreme nicety of work is not required, make an excellent tool.

The cutters are of the double cutter type, of a high grade of steel and ground and honed ready for use. They are adjustable endwise by means of a lever and are held in place by a lever thumb screw instead of a cam. The bottoms, handles and knobs are made of beech and the entire plane is well finished.

Smooth.

	Each
No. 122—8 in. Long, 1¾ in. Cutter, Weight Each About 2⅜ Lbs.	$1.56

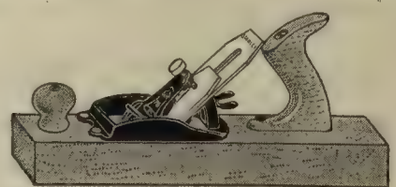
One in a Box.



Handled Smooth.

	Each
No. 135—10 in. Long, 2⅛ in. Cutter, Weight Each About 3 Lbs.	$2.00

One in a Box.



Jack.

	Each
No. 127—15 in. Long, 2⅛ in. Cutter, Weight Each About 3½ Lbs.	$2.00

One in a Package.

Fore.

	Each
No. 129—20 in. Long, 2⅜ in. Cutter, Weight Each About 5⅝ Lbs.	$2.22

One in a Package.

Jointer.

	Each
No. 132—26 in. Long, 2⅝ in. Cutter, Weight Each About 7⅜ Lbs.	$2.55

One in a Package.

Block Planes.

STANLEY'S

Japanned Cast Iron Frames and Caps, High Grade Steel Cutters, Carefully Tempered and Ground.

Non-Adjustable.

Each

No. 101—3½ in. Long, 1 in. Cutter, Weight Each About ¼ Lb. **$0.22**

Six in a Box.

Non-Adjustable, Handled.

Each

No. 100—3½ in. Long, 1 in. Cutter, Weight Each About ⅝ Lb. **$0.33**

One in a Box.

Non-Adjustable.

Each

No. 102—3½ in. Long, 1⅝ in. Cutter, Weight Each About ⅞ Lb. **$0.55**

One in a Box.

Non-Adjustable, Applewood Knob.

Each

No. 110—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$0.66**

One in a Box.

Lever Adjustment.

Each

No. 103—5½ in. Long, 1⅝ in. Cutter, Weight Each About ⅞ Lb. **$0.66**

One in a Box.

Screw Adjustment, Rosewood Knob.

Each

No. 203—5½ in. Long, 1⅝ in. Cutter, Weight Each About 1⅛ Lb. **$1.06**

One in a Box.

Screw Adjustment, Rosewood Knob.

Each

No. 220—7½ in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.00**

One in a Box.

Double Ender, Hardwood Knob.

Each

No. 130—8 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.00**

One in a Box.

Double Ender, Adjustable Cutter. Rosewood Knob.

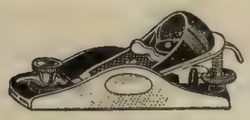
Each

No. 131—8 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.78**

One in a Box.

BAILEY'S

Japanned Cast Iron Frames and Caps, High Grade Steel Cutters, Carefully Tempered and Ground.



Nos. 9½ and 16.

No. 15 and 17.

Adjustable, Japanned Trimmings.

Each

No. 9½—6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.44**

No. 15 —7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **1.56**

Adjustable, Nickel Trimmings.

Each

No. 16 —6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.66**

No. 17 —7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **1.78**

One in a Box.

Nos. 9¾ and 15½.

Adjustable, Japanned Trimmings, Rosewood Handle.

Each

No. 9¾—6 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **$1.78**

No. 15½—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅞ Lbs. **1.90**

Adjustable, Nickel Trimmings, Knuckle Joint.

Each

No. 18 —6 in. Long, 1⅝ in. Cutter, Weight Each About 1½ Lbs. **$1.78**

No. 19 —7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅝ Lbs. **1.90**

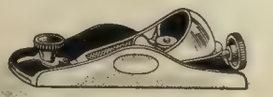
The Knuckle Joint in the cap makes it a lever, to clamp the cutter securely to its seat.

One in a Box.

STANLEY'S

Japanned Cast Iron Frames and Caps, High Grade Steel Cutters, Tempered and Sharpened.

No. 65.



No. 60.

Low Angle, Adjustable Throat, Nickel Trimmings.

Each

No. 65—7 in. Long, 1⅝ in. Cutter, Weight Each About 1⅜ Lbs. **$1.78**

No. 60—6 in. Long, 1⅜ in. Cutter, Weight Each About 1¼ Lbs. **1.66**

One in a Box.

Low Angle, Adjustable Throat, Japanned Trimmings, Rosewood Handle and Knob.

Each

No. 62—14 in. Long, 2 in. Cutter, Weight Each About 3⅝ Lbs. **$3.90**

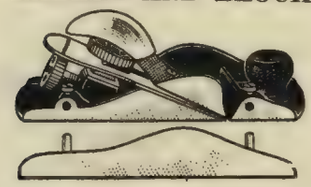
Especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by the use of the ordinary Block Plane.

One in a Box.

Adjustable Iron Planes.

STANLEY'S

RABBET AND BLOCK



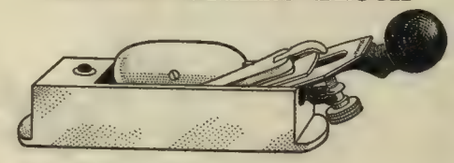
Japanned Trimmings, Rosewood Knob.

Each

No. 140—7 in. Long, 1¾ in. Cutter, Weight Each About 1⅛ Lbs. **$2.00**

A detachable side will easily change this Tool from a Block Plane to a Rabbet Plane or vice versa. The cutter is set on a skew.

CABINET MAKERS' BLOCK



Nickel Trimmed, Rosewood Knob.

Each

No. 9—10 in. Long, 2 in. Cutter, Weight Each About 4½ Lbs. **$6.00**

Used by Piano Makers and workmen of kindred trades requiring an extra fine tool for finishing hardwoods, etc.

CABINET MAKERS' EDGE

Japanned Trimmed, Rosewood Knob.

Each

No. 97—10 in. Long, 2¼ in. Cutter, Weight Each About 3¾ Lbs. **$3.22**

For Piano Makers and all Cabinet workers. The cutter rests on a solid bed practically its entire length. The cutting edge being located at the extreme end of the Plane gives the Tool the form of a chisel.

CABINET MAKERS' RABBET

No. 90—Bull Nose.

No. 93.

Nickel Plated and Adjustable Throat.

Nos.	90	92	93	94
Length, Inches	4	5½	6½	7½
Cutter, Inches	1	¾	1	1¼
Ap. Weight Each, Lbs.	1	1½	1¾	2
Each	$3.00	3.00	3.60	4.22

Designed for fine cabinet work when extreme accuracy is required. The sides and bottom being square with each other, the plane will lie perfectly flat on either side and can be worked either right or left hand.

SIDE RABBET

No. 98

No. 99

Nickel Plated, Rosewood Knobs.

Each

No. 98—Right Hand, 4 in. Long, ½ in. Cutter, Weight Each About ½ Lb. **$1.45**

No. 99—Left Hand, 4 in. Long, ½ in. Cutter, Weight Each About ½ Lb. **1.45**

For side rabbeting and trimming dados, mouldings, and grooves of all sorts. A reversible nose piece will give the tool a form by which it will work close up into corners.

EDGE TRIMMING

Japanned. Each

No. 95—6 in. Long, ⅞ in. Cutter, Weight Each About 1¼ Lbs. **$1.70**

Designed especially for trimming or smoothing the ends of boards, such as siding, etc., for a square and close fit. It has a right angle rest or guide from the cutter edge and the cutter works on a skew giving an easy shaving cut. The rest or guide has two screw holes to which wood blocks of various levels may be attached enabling user to make a slanting cut.

BULL NOSE RABBET

Japanned Trimmings, Adjustable Mouth.

Each

No. 75—4 in. Long, 1 in. Cutter, Weight Each About ⅝ Lb. . **$0.54**

This Plane will be found very useful for working close up into corners or other difficult places. The mouth can be adjusted to different widths by means of the set screw on top of the Plane.

SCRUB

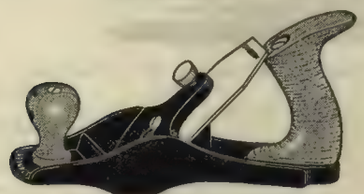
Japanned, Beech Handle and Knob.

Each

No. 40—9½ in. Long, 1⅛ in. Cutter, Weight Each About 2⅛ Lbs. **$1.56**

With this Plane the user can quickly plane down to a rough dimension any board that is too wide to conveniently rip with a hand saw. This is made possible by reason of the peculiar shape of the extra heavy cutter, the cutting edge which is round instead of square.

FURRING



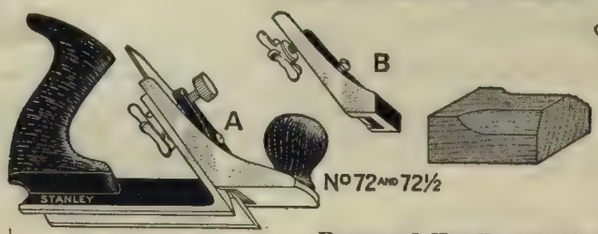
Japanned, Beech Knob and Handle.

Each

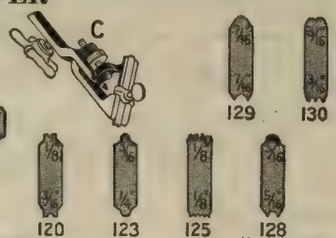
No. 340—10 in. Long, 2 in. Cutter, Weight Each About 2½ Lbs. **$2.00**

A tool for preparing lumber as it comes roughly sawed from the mill. The construction of the bottom is such that it will remove the fur, grit, dirt, etc., getting lumber ready for the Bench Plane much quicker than any other hand tool.

ADJUSTABLE CHAMFER



No. 72 and 72½



Rosewood Handle and Knob. Each

No. 72—9 in. Long, 1⅝ in. Cutter, **with Attachments "A" and "B"**, Weight Each About 3⅜ Lbs. **$3.12**

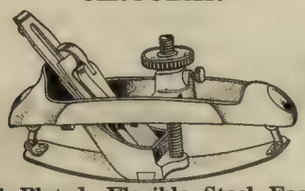
No. 72½—9 in. Long, 1⅝ in. Cutter, **with Attachment "A", "B" and "C" and 6 Moulding Cutters,** Sharpened at Both Ends, Weight Each About 4⅛ Lbs. **4.80**

This Plane will do perfect chamfer or stop-chamfer work. It has a ninety degree V bottom which acts as a mitre guide. To this is attached an adjustable front "A" having a flat bottom which carries the cutter; this front can be set for different sizes of chamfer. Front "A", can be readily detached and a bull-nose front "B" (furnished with the Plane) substituted, permitting the Plane to be worked close up into corners.

All Above, One in a Box.

Adjustable Iron Planes.

CIRCULAR



VICTOR, Nickel Plated, Flexible Steel Face, Steel Forged Mouthpiece.

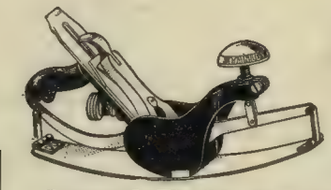
Each

No. 20—10 in. Long, 1¾ in. Cutter, Weight About 4 Lbs. **$5.80**

The Flexible Steel Face is fastened at each end to the Plane Body and adjusted by a screw at the center. This construction gives great accuracy and strength. The fewer number of working parts having less lost motion, give greater solidity which makes the Plane work more smoothly. The design of the frame provides convenient and firm handles for both hands.

One in a Box.

STANLEY'S



Japanned, Flexible Steel Face, Steel Forged Mouthpiece.

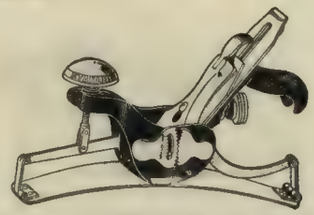
Each

No. 113—10 in. Long, 1¾ in. Cutter, Weight About 3½ Lbs. **$4.22**

The Flexible Steel Face is fastened at its center to the Plane Body and adjusted at the ends by means of a screw and levers. A valuable feature is the graduated scale on the gears, by means of which the face can be accurately set to work an arc of the same circle both concave and convex.

One in a Box.

CIRCULAR



BELT MAKERS'

Japanned, Adjustable Throat, Hardwood Handle.

Each

No. 11—5¾ in. Long, 2⅝ in. Cutter, Weight Each About 3½ Lbs. **$3.12**

Designed for chamfering down the ends or laps of belt before fastening them together.

One in a Box.

FLOOR

Japanned, 45 in. Hardwood Handle with Double Grips.

Each

No. 74—10½ in. Long, 2⅝ in. Cutter, Weight Each About 21½ Lbs. **$7.00**

Designed for planing floors, bowling alleys, skating rinks, decks of vessels, etc. The long handle permits the plane to be worked from a standing position.

One in a Box.

FLOOR

Japanned, Adjustable Throat, Hardwood Handle.

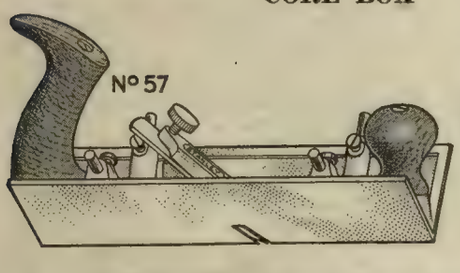
Each

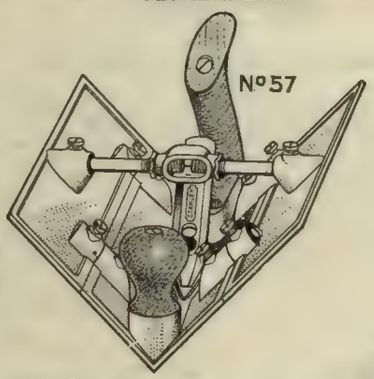
No. 11½—7 in. Long, 2⅝ in. Cutters, Weight Each About 3¾ Lbs. **$4.45**

Used for planing floors, bowling alleys, skating rinks, etc. Designed for working from kneeling position, the double handle making it an easy tool to work under such conditions.

One in a Box.

CORE BOX





Nickel Plated, Beech Handle and Knob.

Each

No. 57—10 in. Long, ⅞ in. Cutter, for Working Semi-Circles Up to 5 in., with One Pair Additional Sections, Weight Each About 6¾ Lbs. **$6.00**

One in a Box.

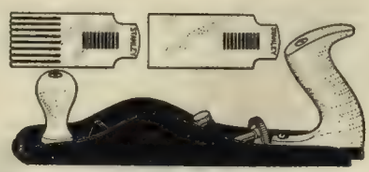
Per Pair

Extra Sections—Each Extra Pair Adding 2½ in. to the Diameter of the Semi-Circle that can be Worked Up to 10 in. in Diameter, the Practical Limit of the Plane **$1.45**

This Plane is designed for making circular core boxes. The principle by which this result is obtained, is that only a right angle may be inscribed in a half circle. The sides of the Plane are at right angles, consequently the point of the Plane will always cut on the circumference of the circle when the sides rest on the edges of the cut.

No. 57 is adapted for large core boxes, and is furnished with one pair of extra sides, or as they are called, Additional Sections (see cut). Without sections, it will work semi-circles from 1 in. up to 2½ in. in diameter. With one pair of sections it will work semi-circles up to 5 in. in diameter.

BUTCHERS' BLOCK



Japanned, Hardwood Handle and Knob, Two Cutters.

Each

No. 64—12½ in. Long, 2 in. Cutters, Weight Each 4 Lbs. **$3.35**

This Plane is designed for truing up or resurfacing butchers' blocks. With its use blocks having the most uneven surface can be leveled up with more speed and greater satisfaction than can be obtained with the use of any other tool.

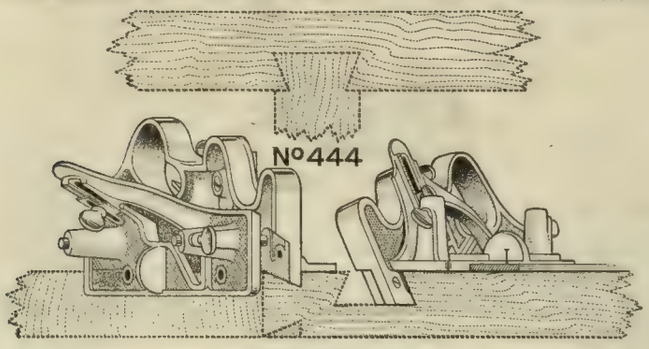
The work is accomplished with a specially formed cutter or plane iron set at an exceptionally low angle. In addition to this cutter a regular plane iron is furnished which enables the user to finish smooth the final surface of the block, also for planing smooth and keeping in condition the meat benches and tables ordinarilly found in a butcher's establishment.

One in a Box.

Adjustable Iron Planes.

STANLEY'S

COMBINATION DOVETAIL TONGUE AND GROOVE



Nickel Plated.

Each

No. 444—9 in. Long, Weight Each 6 Lbs. **$9.80**

This novel tool accomplishes a result sought for many years by wood workers in general, namely, to form a dove-tail tongue and groove with one hand tool.

It will cut any size grooves and tongues to fit with sides at flare of 20 degrees, where the width of the neck is more than ¼ in. and the depth of groove not more than ¾ of an inch. The tongue and groove are cut separately, and can be made with parallel or tapering sides. * A circular containing instructions for assembling and operating is packed with each tool, or will be sent upon request. This circular also gives valuable suggestions as to the use of dovetail joints.

The compactness of the tool is shown in the illustration, where the cut on the left shows the Plane assembled for cutting the tongue, and that on the right the Plane assembled for cutting the groove. **For parts see page 171.**

One in a Box.

IMPROVED DADO

No. 39—8 in. Long, Iron Stock, Japanned.

Cutter, Inches	¼	⅜	½	⅝
Weight Each, Lbs.	1¾	1¾	1¾	2
Each	$2.25	2.25	2.25	2.25
Cutter, Inches		¾	⅞	1
Weight Each, Lbs.		2	2¼	2¼
Each		$2.25	2.25	2.25

The great advantage of these Dado Planes over those made of wood is that they will keep true under all conditions even in the narrowest widths. They have skew cutters, an adjustable depth gauge, and two adjustable spurs, one on each side of the plane. This adjustable feature permits of the spurs being adjusted to take up wear, as well as for the depth of the cut.

One in a Box.

DADO

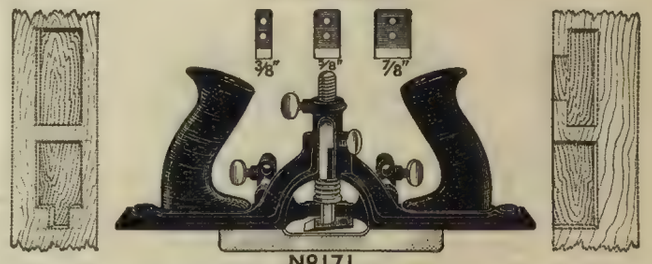
Iron Stock, Japanned. Each

No. 239—7½ in. Long, ⅛ in. Cutter, Weight Each 1 Lb. **$3.10**

This Plane has an extra narrow cutter, only ⅛ in. wide, making it an ideal tool for blind wire grooving, as well as many other purposes. *It is fitted with a double spur which prevents splintering when working across the grain and insures a smooth clear cut. A depth gauge is also attached allowing a groove to be cut of any desired depth up to the limit of the plane, ½ in.

One in a Box.

DOOR TRIM



Japanned, Rosewood Handles. Each

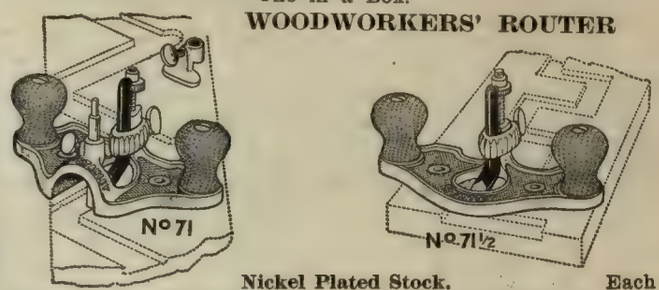
No. 171—11 in. Long, Three Forged Steel Cutters, ⅜, ⅝ and ⅞ in., Weight Each 3 Lbs. **$4.22**

This new Plane will make mortises for butts, face plates, escutcheons, etc., up to a depth of $\frac{5}{16}$ and a width of 3 inches. Its original feature is the method of mounting the cutter, which can be instantly set to work from either end of the Plane or across it. In addition, the cutter is cushioned by a spring which prevents taking a heavier chip than can be easily carried. A fence regulates the position of the cut and insures the sides of the cut being parallel. The depth of the cut is governed by a positive stop.

By removing the fence and locking the cutter post with the thumb screw instead of using the spring a very superior Router Plane is obtained. The bottom is designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings.

One in a Box.

WOODWORKERS' ROUTER



Nickel Plated Stock. Each

No. 71 —**Open Throat**, 7½ in. Long, Two Cutters, ¼ and ½ in., Weight Each 2⅝ Lbs. **$2.90**

No. 71½—Closed Throat, 7½ in. Long, Two Cutters, ¼ and ½ in., Weight Each 2⅛ Lbs. **2.45**

These Planes are for surfacing the bottom or other depressions parallel with the general surface of the work. They are made in two styles, differing in the form of throat. The closed throat is the ordinary form of router plane; the open throat, an improved design, giving more freedom for chips and a better view of the work and cutter. The latter has an attachment for regulating the thickness of the chip, and a second attachment for closing the throat for use on narrow surfaces. The bottoms of both styles are designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings. Cutters have screw adjustment, and can be held as shown in illustrations, or on the back of the cutter post, for bull-nose work.

One in a Box.

IMPROVED RABBET, WITH SPUR

Iron Stock, Japanned, Fitted with Spur and Detachable Depth Gauge. Each

No. 190—8 in. Long, 1½ in. Cutter, Weight Each 2½ Lbs. **$1.78**

No. 191—8 in. Long, 1¼ in. Cutter, Weight Each 2¼ Lbs. **1.78**

These Planes will lie perfectly flat on either side and can be used equally as well with right or left hand while planing into corners or up against perpendicular surfaces.

Fitted with a spur which permits them to be used for working across the grain. One in a Box.

Adjustable Iron Planes.

STANLEY'S

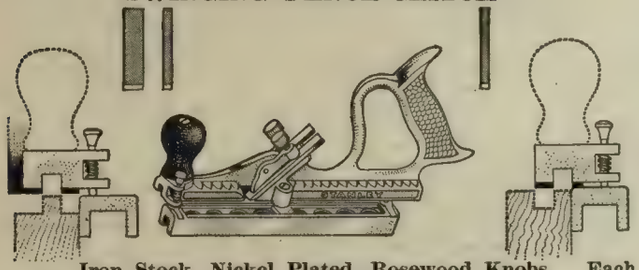
SKEW CUTTER, FILLETSTER AND RABBET

Iron Stock, Japanned. Each

No. 289—8½ in. Long, 1¾ in. Cutter, Weight Each 3¾ Lbs. **$2.90**

This Plane has an extra wide skew cutter. An adjustable spur is fitted to each side. The fence and depth gauge can be attached to either side; the plane is therefore suitable for right or left hand work. The adjustable fence slides under the bottom, regulating the width of the cut. Remove arms and fence, and a Skew Cutter Rabbet Plane is obtained.

SWINGING FENCE MATCH

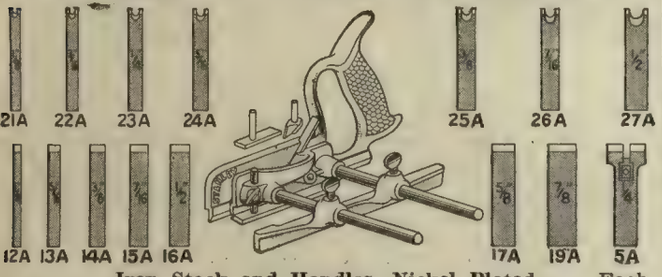


Iron Stock, Nickel Plated, Rosewood Knobs. Each

No. 48—Cuts $\frac{5}{16}$ in. Groove on Boards ¾ in. to 1¼ in., Centers on ⅞ in., Weight Each 3¾ Lbs. **$3.78**

This form has two plow cutters of the same width, and one extra wide cutter. The fence in one setting exposes two cutters for cutting the tongue, and, when reversed, leaves only one exposed for cutting the groove. On thicker boards than the plane works on center, the extra wide cutter is substituted for groove cutter when cutting tongue.

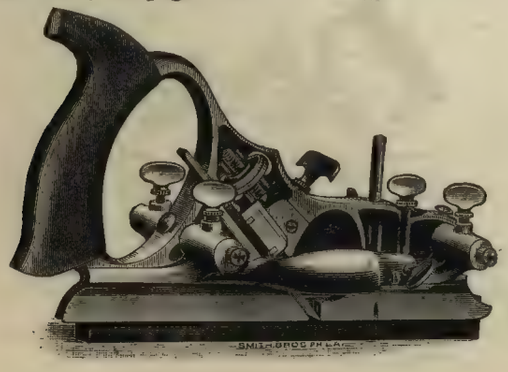
COMBINED PLOW, BEADING AND MATCH



Iron Stock and Handles, Nickel Plated. Each

No. 50—9¼ in. Long, 15 Cutters, Comprising 7 Plow and Dado Bits, ¼, $\frac{5}{16}$, ⅜, $\frac{7}{16}$, ½, ⅝ and ⅞ in., 7 Beading Tools, ⅛, $\frac{3}{16}$, ¼, $\frac{5}{16}$, ⅜, $\frac{7}{16}$ and ½ in. and ¼ in. Tonguing Tool, Weight Each 3½ Lbs. **$6.66**

This is a very handy tool for light work. It consists of a main stock, carrying a spur, a heading gauge and a depth gauge, and forming a support for one side of the cutter; a sliding section, carrying a spur and forming a support for the other side of the cutter, and a fence with a 5 in. adjustment. **For Parts, see page 171.**



DUPLEX, FILLETSTER AND RABBET

Iron Stock, Japanned.

No. 78—8½ in. Long, 1½ in. Cutter, Weight Each 3 Lbs. **$2.35**

This Plane has two seats for the cutter, one for regular work and the other where a bull-nose is required. It has a spur and a removable depth gauge. The adjustable fence can be used on either side and slides under the bottom, regulating the width of the cut. To work same as a rabbet plane, remove fence and arms.

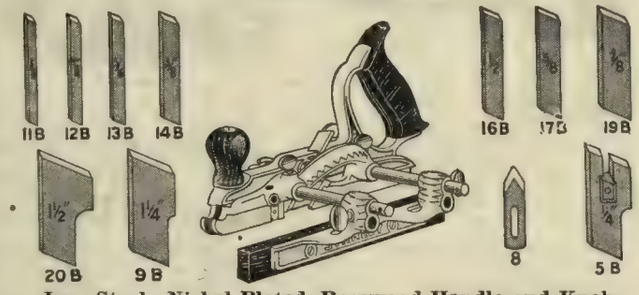
DOUBLE END MATCH

Iron Stock and Handle, Nickel Plated. Each

No. 148—Cuts ¼ in. Groove on Boards ¾ to 1 in., Centers on ⅞ in., Weight Each 2⅜ Lbs. **$3.12**

These Planes have two separate cutters, a plow and a tongue tool, both governed by one permanent fence. The tongue tool has one edge wider than the other, which overhangs one side when tonguing on center. Both tongue and groove are cut by working the tool in the same direction, by merely reversing it end for end.

COMBINED PLOW, DADO, FILLETSTER AND MATCHING



Iron Stock, Nickel Plated, Rosewood Handle and Knob. Each

No. 46—10½ in. Long, 11 Cutters, Comprising 8 Plow and Dado Bits, $\frac{3}{16}$, ¼, $\frac{5}{16}$, ⅜, ½, ⅝, ⅞ and 1¼ in., One 1½ in. Filletster Cutter, One ¼ in. Tonguing Tool and One Slitting Cutter, Weight Each 5¾ Lbs. **$7.80**

Skew cutters are the feature of this Plane. It consists of a main stock carrying a spur, a depth gauge and a slitting cutter, a sliding section carrying a spur and forming an extra sole for the Plane, and a fence (rosewood face) which can be set for either plow or filletster work. **For Parts, see page 171.**

SIEGLEY'S IMPROVED ADJUSTABLE COMBINATION

Iron Stock, Nickel Plated.

Each

No. 2S—10½ in. Long, 18 Cutters, Comprising 9 Plow and Dado Bits, $\frac{3}{16}$, ¼, $\frac{5}{16}$, ⅜, $\frac{7}{16}$, ½, ⅝, ¾ and ⅞ in., 7 Beading Tools, ⅛, $\frac{3}{16}$, ¼, $\frac{5}{16}$, ⅜, $\frac{7}{16}$ and ½ in., One ⅞ in. Match Cutter and a Sash Tool, Weight Each 8 Lbs. **$10.45**

This Plane is a combination of a Carpenters' Plow and Dado with a Side and Center Beading Plane.

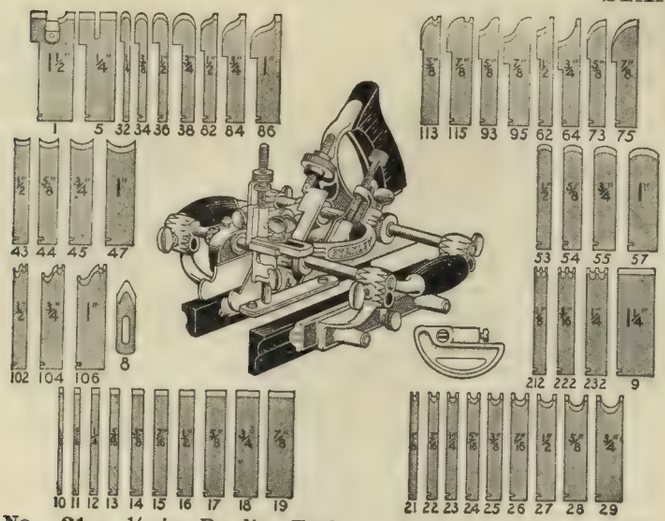
All Above, One in a Box.

Adjustable Iron Planes

STANLEY'S

Write for Prices on Parts.

Nickel Plated Stock, Selected Rosewood Handles and Fences.



		Size	Style	Each
No.	21—	1/8	in. Beading Tool	.15
No.	22—	3/16	in. Beading Tool	.15
No.	23—	1/4	in. Beading Tool	.15
No.	24—	5/16	in. Beading Tool	.20
No.	25—	3/8	in. Beading Tool	.20
No.	26—	7/16	in. Beading Tool	.25
No.	27—	1/2	in. Beading Tool	.25
No.	28—	5/8	in. Beading Tool	.30
No.	29—	3/4	in. Beading Tool	.30
No.	32—	1/4	in. Fluting Tool	.30
No.	34—	3/8	in. Fluting Tool	.30
No.	36—	1/2	in. Fluting Tool	.30
No.	38—	3/4	in. Fluting Tool	.30
No.	43—	1/2	in. Hollow	.20
No.	44—	5/8	in. Hollow	.20
No.	45—	3/4	in. Hollow	.20
No.	47—1		in. Hollow	.20
No.	53—	1/2	in. Round	.20
No.	54—	5/8	in. Round	.20
No.	55—	3/4	in. Round	.20
No.	57—1		in. Round	.20
No.	62—	1/2	in. Quarter Hollow	.45
No.	64—	3/4	in. Quarter Hollow	.50
No.	73—	5/8	in. Quarter Round	.45
No.	75—	7/8	in. Quarter Round	.50
No.	82—	1/2	in. Reverse Ogee	.45
No.	84—	3/4	in. Reverse Ogee	.50
No.	86—1		in. Reverse Ogee	.50
No.	93—	5/8	in. Roman Ogee	.45
No.	95—	7/8	in. Roman Ogee	.50
No.	102—	1/2	in. Grecian Ogee	.45
No.	104—	3/4	in. Grecian Ogee	.50
No.	106—1		in. Grecian Ogee	.50
No.	113—	5/8	in. 1/4 Round with Bead	.45
No.	115—	7/8	in. 1/4 Round with Bead	.50
No.	212—	1/8	in. Reeding Tool, 2 Bead	.20
No.	222—	1/8	in. Reeding Tool, 2 Bead	.20
No.	232—	1/4	in. Reeding Tool, 2 Bead	.20

One in a Steel Box.

Each

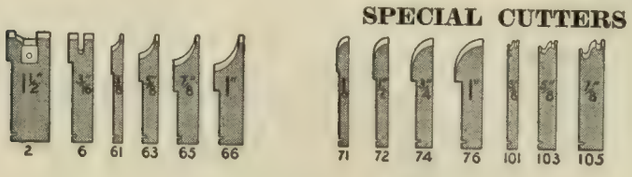
No. 55—With 52 Cutters, Weight Each 15¼ Lbs.... **$24.00**

This Tool, in addition to being a Beading and Center Beading Plane, a Plow, Dado, Rabbet, Filletster, and Match Plane, a Sash Plane and a Slitting Plane, is also a superior Moulding Plane, and will accommodate cutters of almost any shape and size. In fact, it is **"A Planing Mill within Itself."**

The following cutters are furnished with each Plane. The price is given in case duplicates should be required.

		Size	Style	Each
No.	1—	1½	in. Sash Tool	$0.50
No.	5—	1/4	in. Match Tool	.50
No.	8—		Slitting Tool	.30
No.	9—1	1¼	in. Filletster	.25
No.	10—	1/8	in. Plow and Dado Tool	.15
No.	11—	1/16	in. Plow and Dado Tool	.15
No.	12—	1/4	in. Plow and Dado Tool	.15
No.	13—	1/16	in. Plow and Dado Tool	.15
No.	14—	3/8	in. Plow and Dado Tool	.20
No.	15—	7/16	in. Plow and Dado Tool	.20
No.	16—	1/2	in. Plow and Dado Tool	.20
No.	17—	5/8	in. Plow and Dado Tool	.20
No.	18—	3/4	in. Plow and Dado Tool	.20
No.	19—	7/8	in. Plow and Dado Tool	.25

SPECIAL CUTTERS FOR No. 55 PLANE



These Cutters are regularly carried in stock at Factory, and may be ordered by simply specifying the number of Cutter required.

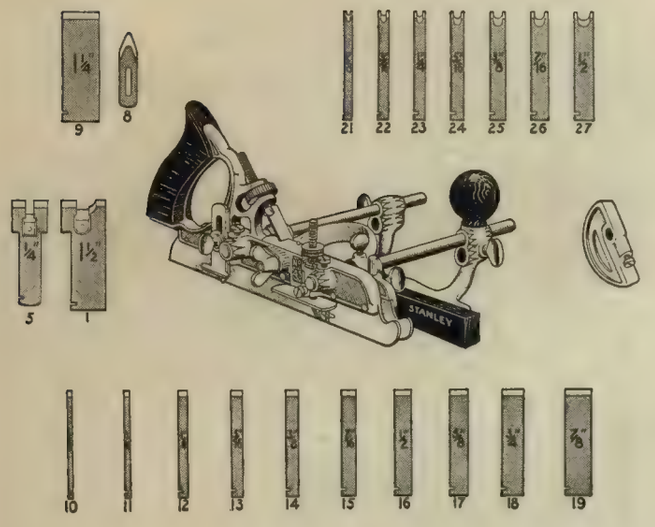
Cutters of practically any form can be used in the Plane, which the owner can make from blanks or order from sketch.

		Size	Style	Each
No.	2—	1½	in. Sash Tool	$0.50
No.	6—	1/8	in. Match Tool	.50
No.	31—	1/8	in. Fluting Tool	.30
No.	33—	1/16	in. Fluting Tool	.30
No.	35—	1/16	in. Fluting Tool	.30
No.	37—	5/8	in. Fluting Tool	.30
No.	42—	3/8	in. Hollow	.20
No.	46—	7/8	in. Hollow	.20
No.	52—	3/8	in. Round	.20
No.	56—	7/8	in. Round	.20
No.	61—	3/8	in. Quarter Hollow	.45
No.	63—	5/8	in. Quarter Hollow	.45
No.	65—	7/8	in. Quarter Hollow	.50
No.	66—1		in. Quarter Hollow	.50
No.	71—	3/8	in. Quarter Round	.45
No.	72—	1/2	in. Quarter Round	.45
No.	74—	3/4	in. Quarter Round	.50
No.	76—1		in. Quarter Round	.50
No.	81—	3/8	in. Reverse Ogee	.45
No.	83—	5/8	in. Reverse Ogee	.45
No.	85—	7/8	in. Reverse Ogee	.50
No.	91—	3/8	in. Roman Ogee	.45
No.	92—	1/2	in. Roman Ogee	.45
No.	94—	3/4	in. Roman Ogee	.50
No.	96—1		in. Roman Ogee	.50
No.	101—	3/8	in. Grecian Ogee	.45
No.	103—	5/8	in. Grecian Ogee	.45
No.	105—	7/8	in. Grecian Ogee	.50
No.	111—	3/8	in. 1/4 Round with Bead	.45
No.	112—	1/2	in. 1/4 Round with Bead	$0.45
No.	114—	3/4	in. 1/4 Round with Bead	.50
No.	116—1		in. 1/4 Round with Bead	.50
No.	213—	1/8	in. Reeding Tool, 3 Beads	.30
No.	214—	1/8	in. Reeding Tool, 4 Beads	.40
No.	215—	1/8	in. Reeding Tool, 5 Beads	.50
No.	223—	1/16	in. Reeding Tool, 3 Beads	.30
No.	224—	1/16	in. Reeding Tool, 4 Beads	.40
No.	225—	1/16	in. Reeding Tool, 5 Beads	.50
No.	233—	1/4	in. Beeding Tool, 3 Beads	.30
No.	234—	1/4	in. Reeding Tool, 4 Beads	.40
No.	235—	1/4	in. Reeding Tool, 5 Beads	.50

NOTE—Repairs for No. 55 Plane, See Page 171.

Adjustable Iron Planes

STANLEY'S **Write for Prices on Parts.**



Nickel Plated Stock, Selected Rosewood Handle, Knob and Fence.

	Each
No. 45—With 21 Cutters, Weight Each 9½ Lbs.....	**$12.00**

Seven tools in one in compact and practical form. 1, Beading and Center Beading Plane. 2, Plow. 3, Dado. 4, Rabbet and Filletster. 5, Match Plane. 6, Sash Plane. 7, Slitting Plane.

The Plane has two principal parts, a Main Stock and a Sliding Section. The main stock carries the handle, cutter adjustment, a slitting tool, depth gauge, and forms a bearing for one edge of the Cutter. The Sliding Section slides on two arms secured on the stock and has a bearing for the other edge, allowing cutters of different widths to be used. A fence also slides on these arms for use when working as a plow, beader or filletster, to gauge the distance from the cutter to the edge of the board, and to keep the cutter at right angles to same. When used as a filletster, the fence slides under the bottom of the Plane and determines the width of cutter exposed to the work.

The Plane is fitted with spurs for use across the grain, etc., and can be used either right or left hand. The handle, knob and fence are made of selected rosewood.

For beading at a distance from the edge of a board, attach cam rest (see cut at right of Plane) to the front arm between the sliding section and fence to prevent the fence sagging. in certain work attach same to the rear arm to prevent the Plane from rocking.

The Plane together with its 21 cutters is packed in a substantial box.

The following cutters are furnished with each Plane. The price is given in case duplicates should be required.

	Size	Style	Each
No. 1	1½ in.	Sash Tool	$0.50
No. 5	¼ in.	Match Tool	.50
No. 8		Slitting Tool	.30
No. 9	1¼ in.	Filletster	.25
No. 10	⅛ in.	Plow and Dado Tool	.15
No. 11	3/16 in.	Plow and Dado Tool	.15
No. 12	¼ in.	Plow and Dado Tool	.15
No. 13	5/16 in.	Plow and Dado Tool	.15
No. 14	⅜ in.	Plow and Dado Tool	.20
No. 15	7/16 in.	Plow and Dado Tool	.20
No. 16	½ in.	Plow and Dado Tool	.20
No. 17	⅝ in.	Plow and Dado Tool	.20
No. 18	¾ in.	Plow and Dado Tool	.20
No. 19	⅞ in.	Plow and Dado Tool	.25
No. 21	⅛ in.	Beading Tool	.15
No. 22	3/16 in.	Beading Tool	.15
No. 23	¼ in.	Beading Tool	.15
No. 24	5/16 in.	Beading Tool	.20
No. 25	⅜ in.	Beading Tool	.20
No. 26	7/16 in.	Beading Tool	.25
No. 27	½ in.	Beading Tool	.25

HOLLOWS AND ROUNDS

For Use on No. 45 Plane and Not Included in Price of Plane.

Nos.	6	8	10	12
Cutter, Inches	½	⅝	¾	1
Words Circle, Inches	¾	1	1¼	1½
Per Pair	$2.25	2.25	2.35	2.35

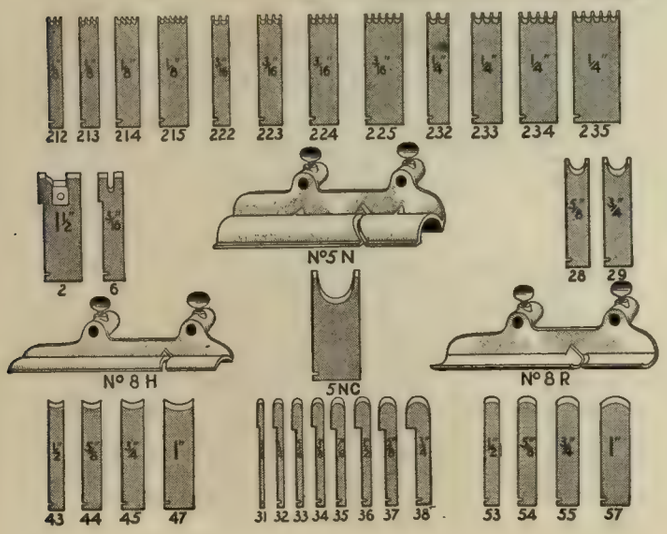
NOSING TOOL, FOR No. 45 PLANE

	Each
No. 5 —1 1/16 in. Cutter, Works 1¼ in. Circle.....	**$1.80**
No. 5NC—1 1/16 in. Extra Cutters for No. 5 Nosing Tool..	**.25**

In order to work Hollows and Rounds, or a Nosing Cutter in the No. 45 Plane, it is necessary to substitute for the sliding section, specially formed bottoms which are called by the same name as the cutters they are designed to carry, that is: Hollows, Rounds or Nosing Tools.

A Hollow and its cutters will form a **Round** on the moulding being worked. A Round and its cutters will form a **Hollow.** A Nosing Tool and its cutters will form what might be called an exaggerated Round. It is very largely used for shaping the edges of stair treads. Hollows and Rounds are made in four sizes and are usually sold in sets, a set comprising one Hollow, one Round and two Cutters. The price of a Nosing Tool includes one Cutter.

SPECIAL CUTTERS FOR No. 45 PLANE



	Size	Style	Each
No. 2	1½ in.	Sash Tool	$0.50
No. 6	3/16 in.	Match Tool	.50
No. 28	⅝ in.	Beading Tool	.30
No. 29	¾ in.	Beading Tool	.30
No. 31	3/16 in.	Fluting Tool	.30
No. 32	¼ in.	Fluting Tool	.30
No. 33	5/16 in.	Fluting Tool	.30
No. 34	⅜ in.	Fluting Tool	.30
No. 35	7/16 in.	Fluting Tool	.30
No. 36	½ in.	Fluting Tool	.30
No. 38	⅝ in.	Fluting Tool	.30
No. 38	¾ in.	Fluting Tool	.30
No. 212	⅛ in.	Reeding Tool, 2 Beads	.20
No. 213	⅛ in.	Reeding Tool, 3 Beads	.30
No. 214	⅛ in.	Reeding Tool, 4 Beads	.40
No. 215	⅛ in.	Reeding Tool, 5 Beads	.50
No. 222	3/16 in.	Reeding Tool, 2 Beads	.20
No. 223	3/16 in.	Reeding Tool, 3 Beads	.30
No. 224	3/16 in.	Reeding Tool, 4 Beads	.40
No. 225	3/16 in.	Reeding Tool, 5 Beads	.50
No. 232	¼ in.	Reeding Tool, 2 Beads	.20
No. 233	¼ in.	Reeding Tool, 3 Beads	.30
No. 234	¼ in.	Reeding Tool, 4 Beads	.40
No. 235	¼ in.	Reeding Tool, 5 Beads	.50

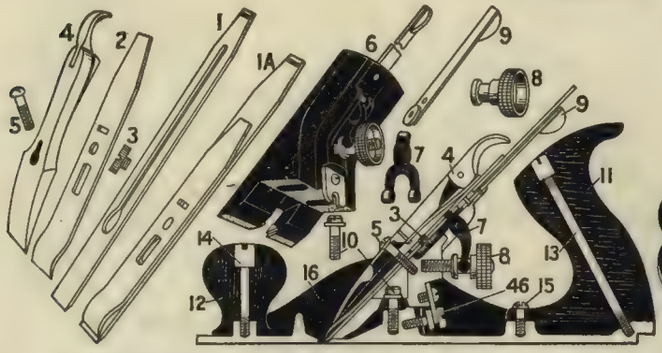
NOTE—For Repairs for No. 45 Planes, See Page 171.

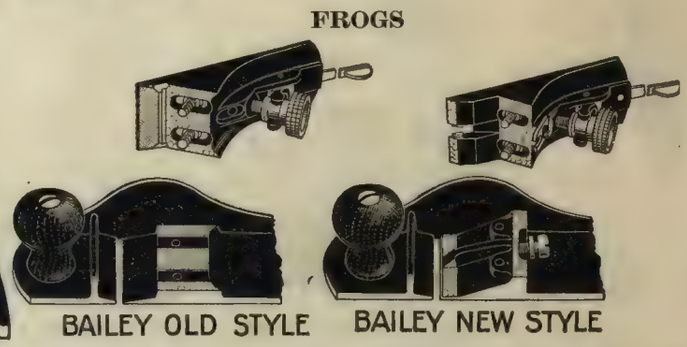
Plane Parts.

Write for Prices on Parts.

In several of the Planes, the Parts designated by the same name differ in form.
In these cases the corresponding Parts are given the same number; and when the Part is not shown directly opposite the number of the Plane, it will be found in another place on the plate.
Always give Plane number and Part number when ordering Cutters or Parts.

FOR BAILEY IRON PLANE



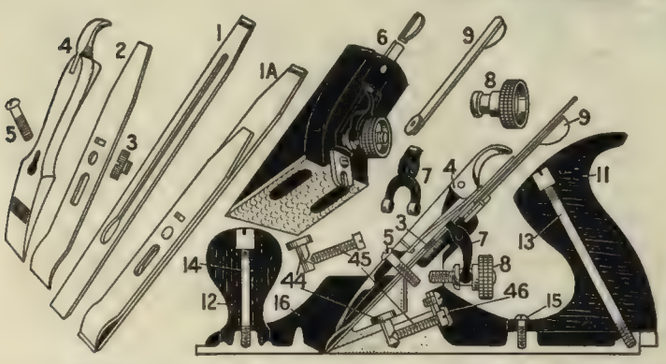


An improvement has been made in the "Bailey" Iron Plane which necessitated a change in the construction of the Bottom and Frog, thereby making it impossible to use the new style frog in an old style bottom, or the old style frog in the new style bottom.
For a time an intermediate style was made having same Frog and Bottom as the latest design, except there was no frog-adjusting screw, consequently no clip on the Frog.
The latest design Frog or Bottom will be furnished for both the intermediate and new style planes. If your plane is of the intermediate pattern, remove the steel clip from the frog and the parts will fit.
In order that we may fill your order for Frog correctly specify which style Plane you want.
The difference in the construction of Frogs and Bottoms is clearly shown in the illustrations above.

"BAILEY" IRON PLANES

Name of Part. No. of Plane	1	2, 2C	3, 3C	4, 4C	4½, 4½C	5, 5C	5½, 5½C	6, 6C	7, 7C	8, 8C
No. 1A—Double Plane Iron	$0.32	.35	.38	.42	.48	.42	.47	.48	.48	.50
No. 1 —Single Plane Iron	.18	.21	.23	.25	.29	.25	.28	.29	.29	.32
No. 2 —Plane Iron Cap	.14	.14	.15	.17	.19	.17	.19	.19	.19	.18
No. 3 —Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 4 —Lever Cap	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25
No. 5 —Lever Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 6 —Frog Complete	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35
No. 7 —"Y" Adjusting Lever	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 8 —Adjusting Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 9 —Lateral Adjusting Lever	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 10 —Frog Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 11 —Plane Handle	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
No. 12 —Plane Knob	.15	.15	.15	.15	.15	.15	.15	.15	.15	.15
No. 13 —Handle Bolt and Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 14 —Knob Bolt and Nut	.10	.10	.10	10	.10	.10	.10	.10	.10	.10
No. 15 —Plane Handle Screw	...	...	...	...	.05	.05	.05	.05	.05	.05
No. 16 —Plane Bottom	.65	.85	1.00	1.00	1.20	1.20	1.20	1.65	2.35	2.85
No. 46 —Frog Adjusting Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05

FOR STANLEY BED ROCK PLANES



An improvement has been made in the "Bed Rock" Plane which necessitated a change in construction of the Bottom and Frog, thereby making it impossible to use the new style frog in an old style bottom or the old style frog in a new style bottom.
In order that we may fill your order for Frog correctly specify which style you want.
The difference in construction of the Frogs and Bottoms is very clearly shown in the illustrations above.

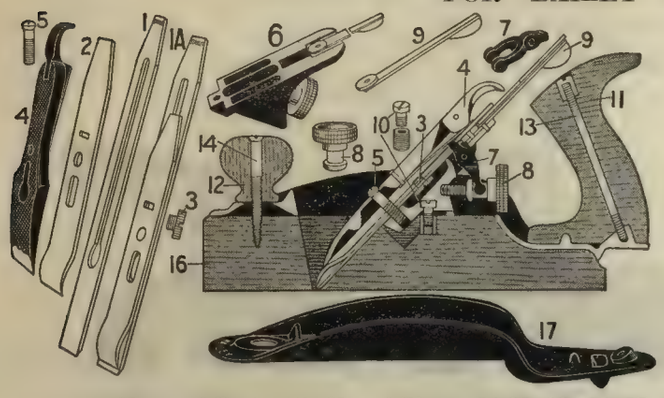
Name of Part. No. of Plane	602, 602C	603, 603C	604, 604C	604½, 604½C	605, 605C	605½, 605½C	606, 606C	607, 607C	608, 608C
No. 1A—Double Plane Iron	$0.35	.38	.42	.48	.42	.47	.48	.48	.50
No. 1 —Single Plane Iron	.21	.23	.25	.29	.25	.28	.29	.29	.32
No. 2 —Plane Iron Cap	.14	.15	.17	.19	.17	.19	.19	.19	.18
No. 3 —Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 4 —Lever Cap	.30	.30	.30	.30	.30	.30	.30	.30	.30
No. 5 —Lever Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05
No 6 —Frog Complete	.50	.50	.50	.50	.50	.50	.50	.50	.50
No. 7 —"Y" Adjusting Lever	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 8 —Adjusting Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 9 —Lateral Adjusting Lever	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 11 —Plane Handle	.20	.20	.20	.20	.20	.20	.20	.20	.20
No. 12 —Plane Knob	.15	.15	.15	.15	.15	.15	.15	.15	.15
No. 13 —Handle Bolt and Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 14 —Knob Handle and Bolt	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 15 —Plane Handle Screw	...	...	...	.05	.05	.05	.05	.05	.05
No. 16 —Plane Bottom	1.10	1.25	1.25	1.50	1.50	1.60	2.20	3.10	3.50
No. 44 —Frog Pin	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 45 —Frog Clamping Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 46 —Frog Adjusting Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05

Always Give Plane Number and Part Number in Ordering Parts

Plane Parts.

Write for Prices.

FOR "BAILEY" WOOD PLANES



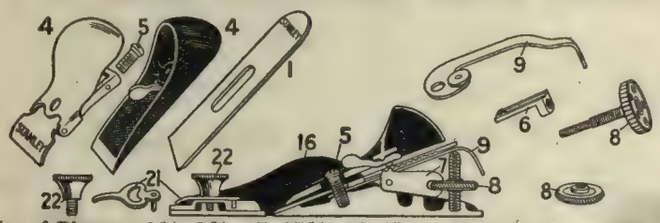
In several of the Planes, the Parts designated by the same name differ in form.

In these cases the corresponding Parts are given the same number; and when the Part is not shown directly opposite number of the Plane, it will be found in another place on the plate.

Always give Plane number and Part number when ordering Cutters or Parts.

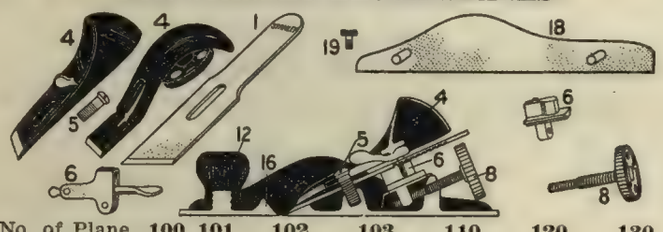
Name of Part — No. of Plane,	21,22, 23	24, 25, 35	26	27	27½	28, 29	30, 31	32, 33, 34	36	37
No. 1A—Double Plane Iron	$0.38	.42	.42	.45	.47	.48	.48	.50	.48	.50
No. 1 —Single Plane Iron	.23	.25	.25	.27	.28	.29	.29	.32	.29	.32
No. 2 —Plane Iron Cap	.15	.17	.17	.18	.19	.19	.19	.18	.19	.18
No. 3 —Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 4 —Lever Cap	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
No. 5 —Lever Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 6 —Frog Complete	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30
No. 7 —"Y" Adjusting Lever	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 8 —Adjusting Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 9 —Lateral Adj. Lever	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 10 —Frog Screw and Bushing	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 11 —Plane Handle	....	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 12 —Plane Knob	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 13 —Handle Bolt and Nut	....	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 14 —Knob Bolt and Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 16 —Plane Bottom	.40	.40	.50	.50	.50	.70	.80	.85	.50	.70
No. 17 —Top Casting	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20

FOR BAILEY AND STANLEY BLOCK PLANES



Name of Part — No. of Plane,	9½, 9¾	15, 15½	16, 17	18	19	60	60½	61	65	65½
No. 1—Single Plane Iron	$0.17	.17	.17	.17	.17	.17	.17	.17	.17	.17
No. 4—Lever Cap	.10	.10	.15	.20	.20	.15	.10	.15	.15	.10
No. 5—Lever Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
No. 6—Frog Complete	...	...	...	...	...	.10	.10	.10	.10	.10
No. 7—Adjusting Lever	.05	.05	.05	.05	.05	...	...	...	...	...
No. 8—Adjusting Nut	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 9—Lateral Adj. Lever	.10	.10	.10	.10	.10	...	...	...	...	...
No. 11—Plane Handle	.25	.25	...	...	...	...	...	...	...	...
No. 16—Plane Bottom	.70	.75	.75	.70	.75	.60	.60	.40	.75	.75
No. 21—Eccentric Plate	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
No. 22—Finger Rest Knob	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10

FOR STANLEY BLOCK PLANES

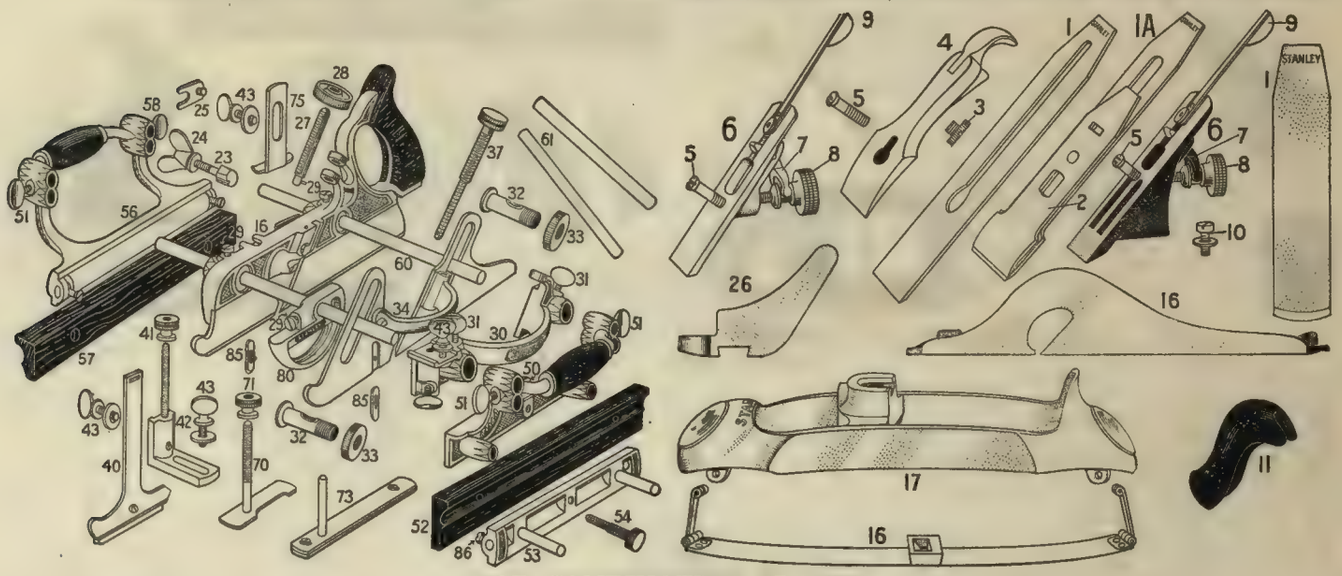


Name of Part — No. of Plane,	100, 101	102	103	110	120	130	131	140	203	220
No. 1—Single Plane Iron	$0.05	.10	.10	.13	.17	.13	.17	.20	.20	.17
No. 4—Lever Cap	.05	.10	.10	.10	.10	.10	.10	.15	.10	.10
No. 5—Lever Cap Screw	...	...	...	...	...	...	.05	.05	.05	.05
No. 6—Frog Complete	...	...	...	...	.15	...	.15	.10	.10	.10
No. 8—Adjusting Nut	...	...	...	...	...	...	.10	.10	.10	.10
No. 12—Plane Knob	...	...	...	.10	.10	.10	.15	.15	.10	.10
No. 16—Plane Bottom	.10	.15	.20	.25	.30	.35	.70	.75	.25	.30
No. 18—Detachable Side	...	...	...	...	...	...	...	.25	...	...
No. 19—Side Screw ..... Per Pair,	...	...	...	...	...	...	...	.10	...	...

Plane Parts.

See Note on Top of Page 170.

FOR COMBINATION PLANES **FOR CARRIAGE, CIRCULAR AND SCRUB PLANES**



FOR COMBINATION PLANES

Name of Part — Plane Nos.,	45	46	50	55	444
No. 1—Cutters ..... Per Set,	$3.50	2.00	1.75	6.00	1.25
No. 16—Main Stock or Bottom	2.50	2.50	1.25	3.00	2.50
No. 23—Cutter Bolt	.15	.15	.15	.15	....
No. 24—Cutter Bolt Wing Nut	.15	.15	.15	.15	....
No. 25—Cutter Bolt Clip and Screws	.05	.05	....	.05	....
No. 27—Cutter Bolt Adjusting Screws	.10	....	....	.10	....
No. 28—Cutter Bolt Adjusting Wheel	.10	....	....	.10	....
No. 30—Sliding Section	1.50	1.50	.30	.75	....
No. 32—Thimble	....	....	....	.15	....
No. 33—Thimble Check Nut	....	....	....	.15	....
No. 34—Adjustable Bottom	....	....	....	1.25	....
No. 37—Adjustable Bottom Screw	....	....	....	.20	....
No. 40—Auxiliary Center Bottom	....	....	....	.30	....
No. 42—Angle Iron and Adjusting Screws	....	....	....	.30	....
No. 50—Left Fence	.75	.75	.75	1.35	1.00
No. 52—Tilting Guard Plate (Wood)	....	....	....	.20	....
No. 53—Tilting Iron with Swivel	....	....	....	.40	....
No. 54—Left Fence Adjusting Screw	....	....	....	.20	....
No. 56—Right Fence	....	....	....	1.00	1.25
No. 57—Right Fence Tilting Plate	....	....	....	.20	....
No. 60—Long Arms ..... Per Pair,	.50	.50	.50	.50	....
No. 61—Short Arms ..... Per Pair,	.25	.25	....	.25	.25
No. 70—Adjustable Depth Gauge	.20	.20	.20	.20	....
No. 73—Adjustable Beading Stop	.20	....	....	.30	....
No. 75—Slitting Cutter Stop	.10	.10	.10	.10	....
No. 80—Cam Stop	.40	....	....	.40	....
No. 85—Spurs with Screws	.05	.05	.05	.05	.05
					Each
Screws Nos. 29, 31, 41, 43, 51, 58, 71, 76, 81, 86 and 87					$0.10

FOR CARRIAGE, CIRCULAR AND SCRUB PLANES

Name of Part — No. of Plane,	10	10¼	10½	11, 11½	113	20	40	40½	51	74
No. 1A—Double Plane Iron	$0.45	.45	.45	.48	.38	.38	....	....	.48	.50
No. 1 —Single Plane Iron	.27	.27	.27	.29	.23	.23	.20	.25	.29	.32
No. 2 —Plane Iron Cap	.18	.18	.18	.19	.15	.15	....	....	.19	.18
No. 3 —Cap Screw	.05	.05	.05	.05	.05	.05	....	....	.05	.05
No. 4 —Lever Cap	.25	.25	.25	.25	.25	.25	.10	.10	.25	.30
No. 5 —Lever Cap Screw	.05	.05	.05	.05	.05	.05	.05	.05	.05	.10
No. 6 —Frog Complete	.35	.35	.35	.35	.35	.35	....	....	.35	....
No. 7 —"Y" Adjusting Lever	.05	.05	.05	.05	.05	.05	....	....	.05	....
No. 8 —Adjusting Nut	.10	.10	.10	.10	.10	.10	....	....	.10	....
No. 9 —Lateral Adjusting Lever	.10	.10	.10	....	.10	.10	....	....	.10	....
No. 10 —Frog Screw	.05	.05	.05	.05	.05	.05	....	....	.05	....
No. 11 —Plane Handle	.20	.40	.20	.30	.15	....	.10	.10	.20	1.00
No. 12 —Plane Knob	.15	.30	.15	....	....	....	.10	.10	.15	....
No. 13 —Handle Bolt and Nut	.10	.10	.10	....	....	....	.10	.10	.10	....
No. 14 —Knob Bolt and Nut	.10	.10	.10	....	....	....	.10	.10	.10	....
No. 16 —Plane Bottom	1.65	1.50	1.50	1.30	.60	.60	.70	1.00	3.00	2.20
No. 17 —Top Casting	....	....	....	....	1.00	1.50	....	....	....	....
No. 26 —Frog Seat	....	....	....	....	....	.50	....	....	....	....
No. 35 —Bottom Adjusting Screw	....	....	....	....	.50	.25	....	....	....	....
No. 36 —Bottom Adjusting Nut	....	....	....	....	....	.25	....	....	....	....

Always Give Plane Number and Part Number in Ordering Parts.

Plane Parts

Write for Prices on Parts.

See Note on Top of Page 170.

FOR LEVER ADJUSTMENT AND SPECIAL PLANES — FOR SCRAPER OR CHAMFER PLANES

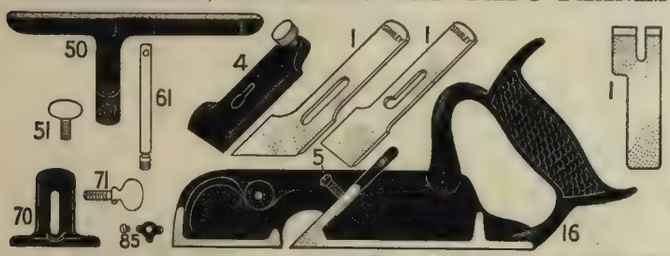
FOR LEVER ADJUSTMENT AND SPECIAL PLANES

Name of Part — No. of Plane,	104	105	122	127	129	132	135	340	62	97
No. 1A —Double Plane Iron	$0.45	.45	.38	.45	.48	.50	.45	....	....	....
No. 1 —Single Plane Iron	.27	.27	.23	.27	.29	.32	.27	.30	.30	.45
No. 2 —Plane Iron Cap	.18	.18	.15	.18	.19	.18	.18	....	....	....
No. 3 —Cap Screw	.05	.05	.05	.05	.05	.05	.05	....	....	....
No. 3½—Adjustable Stud and Nut	.05	.05	.05	.05	.05	.05	.05	....	....	....
No. 4 —Lever Cap	.10	.10	.10	.10	.10	.10	.10	.10	.15	.15
No. 5 —Lever Cap Screw	....	....	....	....	....	....	....	.05	.05	.05
No. 11 —Plane Handle	.20	.20	....	.10	.10	.10	.10	.10	.30	....
No. 12 —Plane Knob	.15	.15	.10	.10	.10	.10	.10	.15	.15	.15
No. 13 —Handle Bolt and Nut	.10	.10	....	.10	.10	.10	.10	.10	.10	....
No. 14 —Knob Bolt and Nut	.10	.10	....	....	....	....	....	.10	.10	.10
No. 15 —Plane Handle Screw	....	....	....	.05	.05	.05	.05	....	....	....
No. 16 —Plane Bottom	.85	1.35	.40	.45	.70	.85	.40	.80	1.75	1.00
No. 17 —Top Casting	....	....	.30	.30	.30	.30	.30	....	....	....
No. 21 —Eccentric Plate	....	....	....	....	....	....	....	....	.10	....
No. 22 —Finger Rest Knob	....	....	....	....	....	....	....	....	.25	....
No. 39 —Lever Adjustment	.20	.20	.20	.20	.20	.20	.20	....	....	....

FOR SCRAPER OR CHAMFER PLANES

Name of Part — No. of Plane,	12, 12½	12¼	112	212	85	87	56	57	72	72½
No. 1—Single Plane Iron	$0.20	.20	.20	.20	.20	.20	.25	.30	.10	.20
No. 4—Lever Cap	.25	.25	.20	.10	.20	.20	.15	.15	.10	.10
No. 5—Lever Cap Screw	...	...	...	...	...	...	.05	.05	.05	.05
No. 6—Frog Complete	.60	.70	.35	.10	.30	.30	...	...	...	...
No. 8—Adjusting Nut	.10	.10	.10	...	...	...	...	...	...	...
No. 10—Frog Screw	...	...	...	...	.05	.05	...	...	...	...
No. 11—Plane Handle	.50	.50	.20	...	.25	.20	.20	.10	.30	.30
No. 12—Plane Knob	...	...	.15	.20	.20	.20	...	.10	.15	.15
No. 13—Handle Bolt and Nut	...	...	.10	...	.10	.10	...	.10	.10	.10
No. 14—Knob Bolt and Nut	...	...	.10	.10	.10	.10	...	.10	.10	.10
No. 15—Plane Handle Screw	.05	.05	...	...	...	...	...	...	...	...
No. 16—Plane Bottom	1.20	.80	1.20	.60	1.00	.80	1.00	2.50	1.50	1.50
No. 38—Extra Wood Bottom	.50	...	...	...	...	...	...	...	...	...

FOR RABBET, MATCHING AND DADO PLANES



FOR RABBET AND ROUTER PLANES

FOR RABBET, MATCHING AND DADO PLANES

Name of Part — No. of Plane,	39	48	49	78	289	*146	*147 to *148	*171	180 to 182	190 to 192
No. 1—Single Plane Iron (*Set)	$0.20	.20	.20	.20	.30	.65	.65	.40	.20	.20
No. 4—Lever Cap	.10	.10	.10	.10	.10	.15	.15	....	.10	.10
No. 16—Plane Bottom	1.20	1.20	2.00	1.00	1.20	1.50	1.50	.90	.75	.90
No. 50—Fence	....	.50	.50	.25	.20	....	....	.30	....	....
No. 51—Fence Thumb Screw	....	....	....	.05	.05	....	....	.05	....	....
No. 61—Short Arm	....	....	....	.10	.10	....	....	.20	....	....
No. 70—Adjustable Depth Gauge	.20	....	....	.20	.20	....	....	....	.20	.20
No. 71—Depth Gauge Thumb Screw	.10	....	....	.10	.10	....	....	....	.10	.15
No. 85—Spurs with Screws	.10	....	....	.05	.05	....	....	....	....	....

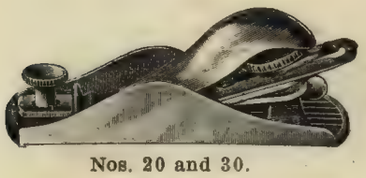
FOR RABBET AND ROUTER PLANES

Name of Part — No. of Plane,	90, 92	93	94	196	98	99	71	71½	75	95
No. 1—Single Plane Iron	$0.30	.30	.30	.25	.20	.20	.30	.30	.10	.20
No. 4—Lever Cap	.15	.15	.15	.10	.10	.10	...	...	.10	.10
No. 12—Plane Knob	...	...	...	...	.15	.15	.15	.15	...	...
No. 14—Knob, Bolt and Nut	...	...	...	...	...	...	.10	.10	...	...
No. 16—Plane Bottom	1.75	2.10	2.50	1.20	.60	.60	1.00	1.00	.30	.80
No. 27—Cutter Bolt Adj. Screw	.20	.20	.20	...	...	...	...	...	...	...
No. 47—Extra Attachment	...	...	...	...	...	...	.25	...	...	...
No. 48—Collar	...	...	...	...	...	...	.25	.25	...	...

Always Give Plane Number and Part Number in Ordering Parts.

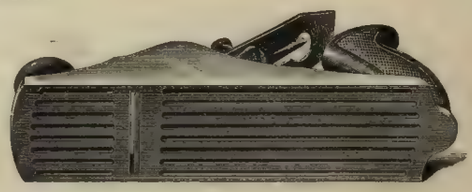
Adjustable Iron Planes.

CHAPLIN'S



Nos. 20 and 30.

No. 1205.



No. 1255.

Smooth Bottom.

BLOCK, Cast Iron Frame, Adjustable Throat, Steel Cutter.

	Each
No. 20—Japanned, 6½ in. Long, 1⅝ in. Cutter, Weight Each 2 Lbs.	**$1.26**
No. 30—Nickel Plated, 6½ in. Long, 1⅝ in. Cutter, Weight Each 2 Lbs.	**1.50**

One in a Box.

Corrugated Bottom.

Smooth.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1205—9 in. Long, 2 in. Cutter, Weight Each 4 Lbs.	**$3.15**

Smooth.

Cast Iron Frame, Nickel Plated, ADJUSTABLE THROAT, Checkered Rubber Handle.

	Each
No. 1255—9 in. Long, 2 in. Cutter, Weight Each 4 Lbs.	**$3.40**

One in a Box.

Jack.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1207—15 in. Long, 2⅛ in. Cutter, Weight Each 7 Lbs.	**$3.85**

Fore.

Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1208—18 in. Long, 2¼ in. Cutter, Weight Each 8 Lbs.	**$4.50**

Jointer.

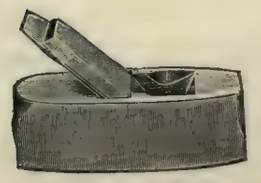
Cast Iron Frame, Nickel Plated, Checkered Rubber Handle.

	Each
No. 1210—22 in. Long, 2½ in. Cutter, Weight Each 8½ Lbs.	**$5.20**

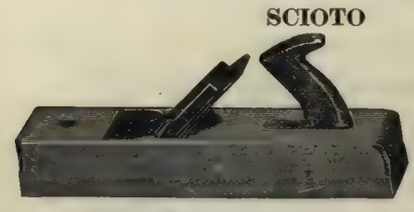
One in a Box.

Wood Bench Planes.

SCIOTO



No. 3—Smooth.



No. 15—Jack.

No. 27—Jointer.

Beechwood, Selected Quality Steel, Double Cutter, Polished Start.

Smooth.

	Each
No. 3S—8 in. Long, 2 to 2¼ in. Double Iron, Weight Each 2½ Lbs.	**$1.35**

Jack.

	Each
No. 15S—16 in. Long, 2⅜ to 2⅝ in. Double Iron, Weight Each 4¾ Lbs.	**$1.50**

Open Stock.

Fore.

	Each
No. 21S—22 in. Long, 2⅜ to 2⅝ in. Double Iron, Weight Each 7 Lbs.	**$2.55**

Jointer.

	Each
No. 2726S—26 in. Long, 2½ to 2¾ in. Cutter, Weight Each About 8½ Lbs.	**$2.70**
No. 2728S—28 in. Long, 2½ to 2¾ in. Cutter, Weight Each About 8¾ Lbs.	**2.85**
No. 2730S—30 in. Long, 2½ to 2¾ in. Cutter, Weight Each About 9 Lbs.	**3.25**

Open Stock.

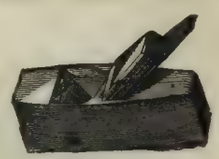
OHIO TOOL CO.'S

Smooth or Scrub.

German Pattern, Selected Beechwood, Selected Quality Steel Single Iron.

	Each
No. 1—8½ in. Long, 1¼ in. Single Cutter, Weight Each 2½ Lbs.	**$1.55**

Open Stock.



Smooth.

Selected Beechwood, Selected Quality Steel Double Iron.

	Each
No. 3—8 in. Long, 2 to 2¼ in. Double Iron, Polished Start, Weight Each 2½ Lbs.	**$1.55**
No. 4—8 in. Long, 2 to 2¼ in. Double Iron, Polished Iron Start, Weight Each 2½ Lbs.	**1.67**

Open Stock.

Handled Smooth.
Selected Beechwood, Selected Quality Steel Iron.

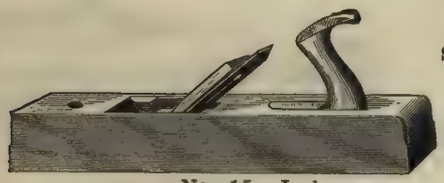
	Each
No. 5—8 in. Long, 2 to 2¼ in. Double Iron, Solid Handle, Weight Each 2 Lbs.	**$2.95**
No. 5½—8 in. Long, 2 to 2¼ in. Double Iron, Jack Handle, Weight Each 2 Lbs.	**2.50**
No. 7—Boys', 5 in. Long, 1¼ in. Single Iron, Weight Each 1½ Lbs.	**1.10**

Open Stock.

Bench Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutter.



No. 15—Jack.

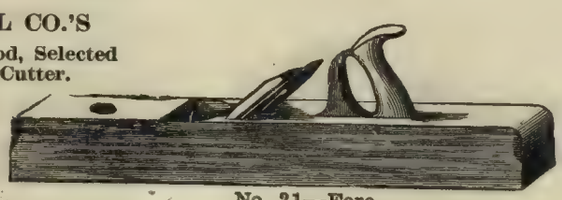
Jack.

	Each
No. 15—16 in. Long, 2 to 2¼ in. Double Iron, Polished Start, Weight Each 4¾ Lbs.	**$1.68**
No. 16—16 in. Long, 2 to 2¼ in. Double Iron, Polished Iron Start, Bolted Handle, Weight Each 5 Lbs.	**2.10**
No. 17—Boys', 12 in. Long, 1½ in. Single Iron, Weight Each 3 Lbs.	**1.26**

Fore.

	Each
No. 21—22 in. Long, 2⅜ to 2⅝ in. Double Iron, Polished Start, Weight Each 7 Lbs.	**$2.85**
No. 22—22 in. Long, 2⅜ to 2⅝ in. Double Iron, Iron Start, Bolted Handle, Weight Each 7½ Lbs.	**3.85**

Open Stock.



No. 21—Fore.

Jointer.

	Each
No. 2726—26 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 8½ Lbs.	**$3.00**
No. 2728—28 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 8¾ Lbs.	**3.20**
No. 2730—30 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 9 Lbs.	**3.60**
No. 2732—32 in. Long, 2½ to 2¾ in. Double Iron, Polished Start, Weight Each 9¼ Lbs.	**4.25**

Open Stock.

Fancy Wood Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutters.

TOOTH

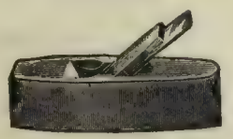
Single Iron.

	Each
No. 302—7 in. Long, 2 in. Cutter	**$1.78**
No. 302½—7 in. Long, 2⅛ in. Cutter	**1.96**
No. 302¼—7 in. Long, 2¼ in. Cutter	**2.14**

Weight Each About 1½ Pounds.

Open Stock.

MITRE



Smooth Shape, Single Iron.

	Each
No. 31—9 in. Long, 1⅞ in. Cutter	**$1.85**

Weight Each 2½ Pounds.

Open Stock.

MITRE

Square Shape, Single Iron.

	Each
No. 31A—9 in. Long, 1¾ in. Cutter	**$1.85**

Weight Each 2½ Pounds.

Open Stock.

DADO

No. 47—With Brass Side Stop, Length Over All 9½ in.

Size, Inches	½	¾	⅞
Weight Each, Lbs.	1¼	1¼	1¼
Each	**$1.96**	**1.96**	**1.96**

Open Stock.

DADO

No. 48—With Brass Screw Stop, Length Over All 9½ in.

Size, Inches	¼	⅜	½
Weight Each, Lbs.	1½	1½	1½
Each	**$2.68**	**2.68**	**2.68**
Size, Inches	⅝	¾	⅞
Weight Each, Lbs.	1½	1¾	1¾
Each	**$2.68**	**2.68**	**2.68**
Size, Inches	1		
Weight Each, Lbs.	1¾		
Each	**2.68**		

Open Stock.

FILLETSTER

With Cutter and Brass Side Stop, Length Over All 9½ in.

	Each
No. 53—1⅛ in. Cutter, Weight Each 3 Lbs.	**$2.50**

With Cutter and Brass Side Stop, Boxed. Length Over All 9½ in.

	Each
No. 54—1⅛ in. Cutter, Weight Each 3 Lbs.	**$3.30**

Open Stock.

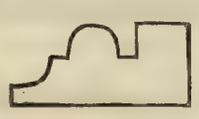
FILLETSTER

With Cutter and Brass Screw Stop, Length Over All 9½ in.

	Each
No. 55—1⅛ in. Cutter, Weight Each 3 Lbs.	**$4.45**

Open Stock.

NOSING MOULDING



Moulding Made with No. 89 Plane.

No. 89—Nosing Moulding, Length Over All 9½ in.

Depth, Inches.	¾	⅞	1	1¼
Wt. Each, Lbs.	1¼	1¼	1¼	1½
Each	**$1.60**	**1.60**	**1.78**	**1.78**

Open Stock.

Fancy Wood Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutter.

NOSING STEP

No. 90—One Iron, Length 9½ in.

Inches	⅞	1	1⅛
Weight Each, Lbs.	1¼	1¼	1¼
Each	$1.44	1.44	1.44
Inches	1¼	1⅜	1½
Weight Each, Lbs.	1½	1½	1¾
Each	$1.44	1.78	1.78

Open Stock.

NOSING STEP

No. 91—Two Irons, Length 9½ in.

Inches	⅞	1	1⅛
Weight Each, Lbs.	1½	1½	1½
Each	$1.96	1.96	1.96
Inches	1¼	1⅜	1½
Weight Each, Lbs.	1¾	1¾	2
Each	$1.96	2.14	2.14

Open Stock.

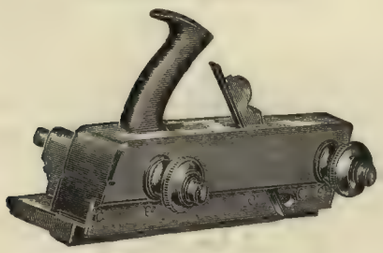
NOSING STEP

No. 92—Two Irons, with Handle, Length 12 in.

Inches	⅞	1	1⅛
Weight Each, Lbs.	2	2	2¼
Each	$2.67	2.67	2.67
Inches	1¼	1⅜	1½
Weight Each, Lbs.	2¼	2½	2½
Each	$2.67	3.12	3.12

Open Stock.

PLANK MATCH



Match, with Screw Arms, Plated.

Per Pair

No. 84—14 in. Long, Weight Per Pair About 8 Lbs. $7.12

Open Stock.

BOARD MATCH

No. 75—Tongueing Part.

No. 75—Grooving Part.

No. 75—Match, Length Over All 9½ in.

Inches	½	¾	⅞	1
Wt. Pair, Lbs.	2¼	2¼	2½	2½
Per Pair	$2.67	2.67	2.67	2.67

Open Stock.

No. 76—Match, Plated, Length Over All 9½ in.

Inches	½	¾	⅞	1
Wt. Pair, Lbs.	2¼	2¼	2½	2½
Per Pair	$3.12	3.12	3.12	3.12

Open Stock.

SKEW RABBET

No. 116—Skew Rabbet, Length Over All 9½ in.

Inches	⅛	⅝	¾	⅞	1
Weight Each, Lbs.	⅞	⅞	1	1	1¼
Each	$1.07	1.07	1.07	1.07	1.07
Inches	1⅛	1¼	1⅜	1¾	2
Weight Each, Lbs.	1¼	1½	1½	2	2
Each	$1.15	1.15	1.25	1.42	1.60

Open Stock.

JACK RABBET

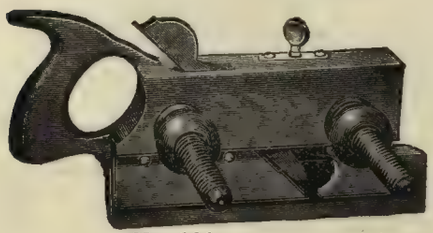
No. 119—Two Side Cutters, Olique Handle, Length Over All 16 in.

Inches	1¼	1½	1¾	2
Weight Each, Lbs.	2¾	2¾	3	3¼
Each	$3.38	3.38	3.38	3.38

No. 119½—Two Side Cutters, Side Handle, Length Over All 16 in.

Inches	1¼	1½	1¾	2
Weight Each, Lbs.	2¾	2¾	3	3¼
Each	$3.38	3.38	3.38	3.38

Open Stock.



No. 101.

PANEL PLOW

With 8 Cutters, One Each ⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½ and ⅝ in. Each

No. 96½—Beech, Screw Stop, with Handle, Weight 3½ Lbs. $11.56

No. 97—Beech, Screw Stop, with Handle, Boxed Fence, Weight Each 4 Lbs. 12.20

No. 101—Beech, Boxwood Arms, with Handle, Boxed Fence, Weight Each 4 Lbs. 14.25

No. 107A—Applewood, Screw Top, with Handle, Boxed Fence, Weight Each 4 Lbs. 13.80

Open Stock.

PLOW PLANE ARMS

Per Pair

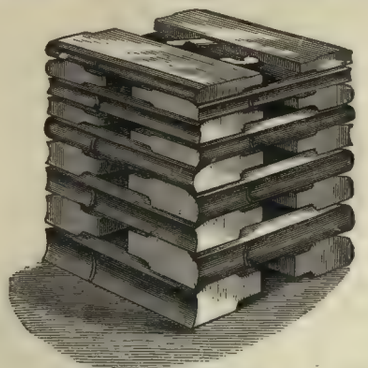
Applewood Plow Plane Arms—Weight Per Pair 1½ Lbs. $3.35

Fancy Wood Planes.

OHIO TOOL CO.'S

Selected Beechwood, Selected Quality Steel Cutter.

HOLLOWS



ROUNDS

Length Over All 9½ in.

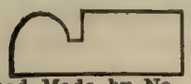
No. 72	1	2	3	4	5	6	7	8	9
Nos.	1	2	3	4	5	6	7	8	9
Inches	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼
Works on Circle, Inches	½	¾	1	1¼	1½	1¾	2	2¼	2½
Weight Each, Lbs	1	1¼	1½	1¾	2	2¼	2½	2¾	2
Each	$0.90	.90	.90	.90	.90	.90	1.02	1.02	1.02

No. 72—Set of 9 Pairs, Assorted 1 to 9, Weight Per Set About 16 Lbs. ..... Per Set $8.42

No. 73	10	11	12
Nos.	10	11	12
Inches	1⅜	1½	1⅝
Works on Circle, Inches	2¾	3	3¼
Weight Each, Lbs	3½	4	5
Each	$1.22	1.22	1.22

In Ordering Hollows and Rounds be Careful to Give Number of Plane, and Whether Hollow or Round is Wanted.

SIDE BEAD



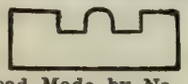
Bead Made by No. 37.

Single Boxed.

	Each
No. 37— ⅛ to ½ in.	$0.90
No. 37— ⅝ to ¾ in.	1.00
No. 37— ⅞ to 1 in.	1.25
No. 37—1⅛ to 1¼ in.	1.60

Weight Each About 1¼ Pounds.

CENTER BEAD



Bead Made by No. 41.

Double Boxed.

	Each
No. 41—⅛ to ½ in.	$1.08

Weight Each About 1¼ Pounds.

REEDING

Bead Made by No. 122.

Two Beads.

	Each
No. 122—¼ to ½ in.	$2.50

Weight Each About 1¼ Pounds.

COVE

Moulding Made by No. 43.

	Each
No. 43—⅛ to ¾ in.	$0.90
No. 43—⅞ to 1 in.	1.16

Weight Each About 1½ Pounds.

CASING MOULDING

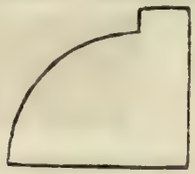
Moulding Made by No. 43⅛.

With Fence.

	Each
No. 43⅛—½ to ¾ in.	$1.42
No. 43⅛—⅞ to 1 in.	1.60

Weight Each About 1½ Pounds.

CASING MOULDING



Moulding Made by No. 43¼.

	Each
No. 43¼— ½ to ¾ in.	$1.42
No. 43¼— ⅞ to 1 in.	1.60
No. 43¼—1¼ in.	1.78

Weight Each About 1½ Pounds.

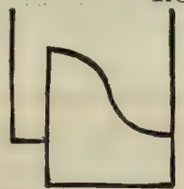
QUARTER ROUND

Moulding Made by No. 43½.

	Each
No. 43½— ½ to ⅝ in.	$0.90
No. 43½— ¾ to 1 in.	1.16
No. 43½—1¼ in.	1.85

Weight Each About 1½ Pounds.

ROMAN REVERSE OGEE



Moulding Made by No. 62¼.

With Fence.

	Each
No. 62¼— ⅝ to ⅝ in.	$1.42
No. 62¼— ¾ to 1 in.	1.60
No. 62¼—1¼ in.	1.87
No. 62¼—1½ in.	2.14

Weight Each About 1½ Pounds.

Open Stock.

Moulding Made by No. 62½.

	Each
No. 62½— ⅜ to ⅝ in.	$1.35
No. 62½— ¾ to 1 in.	1.52
No. 62½—1¼ in.	1.78
No. 62½—1½ in.	2.05

Weight Each About 1½ Pounds.

Plane Irons.

BAILEY IMPROVED

Tool Steel Tempered and Polished.

CUT OR SINGLE

Inches	1¼	1⅝	1¾	2
Ap. Wt. Dozen, Lbs.	1¼	2	2½	3
Per Dozen	$3.28	3.83	4.20	4.56
Inches	2⅛	2¼	2⅜	2⅝
Ap. Wt. Dozen, Lbs.	3¼	3¾	4	5
Per Dozen	$4.92	5.11	5.30	5.84

One-half Dozen in a Box.

DOUBLE

Inches	1¼	1⅝	1¾	2
Ap. Wt. Dozen, Lbs.	3	3½	4½	5½
Per Dozen	$5.84	6.38	6.93	7.66
Inches	2⅛	2¼	2⅜	2⅝
Ap. Wt. Dozen, Lbs.	6	7	7¼	8¼
Per Dozen	$8.21	8.58	8.76	9.12

One-half Dozen in a Box.

CUT OR SINGLE

Inches	1⅝	1¾	2	2⅛
Ap. Wt. Dozen, Lbs.	2	2½	3	3¼
Per Dozen	$4.68	5.24	5.62	6.20
Inches		2¼	2⅜	2⅝
Ap. Wt. Dozen, Lbs.		3¾	4	5
Per Dozen		$6.55	6.92	7.50

One-half Dozen in a Box.

DOUBLE

Inches	1⅝	1¾	2	2⅛
Ap. Wt. Dozen, Lbs.	3½	4½	5½	6
Per Dozen	$8.42	9.36	10.30	11.28
Inches		2¼	2⅜	2⅝
Ap. Wt. Dozen, Lbs.		7	7¼	8¼
Per Dozen		$11.80	12.16	13.10

One-half Dozen in a Box.

FOR BLOCK PLANES

FOR BAILEY'S AND STANLEY'S

	Per Dozen
1⅝ in. for Nos. 9½, 9¾, 15 and 15½	$3.04
1⅝ in. for Nos. 18 and 19	3.04
1 in. for No. 101	.92
1¼ in. for Nos. 102 and 103	1.52
1⅝ in. for Nos. 110 and 130	2.28
1⅝ in. for No. 220	3.04

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

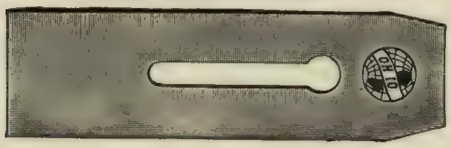
FOR EVERKEEN

	Per Dozen
1⅝ in. for Nos. E9½, E9¾, E15 and E15½	$3.12
1⅝ in. for Nos. E18 and E19	3.12
1 in. for No. E101	.94
1¼ in. for Nos. E102 and E103	1.56
1⅝ in. for Nos. E110 and E130	2.34
1⅝ in. for No. E220	3.12

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

OHIO TOOL CO.'S



CUT OR SINGLE

For Wood Planes.

Inches	1½	1¾	1⅞	2	2⅛	2¼
Ap. Wt. Doz., Lbs.	4¾	5¼	5¾	6¼	7	7¼
Per Dozen	$4.45	4.90	5.25	5.62	5.95	6.57
Inches		2⅜	2½	2⅝	2¾	3
Ap. Wt. Doz., Lbs.		7¾	8¼	8¾	9¼	10
Per Dozen		$7.28	8.00	8.72	9.78	12.44

One-half Dozen in a Box.

BARTON'S

Inches	1½	1¾	1⅞	2	2⅛	2¼
Ap. Wt. Doz., Lbs.	4¾	5¼	5¾	6¼	7	7¼
Per Dozen	$4.74	5.22	5.58	5.96	6.34	7.00
Inches		2⅜	2½	2⅝	2¾	3
Ap. Wt. Doz., Lbs.		7¾	8¼	8¾	9¼	10
Per Dozen		$7.75	8.50	9.26	10.40	13.23

One Dozen in a Box.

OHIO TOOL CO.'S

DOUBLE

For Wood Planes.

Inches	1½	1¾	1⅞	2	2⅛	2¼
Ap. Wt. Doz., Lbs.	6	7	8	9	10	11
Per Dozen	$9.78	10.68	11.12	11.48	11.82	12.44
Inches		2⅜	2½	2⅝	2¾	3
Ap. Wt. Doz., Lbs.		12	13	14	15	17
Per Dozen		$13.16	14.60	16.00	18.00	20.80

One-half Dozen in a Box.

BARTON'S

Inches	1½	1¾	1⅞	2	2⅛	2¼
Ap. Wt. Doz., Lbs.	6	7	8	9	10	11
Per Dozen	$10.40	11.34	11.82	12.20	12.60	13.25
Inches		2⅜	2½	2⅝	2¾	3
Ap. Wt. Doz., Lbs.		12	13	14	15	17
Per Dozen		$14.00	15.50	17.00	19.20	22.10

One Dozen in a Box.

FOR No. 112 STANLEY'S SCRAPER PLANES

	Each
Extra Toothing Cutters, 22, 28 or 32 Teeth	$0.45
Extra Veneer Cutters	.35

Open Stock.

FOR CHAPLIN PLANES

Cut or Single.

Inches	2	2⅛	2¼	2½
Wt. Doz., Lbs.	6	7	7½	8
Per Dozen	$5.04	5.40	5.76	6.48

Open Stock.

FOR CHAPLIN BLOCK PLANES

	Per Dozen
1⅝ in. for Nos. 20 and 30	$4.15

Weight Per Dozen About 2 Pounds.

Open Stock.

FOR OHIO TOOL CO.'S SKEW RABBET PLANES

Inches	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen	$2.04	2.13	2.22	2.31	2.48	2.76	2.95	3.30	3.56

Weight Per Dozen About 2 Pounds. Open Stock.

FOR OHIO TOOL CO.'S PLOW PLANE

	Per Set
In Sets of 8, One Each 3/16, ¼, 5/16, ⅜, 7/16, ½, 9/16 and ⅝ in., Weight Per Set 1½ Lbs.	$2.66
	Each
Seperate Sizes 3/16 to ⅝ in., Weight Each ⅜ Lb.	$0.37

Open Stock.

FOR SCRUB PLANES

Inches	1¼
Ap. Wt. Doz., Lbs.	2
Per Dozen	$4.45

Open Stock.

FOR TOOTH PLANES

Inches	2	2⅛	2¼
Ap. Wt. Doz., Lbs.	2½	2¾	3
Per Dozen	$9.16	9.51	10.10

Open Stock.

Adjustable Scraper Planes.

STANLEY'S

Double Handle Veneer Scraper.
Japanned Iron Face, Rosewood Double Grip Handle. Each
No. 12—9½ in. Long, 3 in. Adjustable Blade, Weight Each About 3¾ Lbs.....**$3.35**
The Handles placed across the center of the Tool give it a good balance. The Blades are adjustable endwise and for angle and can be locked in position desired.
One in a Box.

Double Handle Veneer Scraper.
Detachable Rosewood Faced Bottom, Rosewood Double Grip Handle. Each
No. 12½—9½ in. Long, 3 in. Adjustable Face, Weight Each About 4 Lbs.....**$4.70**
This Plane is same as No. 12 but has extra bottom and face. Especially adapted for use on fine work as it renders less liable the possibility of marring or scratching the surface being worked upon.
One in a Box.

Single Handle Veneer Scraper.
Japanned, Rosewood Handle and Knob. Each
No. 112—9 in. Long, 3 in. Adjustable Blade, Weight Each About 4 Lbs.....**$3.15**
This Plane has the same form as the Regular "Bailey" Plane. The Blades are adjustable endwise and for angle and can be firmly locked in position desired.
One in a Box.

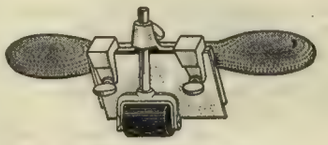
Cabinet Makers' Scrapers.

STANLEY'S

Scraper Plane.
Rabbet Mouth Scraper, Tilting Rosewood Handle and Knob. Each
No. 85—8 in. Long, 2 in. Blade, Weight Each About 2⅝ Lbs.**$3.35**

Scraper Plane.
Regular Mouth Scraper, Stationary Rosewood Handle and Knob. Each
No. 87—8 in. Long, 2 in. Blade, Weight Each About 2½ Lbs.**$2.80**

When in use the blade rests against the front edge of the mouth under a slight pressure. In working, the blade springs backward, opening the mouth and allowing the shaving to pass through it. As soon as working pressure is released the blade springs back to its normal position. Made in two styles, one, a Rabbet Scraper with handle and knob pivoted, to allow tilting for convenience when working into corners or up against perpendicular surfaces, and the other, without a rabbet mouth and with stationary handle and knob.
One in a Box.

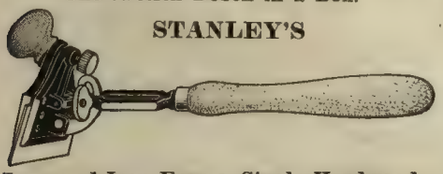


Roller Scraper.
Detachable Beech Handle, with Roller Back of Blade, Nickel Plated Frame. Per Dozen
No. 83—9½ in. Long, 3 in. Blade, Weight Per Dozen About 15 Lbs.....**$16.10**
This Scraper can be adjusted to any desired pitch. The Roller acts as a support to relieve the strain on the wrist and hands of workman. Handles may be detached for working into corners.
One-twelfth Dozen in a Box.

STANLEY'S

One Piece Cast Raised Handles and Body, Japanned. Per Dozen
No. 80—11 in. Long, 2¾ in. Blade, Weight Per Dozen About 21 Lbs.....**$15.00**
The Blade of this Scraper can be sprung to a curve by means of a thumb screw giving ease of operation and quickness of cut.
One-twelfth Dozen in a Box.

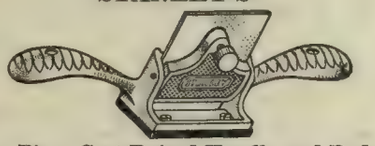
STANLEY'S



Japanned Iron Frame, Single Hardwood Handle and Knob. Per Dozen
No. 82—14½ in. Long, 3 in. Adjustable Steel Blade, Weight Per Dozen 21 Lbs.....**$16.65**
The Handle can be tilted to give the blade any desired angle. Special blades of different forms and widths can be securely held in any position required, permitting the Tool to be worked in many places inacessible by other tools.
One-twelfth Dozen in a Box.

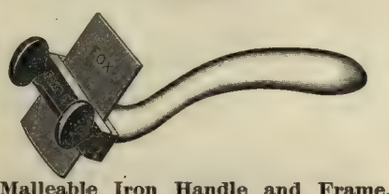
Cabinet Scrapers.

STANLEY'S



One Piece Cast Raised Handle and Body, Nickel Plated, Rosewood Face. Per Dozen
No. 81—10 in. Long, 2½ in. Blade, Weight Per Dozen About 27 Lbs.....**$24.45**
This Scraper has a rosewood face for use in the finest cabinet work.
One-twelfth Dozen in a Box.

FOX

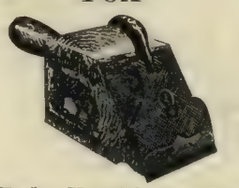


Malleable Iron Handle and Frame, Bronzed, with Thumb Screws, Tempered Steel Blades. Per Dozen
No. 8—7 in. Long, 2x3 in. Steel Blade, Weight Per Dozen About 7 Lbs.....**$6.10**
One Dozen in a Box.

ATKINS' RAMSHORN

Selected Wood Handle, Silver Steel Blade, 19 Gauge. Per Dozen
No. 201—12 in. Long, 3½x3 in. Blade, Weight Per Dozen About 18 Lbs.....**$14.00**
One-twelfth Dozen in a Box.

FOX



Wood Body, Varnished, Adjustable Blade, Malleable Handy Clamp. Per Dozen
No. 100—3¼ in. Blade, Body 6 in. Long, 3½ in. Wide, 3½ in. High, Weight Per Dozen About 33 Lbs.....**$20.00**
The Body slides on the Wood insuring a cut of uniform depth. The Blade is fastened with a Handy Clamp and can be adjusted or reversed in a second's time. Work equally well in a horizontal or perpendicular position.
One-twelfth Dozen in a Box.

Cabinet Scrapers.

BISHOP'S

Beveled Edge Steel Blade, 16 Gauge, Beechwood Curved Handle, Varnished Top and Bottom, with Thumb Screw.

Per Dozen

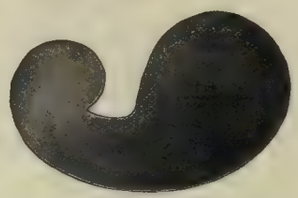
No. 2—13½ in. Long Over All, 3x3 in. Blade, Weight Per Dozen About 9 Lbs.....**$6.10**

One Dozen in a Box.

Per Dozen

Extra Blades—3x3 in., for No. 2 Scraper, Weight Per Dozen About 2 Lbs.....**$4.00**

SIMONDS'



Convex and Concave, 20 Gauge, Simonds' Steel.

Per Dozen

No. 287—6½x3¾ in. **$3.60**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

ATKINS'

No. 0—Silver Steel, Ground Edge, 20 Gauge.

Inches	2½x6	3x6	3½x6	4x6
Wt. Doz., Lbs..	2½	3½	4	4½
Per Dozen	$3.55	3.80	4.45	5.05

No. 1—Silver Steel, 20 Gauge.

Inches	2½x6	3x6	3½x6	4x6
Per Dozen	$1.52	1.77	2.03	2.28

No. 02—Standard Quality Steel, 19 Gauge.

Inches	2½x6	3x6
Per Dozen	$0.90	1.12

One Dozen in a Box.

Cabinet or Floor Scrapers.

STARRETT'S

Starrett's Universal, Adjustable.

Fine Steel Blade, Highly Tempered and Ground Perfectly on All Edges Making 8 Cutting Edges, Hardwood Handle, Ball Connection, Removable Guard.

Per Dozen

No. 194—9¼ in. Long, 3x4⅝ in. Blade, Weight Per Dozen About 15 Lbs.....**$21.65**

The Ball Joint Connection in handle makes it possible to bring any edge instantly in use. The removable guard works equally well on any side.

This Scraper is for use on Floors, Benches, Meat Blocks, Cabinet Work and any hardwood.

One-twelfth Dozen in a Box.

Per Dozen

Extra Blades—3x4⅝ in., for No. 194 Cabinet Scrapers.**$3.60**

Starrett's Adjustable.

Fine Steel Blade, Highly Tempered and Ground Perfectly on All Edges Making 8 Cutting Edges, Hardwood Handle, Steel Frame, Sheet Steel Head, Ball Connection.

Per Dozen

No. 181—12 in. Long, 3x4⅝ in. Blade, Weight Per Dozen About 15 Lbs.....**$25.60**

The Handle is connected to a Universal Joint allowing it to be set at any angle, enabling user to get into corners without bruising the knuckles or bumping the hand against the wall. A twist of the handle locks it firmly.

One-twelfth Dozen in a Box.

Per Dozen

Extra Blades—3x4⅝ in., for No. 181 Scraper.....**$3.60**

ATKINS' PERFECTION

Adjustable, 16 Gauge, Silver Steel Blade, Highly Tempered, 4 Edges Sharpened, Strong Malleable Iron Holder, Nickel Plated, Screwed into 9 in. Handle, Finely Finished.

Per Dozen

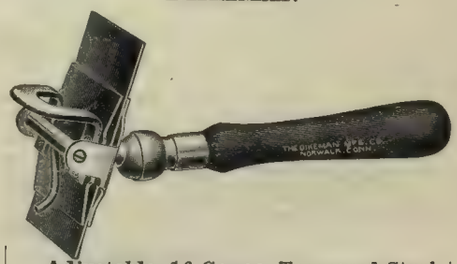
No. 185—12 in. Long, 3x3 in. Blade, Weight Per Dozen About 9 Lbs.....**$12.80**

Extra Blades—3x3 in., for No. 185 Cabinet Scraper..... **2.25**

This Scraper is perfectly rigid and will work in corners and close quarters.

One-half Dozen in a Box.

DIKEMAN



Adjustable, 16 Gauge, Tempered Steel Blade, Polished, Ball and Socket Connection, Perfection Steel Hand Rest, Wood Handle.

Per Dozen

No. 125—11 in. Long, 3x5 in. Blade, Weight Per Dozen About 26 Lbs.....**$20.00**

The Perfection Hand Rest provides a natural means for carrying Tool back and forth and being near the cutting edge of blade which is rigidly held between steel plates prevents chattering.

One-twelfth Dozen in a Box.

BENNETT'S

Adjustable, Tempered Steel Blade, with Hardwood Handle, Nickel Plated Trimmings, Removable Guard.

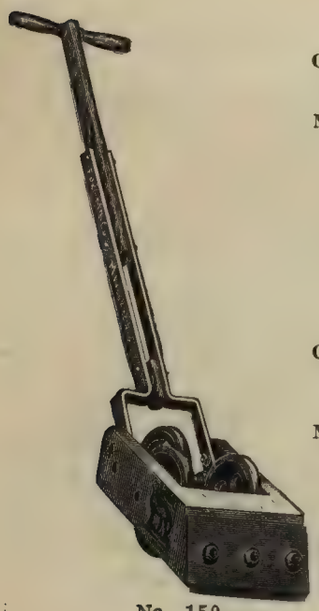
Per Dozen

No. 210—12 in. Long, 3x5 in. Blade, Weight Per Dozen About 14 Lbs.....**$14.45**

The position of Handle or Blade can be changed instantly to suit any work.

One-twelfth Dozen in a Box.

Floor Scraping Machines.



No. 150.

FOX

Cast Iron Frame, Bronzed, Adjustable English Steel Blade, 3 Rubber Tired Wheels, Adjustable Maple Handle, Cold Rolled Steel Handle Irons. Each

No. 150—Fox, 9 in. Blade, Body 14 in. Long, 4 in. High, 9 in. Wide, Furnished with 8 Knives, (Consisting of Four 9x3 in. Finishing Knives, Three 4x3 in. Old Floor Knives and One 9x3 in. Polishing Knife), One Wrench, One Mill File, One Oil Stone, One Burnisher, One Clamp Block (for Sharpening Knives) and Set of Directions. **$40.00**
Weight Each Boxed About 95 Pounds.

NEW FOX

Cast Iron Frame, Bronzed, Adjustable Removable Weight, Adjustable English Steel Blade, Rubber Tired Wheels, Adjustable Maple Handle, Cold Rolled Steel Handle Irons. Each

No. 155—New Fox, 9 in. Blade, Body 18 in. Long, 8 in. High, 9 in. Wide, Furnished with 12 8⅞x3 in. Crown Knives, Six 4x3 in. Old Floor Knives, One Special Knife (Substitute for Sander), One Wrench, One File, One Oil Stone, One Burnisher, One Clamp Block (for Sharpening Knives) and a Set of Directions..... **$67.00**
Weight Each Boxed About 135 Pounds.

No. 155.

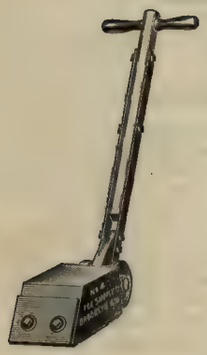
FOX No. 4

Cast Iron Frame, Planed Bottom, Corrugated to Insure Smooth Surface and at the Same Time Make it Lighter for Operator, English Steel Blade, 4½ in. Rubber Tired Wheels, 38 in. Adjustable Handle, Steel Handle Irons.

Each

No. 4—Fox, 6 in. Blade, Body 12 in. Long, 6 in. Wide, 5 in. High, Furnished with 6 Regular Cutting Knives, 3x6 in., 1 Hone, 1 Burnishing Steel and 1 Wrench..... **$26.65**

Weight Each Boxed About 90 Pounds.



No. 4.

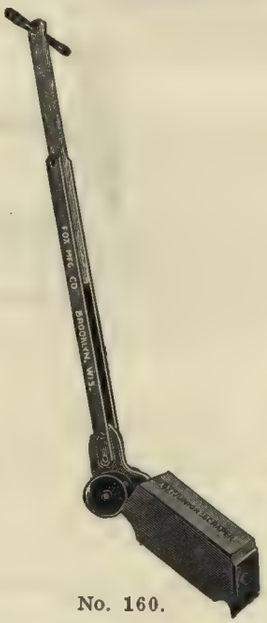
FOX JUNIOR

Cast Iron Frame, Bronzed, Adjustable Steel Blade, Rubber Tired Wheels, Adjustable Maple Handle, Cold Rolled Steel Handle Irons.

Each

No. 160—Fox Junior, 4x3 in. Blade, Body 16½ in. Long, 4½ in. High, 5 in. Wide, Furnished with Four Knives, One Wrench, One Oil Stone and One Burnisher..... **$20.00**

Weight Each Boxed About 72 Pounds.



No. 160.

Floor Scrapers.

No. 10.

Cast Iron Frame, Aluminum Finish, High Grade Crucible Steel Blade, 5 in. Rubber Tired Wheels, Hardwood Handle, 38½ in. Long.

Each

No. 10—Stearn's, 6 in. Blade, Body 14 in. Long, 9 in. High, 6 in. Wide, Weight Each About 100 Lbs... **$20.00**

The Knife scrapes the floor when machine is drawn toward operator and will therefore work up to the wall and into the corners. The Knife is firmly clamped in the scraper, which together with the weight of the machine nearly all of which rests on the Knife prevents vibration or chatter doing away with all wavy effects on the floor.

Knife Sharpeners.

Cast Iron Frame. Each

Fox Knife Sharpener—13 in. Wide, 16 in. Long Over All, Will Take Any Size Knife Up to 9 in., Weight Each 10¾ Lbs..... **$8.35**

Specially designed for the purpose of sharpening, honing and turning a perfect edge on any Hand or Floor Scraper Knife.

Floor Scraper Knives.

Per Dozen

Extra Knives—9x3 in., for Nos. 150 and 155 Floor Scraping Machines **$8.90**
Weight Per Dozen About 3 Pounds.

Burnishers.

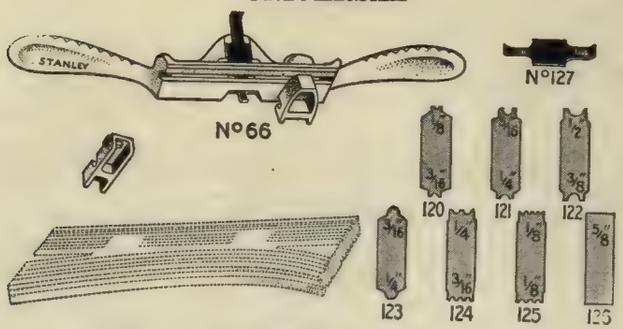
High Grade Tempered Carbonized Steel, Wood Handle.

Per Dozen

Burnishers—9 in. Long, ¼x5 in. Steel, 4 in. Handle.. **$4.50**
Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Hand Beaders.

UNIVERSAL



Two Curved Handles, All Metal, Nickel Plated.

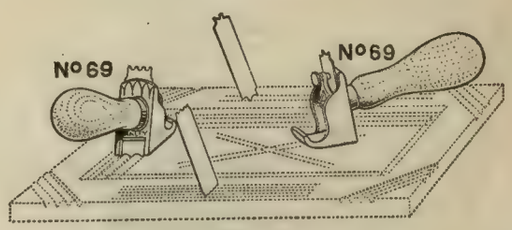
	Each
No. 66—1½ in. Long, with 8 Cutters, Weight About 1⅜ Lbs	$1.45
Extra Cutters or Blanks for No. 66	.12

This is an excellent tool for beading, reeding or fluting straight or irregular surfaces and for light routering. The sample illustrated shows some of the work that can be done with its use. With each beader are furnished a square gauge for straight work and an oval gauge for curved work. There are also furnished eight cutters sharpened at both ends and embracing the following assortment, 6 single beads ⅛, 3/16, ¼, 5/16, ⅜ and ½ inches; 2 fluting tools 3/16 and ¼ inches; 4 reeding tools (2 beads 3/16 inch, 3 beads ¼ inch, and 3 beads ⅛ inch and 4 beads ⅛ inch), 2 routers ⅛ and ¼ inch, and a ⅝ inch blank, which latter cutter the owner can file up as he desires.

The handles are curved so as to insure ample room between the workman's hands and the surface of the work.

One in a Box.

STANLEY'S



Single Handed Nickel Plated Metal Stock Raised Maple Handle, Well Ferruled.

	Per Dozen
No. 69—5 in. Long, with 7 Cutters, Weight About 4½ Lbs	$12.25
	Each
Extra Cutters or Blanks for No. 69	$0.12

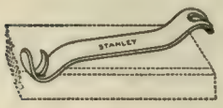
This is a very handy little article. With it one can do all kinds of straight beading, reeding or fluting. The sample of work shown in connection with the tool illustrates some of the usages to which it can be put.

The assortment of cutters that accompany each tool is the same as that furnished with the No. 66 Beader (except that there are no router cutters), comprising, 6 single beads ⅛, 3/16, ¼, 5/16, ⅜ and ½ inches; 2 fluting tools 3/16 and ¼ inches; 4 reeding tools (3 beads 3/16 inch, 2 beads ¼ inch, 3 beads ⅛ inch and 4 beads ⅛ inch), and a ⅝ inch blank.

One-twelfth Dozen in a Box.

Cornering Tools.

STANLEY'S



Flat Steel.

	Per Dozen
No. 28—5½ in. Long, 1/16 and ⅛ in. Cutter, Weight Per Dozen About 1½ Lbs	$4.50
No. 29—5½ in. Long, 1/16 and ¼ in. Cutter, Weight Per Dozen About 1½ Lbs	4.50

These Tools are used by Pattern Makers and all Wood Workers for rounding sharp edges. They have a different size cutter at each end and their form is such that no depth gauge is required.

One-half Dozen in a Box.

Chisel Gauges.

STANLEY'S

Blind Nail Tool.

Adjustable, Steel Stock, Nickel Plated.

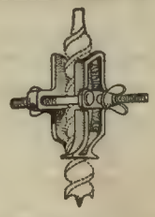
	Per Dozen
No. 96—2¼ in. Long, Weight Per Dozen 1 Lb	$4.00

This Tool can be attached to a ¼ in. Chisel (beveled edge up) and permits a shaving of any desired thickness to be raised for blind nailing or for inlaid work.

One-half Dozen in a Box.

Bit Gauges.

STANLEY'S



Adjustable, Cast Iron Frame, Nickel Plated.

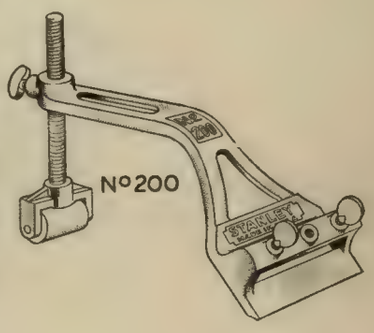
	Per Dozen
No. 49—2½ in. Long, Weight Per Dozen 2½ Lbs	$8.35

This Gauge can be attached to any size bit up to 1 in. in diameter. Two projections engage with the twist of the bit so it can be accurately set for the bit to bore to any depth desired. Stops on both sides of the bit insure it remaining upright when desired depth is reached thus preventing worm being bent or broken.

One-twelfth Dozen in a Box.

Cutter and Chisel Grinders.

STANLEY'S



	Each
No. 200—Made Entirely of Metal, Nickel Plated, Weight Each 1⅝ Lbs	$1.35

A device for holding Plane Irons, Chisels and other similar cutting tools that they may be ground or honed to any desired angle or bevel, insuring an accuracy that is very difficult to obtain when the tool is held in the hand.

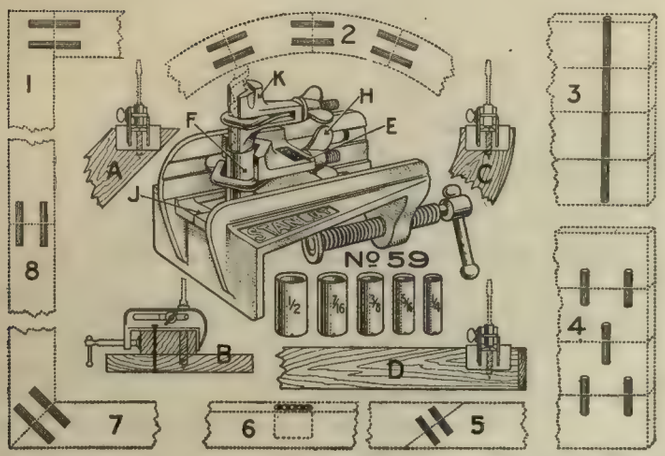
The tool to be sharpened is rigidly held in the Grinder by thumb screws and may be given any desired angle by means of the large screw attached to the roller frame which raises or lowers the main body.

The Grinder is fitted with two thumb screws, consequently the tool to be ground is held much more firmly than is possible with the use of a single screw.

One in a Box.

Doweling Jig..

STANLEY'S



Each

No. 59—Made Entirely of Metal, Nickel Plated, Milled True Working Parts, Weight Each About 1½ Lbs. **$2.80**

This Tool is for the purpose of enabling the user to bore dowel holes in the edge, end or surface of work with ease and accuracy. It will take any thickness of material up to three inches. It is also an excellent bit guide for mortising.

With the Doweling Jig the steel guide is automatically set to guide the bit properly when the Jig is clamped to the work.

Five steel guides 1¼ inches long are furnished: (¼, 5/16, ⅜, 7/16 and ½ inch). To allow for variations in size of bits guides are made 1-100 of an inch larger than the sizes given.

In the illustration, which shows the tool complete, "E" is the slide carrying the steel guide "F," by means of which the bit can be brought to the required distance from the edge of work. Guide "F" is held in slide "E" by the screw clamp and thumb nut "H."

In laying out the work, first mark across the edge of the stock the desired location of the dowel hole from the end of the work.

Having decided upon the distance the dowel hole is to be from the surface of the work, place the bit guide in the slide, bringing the two marks on lower edge of guide the same distance from the end of the Jig as the centre of the dowel hole is to be from the surface of the work. The under side of the Jig is graduated for this purpose.

Then place the Jig on the work, bringing the mark "J," on the front of the tool, so that it is in line with the mark on the edge of the stock.

A depth gauge "K" is also furnished which can be used with or without the Jig. Where used without the Jig, it should be set with the large end towards the point of the bit; in using same with the Jig it should be set with the small end down. See cut.

Fig. A, the proper way of attaching Jig when boring dowel holes on mitred or special work.

Fig. B, the method used in boring dowel holes on the surface of a board. For this work it is necessary that a temporary block be nailed to same as shown in illustration.

Fig. C, how the Jig should be attached when doweling segments of circles.

Fig. D, the setting of the Jig for all kinds of ordinary doweling.

Figs. 1 to 7 show various forms of work where the Jig can be used to good advantage as follows—1. Butted corner. 2. Circular segments. 3. Single matching. 4 Staggered matching. 5. Spliced Joint. 6. Mortising. 7. Mitered corner. 8. Butted Joint.

One in a Box.

Jointer Gauges.

For Wood Planes Only.

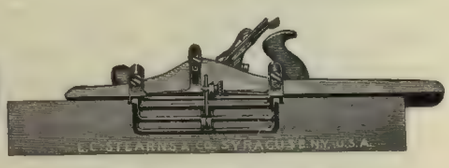
Adjustable Iron Frame, Nickel Plated.

Each

No. 8—8 in. Over All, Weight Each About 1¼ Lbs..... **$1.35**

Attached to a Wood Plane with round head wood screws.

One-twelfth Dozen in a Box.



For Iron or Wood Planes.

Adjustable Iron Frame, Japanned and Nickel Plated.

Each

No. 7—9 in. Over All, Weight Each About 1¾ Lbs..... **$2.25**

Quickly attached to an Iron Plane by the three thumb screws. For Wood Plane take out the thumb screws and use round head screws with the washer furnished with the gauge.

One-twelfth Dozen in a Box.

For Iron Jack or Jointer Planes.

Adjustable, Iron Frame, Nickel Plated, Wood Knob.

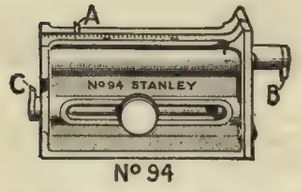
Each

No. 386—11 in. Over All, Weight Each 2 Lbs..... **$2.45**

All joints and bearing surfaces are machined. The method of attaching Gauge to a Plane is such as to insure its being absolutely rigid when in use, and it is so constructed that it may be attached to either side of the Plane. The wooden knob can be placed at either end of the Gauge. A hole is bored in each end of the Gauge so that a wood face of any desired size may be attached.

One in a Box.

Butt Gauges.

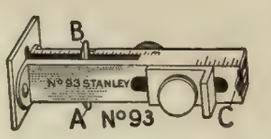


Iron Body, Steel Bars, Nickel Plated.

Per Dozen

No. 94—Graduated in 16ths, for 2 in., Weight Per Dozen About 7½ Lbs.....**$16.65**

One-twelfth Dozen in a Box.

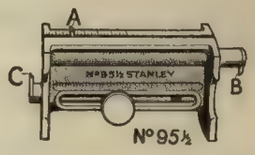


Steel Head, Brass Slide, Nickel Plated.

Per Dozen

No. 93—Graduated in 16ths, for 2 in., Weight Per Dozen About 3 Lbs.....**$13.90**

One-twelfth Dozen in a Box.

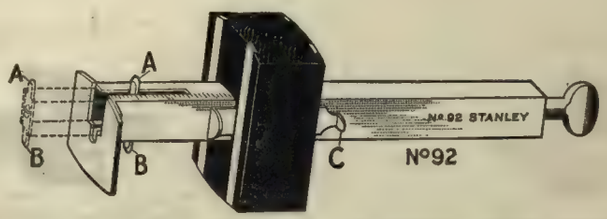


Iron Body, Steel Bars, Nickel Plated.

Per Dozen

No. 95½—Graduated in 16ths, for 1½ in., Weight Per Dozen About 4½ Lbs.....**$10.00**

One-twelfth Dozen in a Box.



Rosewood Head, Brass Slide, Adjustable Screw.

Per Dozen

No. 92—Graduated in 16ths, for 3 in.....**$21.65**

Weight Per Dozen About 9 Pounds.

One-twelfth Dozen in a Box.

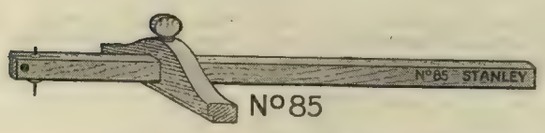
In hanging doors, there are three measurements to be marked—the location of butt on the casing, the location of butt on the door, and the thickness of butt on both casing and door. The term "Butt Gauge" covers a Gauge having three cutters, purposely arranged so that no change of setting is necessary when hanging several doors. In reality these tools comprise Rabbet Gauges, Marking Gauges and Mortise Gauges of a scope sufficient for all door trim, including lock plates, strike plates, etc.

In the illustration, the various cutters are marked by a letter which, in the several cuts, designates the cutter doing the same work. Cutter "A," which marks from the rabbet in the jamb, and cutter "B," which marks from the edge of the door engaged in closing, are mounted on the same bar and set by one adjustment with proper allowance for clearance; cutter "C" marks the thickness of the butt.

When casings have a nailed-on strike instead of being rabbeted, a Marking Gauge which will work on a ledge as narrow as ⅛ inch is required; in this case the same distance is marked from the edge of the casing and from the edge of the door not engaged when closing. Gauges 94 and 93 can be used on such work, cutter B marking for the butt and cutter "C" for its thickness. Gauge 94 is made so that it can be used as inside or outside Square for squaring the edge of the butt on either the door or jamb.

The dotted lines on end of No. 92 show same when set to be used as a Mortise Gauge. All Bars are locked by set screws and are graduated in sixteenths of an inch.

Panel Gauges.



Beechwood Oval Bar, Wood Thumb Screw, Adjustable Steel Points.

Per Dozen

No. 85—17½ in. Long, Weight Per Dozen About 5⅝ Lbs. **$3.35**

These Gauges used for marking door panels and such wide work where an extra long bar is needed. Have an extra wide head that is rabbeted to prevent slipping.

One-half Dozen in a Box.

Slitting Gauges.

Iron Thumb Screw, Heavy Steel Point, Wood Handle.

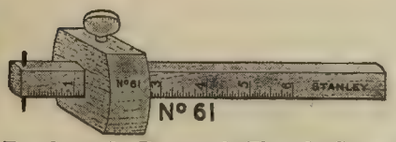
Per Dozen

No. 159—**Without Roller**, 22 in. Long, Weight Per Dozen About 22 Lbs.....**$ 9.15**

No. 160—**With Roller**, 22 in. Long, Weight Per Dozen 24 Lbs. **12.50**

One-half Dozen in a Box.

Marking Gauges.



Beechwood, Boxwood Thumb Screw, Square Head, Marked 16ths for 6 in. from Point.

Per Dozen

No. 0—8½ in. Long, Weight Per Dozen About 2⅜ Lbs. **$0.90**

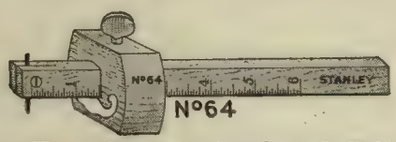
No. 61—8½ in. Long, Weight Per Dozen About 2⅞ Lbs. **1.12**

Beechwood, Polished Boxwood Thumb Screw, Square Head, Marked 16ths for 6 in. from Point, Adjustable Steel Screw.

Per Dozen

No. 62—8½ in. Long, Weight Per Dozen About 2⅞ Lbs. **$2.25**

One Dozen in a Box.

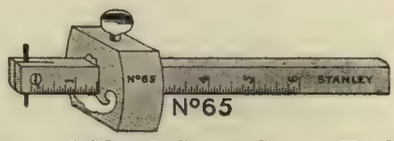


Beechwood, Polished, Boxwood Thumb Screw, Square Head, Brass Plated Face Plates, Marked 16ths for 6 in. from Point, Adjustable Steel Point.

Per Dozen

No. 64—8½ in. Long, Weight Per Dozen About 2⅞ Lbs. **$3.15**

One Dozen in a Box.



Boxwood, Polished, Brass Thumb Screw and Shoe, Square Head, Brass Plated Face Plates, Marked 16ths for 6 in. from Point, Adjustable Steel Point.

Per Dozen

No. 65—8 in. Long, Weight Per Dozen About 3¾ Lbs. **$6.35**

One-half Dozen in a Box.

Cutting Gauges.

Beechwood, Polished, Boxwood Thumb Screw, Adjustable Special Tempered Cutting Blade, Brass Plated Face Plate, Marked 16ths for 6 in. from Point, Beechwood Knob.

Per Dozen

No. 70½—8¼ in. Long, Weight Per Dozen About 3¾ Lbs. **$5.60**

One-half Dozen in a Box.

Marking Gauges.

Rosewood, Wood Slide, Polished, Brass Thumb Screw and Shoe, Screw Adjustment, Brass Plated Face Plates, Oval Bar, Marked 16ths for 3 in. from Point, Adjustable Steel Point.

Per Dozen

No. 77—7½ in. Long, Weight Per Dozen About 5 Lbs. **$10.55**

One-half Dozen in a Box.

Mortise Gauges.

Double Bar (Marking and Mortise Combined), Beechwood, Polished, Brass Thumb Screw and Shoe, Brass Plated Face Plates, Oval Bars, Marked 16ths for 6 in. from Point, Steel Points.

Per Dozen

No. 71—8¼ in. Long, Weight Per Dozen About 4¼ Lbs. **$8.35**

One-half Dozen in a Box.

Double Bar (Marking and Mortise Gauge Combined), Beechwood, Boxwood Thumb Screws, Polished Oval Bars, Marked 16ths for 6 in. from Point, Steel Points.

Per Dozen

No. 72—8½ in. Long, Weight Per Dozen About 3¾ Lbs. **$4.25**

One-half Dozen in a Box.

Marking Gauges.

Beechwood, Boxwood Thumb Screw, Square Head, Brass Face, Marked 16ths for 6 in. from Points.

Per Dozen

No. 161—8½ in. Long, Weight Per Dozen About 3 Lbs. **$2.25**

One Dozen in a Box.

Boxwood, Polished, Brass Thumb Screw and Shoe, Square Head, Brass Face, Marked 16ths for 6 in. from Point, Adjustable Steel Points.

Per Dozen

No. 165—8½ in. Long, Weight Per Dozen About 4 Lbs. **$7.25**

One Dozen in a Box.

Mortise Gauges.

Double Bar, Beechwood, Polished, Brass Thumb Screw and Shoe, Brass Plated Face Plates, Brass Face, Oval Bars, Marked 16ths for 6 in. from Point, Steel Points.

Per Dozen

No. 171—8½ in. Long, Weight Per Dozen About 4½ Lbs. **$9.45**

One-half Dozen in a Box.

Double Bar, Beechwood, Boxwood Thumb Screw, Polished, Brass Face, Oval Bars, Marked 16ths for 6 in. from Point, Steel Points.

Per Dozen

No. 172—8½ in. Long, Weight Per Dozen About 4 Lbs. **$5.15**

One-half Dozen in a Box.

Gauges Nos. 161 to 172 have a Brass Face with two ribs or projections, attached to one side of the Gauge Head (see Engraving,) which enables the owner to run a gauge line with perfect steadiness and accuracy around curves of any degree, and either concave or convex. The Gauge Head is reversible, and the flat side can be used for all ordinary work.

Metal Bar Gauges.

STANLEY'S

MARKING

Single Steel Bar, Machined Cast Head, Nickel Plated, Marked 16ths for 5 in.

Per Dozen

No. 90—6½ in. Long, with Pin Point, Weight Per Dozen About 3 Lbs. **$6.35**

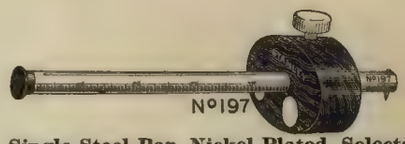
One-twelfth Dozen in a Package.

Single Steel Bar, Machined Cast Head, Nickel Plated, Marked 16ths for 5 in.

Per Dozen

No. 97—6½ in. Long, with Pin Point and Roller Cutter, Weight Per Dozen About 6 Lbs. **$9.35**

One-twelfth Dozen in a Box.

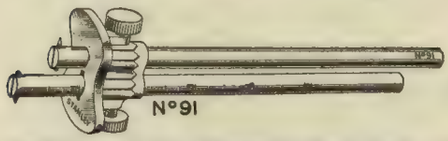


Single Steel Bar, Nickel Plated, Selected Rosewood Head, Brass Face Plate Inserted, Marked 16ths for 5 in.

Per Dozen

No. 197—6½ in. Long, with Pin Point and Roller Cutter, Weight Per Dozen About 6 Lbs. **$10.55**

One-twelfth Dozen in a Box.

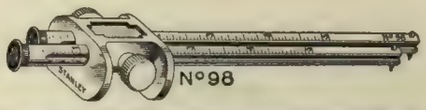


Double Steel Bar, Machined Cast Head, Nickel Plated, Marked 16ths for 5 in.

Per Dozen

No. 91—6½ in. Long, with Pin Points, Weight Per Dozen About 6 Lbs. **$10.80**

One-twelfth Dozen in a Package.

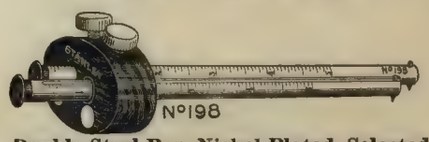


Double Steel Bar, Machined Cast Head, Nickel Plated, Marked 16ths for 5 in.

Per Dozen

No. 98—6½ in. Long, with Pin Point and Roller Cutter, Weight Per Dozen About 7½ Lbs. **$13.90**

One-twelfth Dozen in a Box.



Double Steel Bar, Nickel Plated, Selected Rosewood Head, Brass Face Plate Inserted, Marked 16ths for 5 in.

Per Dozen

No. 198—6½ in. Long, with Pin Point and Roller Cutter, Weight Per Dozen About 7½ Lbs. **$15.10**

One-twelfth Dozen in a Box.

In the above Gauges two types of cutters are used—one a pin point; the other a roller cutter which can be used close into rabbets or corners and is recommended for working across the grain, over knots, etc. Some numbers combine both styles of markers by having one at each end of the bar. Where there is a marker at each end of the bar, the heads are double faced. The bars in those Gauges having a metal head can be set so that either a narrow or wide gauging surface is obtained. Where two cutters are fitted on one bar, there are graduations for each cutter.

Pattern Makers' Gauges.

MARKING

Single Metal Bar, Nickel Plated, Rosewood Head, NOT GRADUATED.

Per Dozen

No. 297—9 in. Long, with Roller Cutter, Weight Per Dozen About 7½ Lbs. **$11.65**

One-twelfth Dozen in a Box.

MARKING AND MORTISE

Double Metal Bar, Nickel Plated, Rosewood Head, NOT GRADUATED.

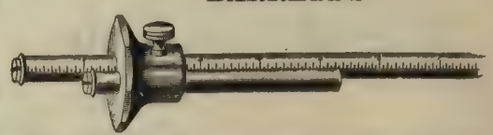
Per Dozen

No. 298—9 in. Long, with Roller Cutter, Weight Per Dozen About 7½ Lbs. **$16.45**

One-twelfth Dozen in a Box.

Combination Gauges.

BARRETT'S



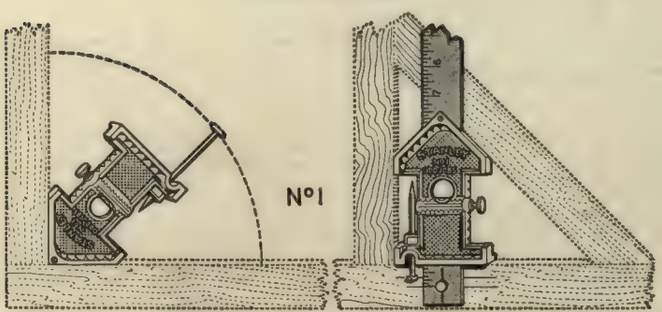
Double Metal Bar, Cast Iron Head, Nickel Plated, Marked 16ths.

Per Dozen

No. 30—8 in. Long, with Roller Cutter, Weight Per Dozen About 9 Lbs. **$16.10**

One-half Dozen in a Box.

Odd Jobs.



Cast Iron Frame, Nickel Plated, with Level and 12 in. Graduated Rule.

Per Dozen

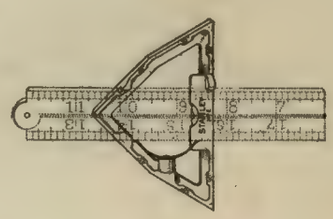
No. 1—4 in. Long, Weight Per Dozen About 7½ Lbs. . **$15.00**

This Tool is well named, as with its use the owner can do all ordinary jobs with the addition of only a saw, a hammer and a plane.

It combines a Level, Plumb, Try Square, Mitre Square, Bevel, Scratch Awl, Depth Gauge, Marking Gauge, Mitre Gauge, Beam Compass and a One Foot Rule. The rule is graduated in sixteenths of inches.

One-twelfth Dozen in a Box.

Rule Tools.



Cast Iron Frame, Nickel Plated, 3 Angle.

Per Dozen

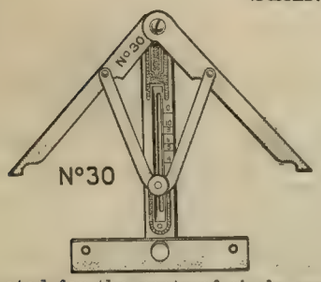
No. 2—Weight Each 3 Oz., **without Rule**, Weight Per Dozen 2¼ Lbs. **$8.35**

Can be easily and quickly attached to any two foot rule that is 1 inch in width by simply slipping the rule between the spring and the boss as shown in the cut. In this combination it may be used as a Plumb, a Level, a Square, a T Square, a Mitre Square, a 30 Degree Square, a Depth Gauge or a Marking Gauge.

One Dozen in a Box.

Angle Dividers.

STANLEY'S



Cast Iron Frame, Nickel Plated Steel Arms and Adjusting Screw.

Each

No. 30—7⅜ in. Long, Weight Each ⅝ Lb. **$2.12**

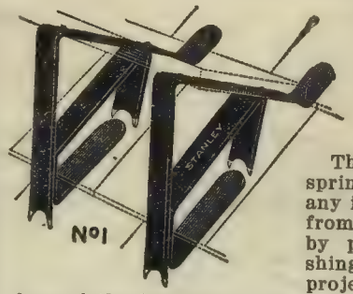
With this tool any angle can be found and bisected. Fitting molding or other wood work to odd angles can be done with ease and certainty. It is also graduated for the parts of circle commonly used. A handy tool for laying out work.

The Angle Divider is accurately made and can be used as a Try or "T" Square.

One in a Box.

Roofing Brackets.

STANLEY'S



Spring Steel Parts, Riveted, Japanned.

Per Dozen

No. 1—8 in. Long, 1 in. Wide, Ap. Wt. Per Dozen 13½ Lbs. **$5.00**

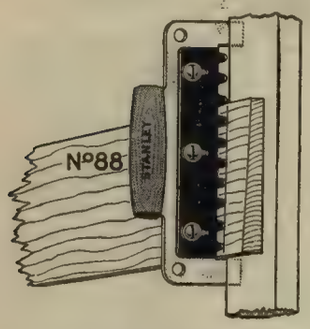
These Brackets are made of spring steel so constructed that any increase of pressure or weight from above increases their security by pressing the spurs into the shingles. Two steel spurs also project above the horizontal surface of the bracket to secure the staging boards. There are no loose parts to get lost and no nail holes are made in the roof.

One-half Dozen in a Box.

Clapboard Siding Marker.

STANLEY'S

Iron Stock, Adjustable Steel Blade, Wood Handle.



No. 88—Marker.

Each

No. 88—8¾ in. Long, 4 in. Wide, Weight Each ⅞ Lb. . . **$0.80**

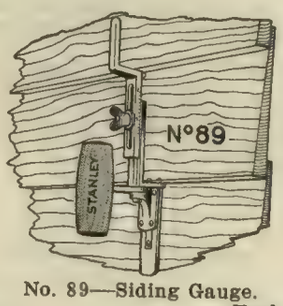
This tool can be used with one hand, while the other is employed in holding a clapboard in position. The marking blade is easily adjusted to any thickness of clapboard or siding. The sharp edges of the teeth are just parallel with the legs when in position to mark. By moving the tool half an inch, it will mark a full line across the clapboard, exactly over and conforming to the edge of the corner board.

One in a Box.

Clapboard Siding Gauge.

STANLEY'S

Iron Stock, Steel Blades, Wood Handle.



No. 89—Siding Gauge.

Each

No. 89—8¾ in. Long, 2½ in Wide, Weight Each ⅝ Lb..... **$0.80**

Two thin steel blades, which form a part of the base of the tool, will slide under the last clapboard already laid. When the bottom of the gauge is held firmly to the lower edge of the clapboard, press the handle over sidewise, and this will force another thin blade down into the next lower clapboard rendering them immovable. The clapboard can be hald any width to the weather, by the graduated scale on the tool. After the tool is released, the mark left is so slight that painting alone will fill it.

Three in a Box.

Trammel Points.

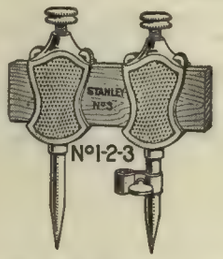
Rule Trammel Points.

Set Consists of Two Brass Trammel Heads with Movable Steel Point and One Head with Pencil Socket.

Per Set

No. 99—For Straight Edge up to ¾ in., Weight Per Set ⅜ Lb. **$0.90**

One Set in a Box.



Bronze Metal Steel Points, with Pencil Socket.

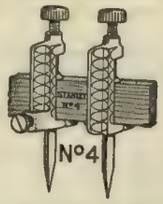
Per Pair

No. 1—Small, for ⅝ in. Straight Edge, Wt. Per Pair ¼ Lb.. **$1.68**

No. 2—Medium, for 1 in. Straight Edge, Wt. Per Pair ⅜ Lb.. **2.00**

No. 3—Large, for 1¼ in. Straight Edge, Wt. Per Pair ⅝ Lb. **2.45**

One Pair in a Box.



Adjustable, Cast Iron Frame, Nickel Plated, Steel Points.

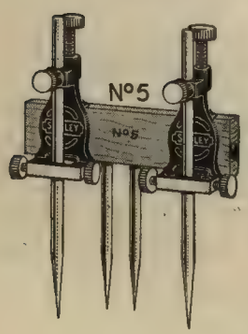
Per Set

No. 4—For Straight Edge up to 1¼ in. **$1.35**

Weight Per Pair ¼ Pound.

Can be attached to one side of any straight stick. The pencil socket will take an ordinary pencil or full size oval shape carpenter's pencil.

One Pair in a Box.



Machinists' Trammel Points.

Cast Iron Frame, Japanned, with Long and Short Points, One Each of which is Adjustable by Means of a Set Screw.

Per Set

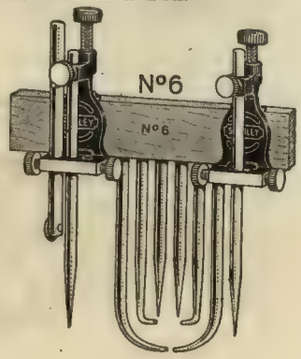
No. 5—For Straight Edge up to 1½ in., with 4 Points, Weight Per Set 1 Lb..... **$2.80**

No. 6—For Straight Edge up to 1½ in., with 8 Points and Roller Marker, Weight Per Set 2 Lbs..... **4.10**

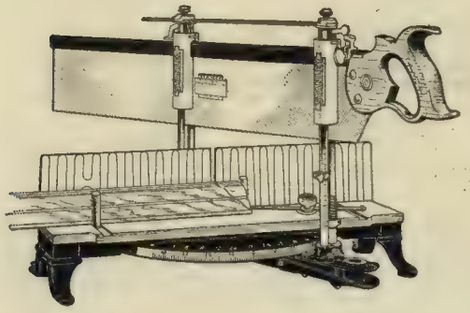
The No. 6 has 4 special curved points for use as Outside or Inside Calipers.

One in a Box.

The above Trammel Points are used by millwrights, carpenters, machinists and all mechanics having occasion to strike arcs or circles larger than can be conveniently done with ordinary Compass Dividers.



Mitre Boxes.



STANLEY'S

Solid Cast Iron Frame, Detachable Malleable Iron Legs, Finished in Japan and Nickel, Interchangeable Parts, Complete with Saw.

Nos.	244	246	358	460
Size of Saw, Inches	24x4	26x4	28x5	30x6
Capacity, Right Angle, Inches	8¼	8¼	9½	11
Capacity Mitre (45°), Inches	5½	5½	6½	7½
Cap'y at 30° without Stock Guide, In.	3½	3½	4⅛	5⅛
Weight Each, with Saw, Lbs	28½	30	36	51
Each, Complete with Saw	$17.25	17 80	20.00	24.50

One in a Box.

These Boxes are compact, strong and durable, and are quickly put together or taken apart for convenience in carrying. The frame is one solid casting, giving great strength.

The saw guide uprights are securely clamped in tapered sockets in the swivel arm and can be adjusted to hold the saw without play, and also to counteract a saw that runs out of true, due to improper setting or filing.

The second socket in the swivel arm permits the use of a short saw or allows a much longer stroke with a standard or regular saw.

The swivel arm is provided with a tapered index pin which engages in holes placed on the under side of the base. These holes are made at the commonly used angles as designated on top of the base allowing 3, 4, 5, 6, 8, 12, and 24 sided pieces to be cut. The edge of the base is graduated in degrees and the swivel arm can be set and automatically fastened at any degree desired.

The uprights, front and back, are graduated in sixteenths of inches, and movable stops can be set, by means of thumb screws, to the depth of the cut desired.

Stock guides hold all kinds of ordinary work, as well as irregular forms, and can be used as length gauges for duplicating short pieces.

Automatic catches on the uprights hold the saw up, which allows the use of both hands in placing the work. The adjustable stop on top of the saw, coming in contact with the lever trip, releases the front catch, and the saw in falling pitches slightly forward automatically releasing the rear catch, without any necessity of taking the hand from the saw or touching the lever trip. Two cone-pointed leveling screws on the rear feet prevent the Box sliding when in use. These Boxes are regularly packed with back saws made expressly for us.

STANLEY'S VICTOR

Solid Cast Iron Frame, Malleable Iron Legs, Flat Faced Saw Guides, Japanned.

Each

No. 50½—Adjustable, without Saw, Takes 20 in. Back or Panel Saw, Height 5 in., Capacity at Right Angle 7¼ in., Capacity Mitre (45°) 4¾ in., Weight Each 20 Lbs. $8.35

This Box is strong and accurate, though not having all the refinements of the Stanley Box. Has Back, Frame, Indexed Quadrant and Swivel Arm Bearing in one piece, accurately machined. The Quadrant is indexed for cutting 4, 5, 6, 8, 12 and 24 sided pieces.

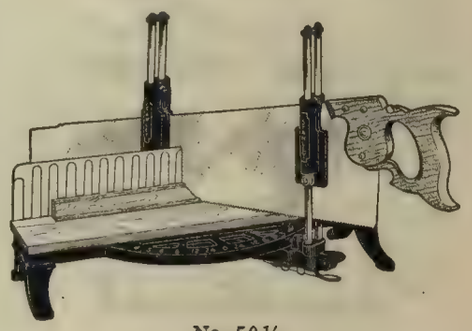
The swivel arm can be locked at any point desired between zero and 45°.

The saw guide uprights are securely clamped in the sockets in the swivel and can be adjusted to hold the saw without side play, thus insuring great accuracy in working.

Movable stops are attached to the saw upright permitting the saw to cut only to the desired depth.

To use a panel saw in the No. 50½ (see cut) put a nail through the two small holes near the top of the rear saw guide to keep the saw in place.

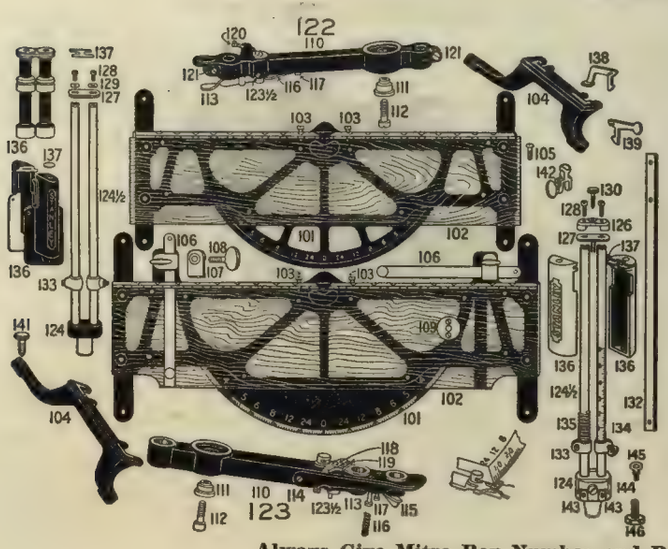
One in a Box.



No. 50½.

PARTS OF STANLEY MITRE BOXES

Write for Prices.

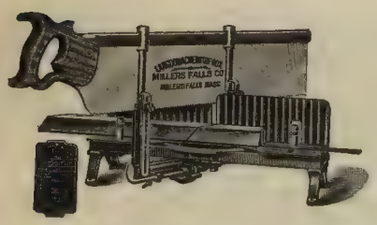


No.	Name of Part. Mitre Box No.	50½	224	246	358	460
No. 101	—Frame	$3.00	3.50	3.50	4.20	5.60
No. 102	—Frame Board	.30	.30	.30	.30	.50
No. 104	—Frame Leg	.30	.30	.30	.35	.40
No. 106	—Stock Guide	...	.25	.25	.25	.25
No. 107	—Stock Guide Clamp	...	.05	.05	.05	.05
No. 109	—Stock Guide Plate	...	.05	.05	.05	.05
No. 110	—Swivel Arm	.75	1.25	1.25	1.40	1.65
No. 111	—Swivel Arm Bushing	.15	.15	.15	.15	.15
No. 112	—Swivel Bushing Screw	.15	.15	.15	.15	.15
No. 113	—Index Clamping Lever	.10	.20	.20	.20	.25
No. 115	—Index Clamping Lever Catch	...	.05	.05	.05	.05
No. 116	—Index Clamp'g Lever Spring	...	.05	.05	.05	.05
No. 122	—Swivel Complete (50 and 50½)	1.00	...	...	...	...
No. 123	—Swivel Complete (240 to 460)	...	2.50	2.50	2.75	3.00
No. 124	—"T" Base	.25	.75	.75	.75	.75
No. 124½	—Uprights (each)	.15	.20	.20	.25	.25
No. 126	—Saw Guide Cap	...	.05	.05	.05	.05
No. 127	—Saw Guide Cap Plate	.05	.05	.05	.05	.05
No. 132	—Saw Guide Tie Bar	...	.10	.10	.15	.15
No. 133	—Left Saw Guide Stop & Screw	.15	.15	.15	.15	.15
No. 134	—Right Saw Guide Stop & Screw	...	.20	.20	.20	.20
No. 135	—Saw Guide Stop Spring	...	.05	.05	.05	.05
No. 136	—Saw Guide Cylinder	.25	.35	.35	.35	.35
No. 137	—Saw Guide Cylinder Plate	.05	.05	.05	.05	.05
No. 138	—Trip Lever (Back)	...	.15	.15	.15	.15
No. 139	—Trip Lever (Front)	...	.15	.15	.15	.15
No. 141	—Leveling Screw	...	.10	.10	.10	.10
No. 142	—Trip Clamp and Screw	...	.15	.15	.15	.15
No. 146	—"T" Base Clamp Screw	...	.10	.10	.10	.10

Screws Nos. 103, 105, 108, 114, 117, 119, 120, 121, 123½, 128, 130, 143, 144, 145, Each $0.05.

Always Give Mitre Box Number and Part Number for Each in Ordering Parts.

Mitre Boxes.



IMPROVED LANGDON ACME

Iron and Steel Castings, Main Castings Bronze Finish, Bright Parts Nickeled. Complete with Henry Disston and Sons' Mitre Box Saw.

Nos.	72	73	74	75
Size No.	2	2	2½	2½
Saw, Inches	24x4	26x4	28x5	30x5
Capacity, Right Angles, Inches	10¼	10¼	10¼	10¼
Capacity Mitre, Inches	7	7	7	7
Weight Each, with Saw, Boxed, Lbs.	35	36	37	38
Each	$17.60	18.40	20.20	21.00

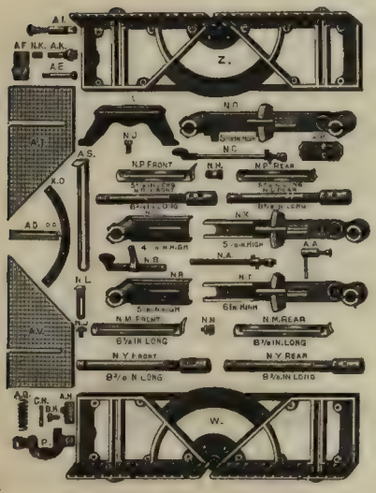
The Saw Guides are extra long to give stability when the saw is raised to its highest point. A simple and effective device automatically catches the saw guides and holds them suspended when they are raised to their highest point and releases them instantly when desired. Has notches in the Bed Plate to determine the positive angles most in use. By the use of a thumb lever at the front of the box the saw supports may be swung freely and locked at either a positive or an intermediate angle.

Has Guides to support the work against the back or to be used when angles more acute than 45° are desired. These Guides may be slid out of the way through little gateways in the back when not wanted. Has Extension Lever with a quick acting adjustment and a Length Gauge for duplicate lengths. The Steel Bottom Boards are roughened to prevent the work from slipping. Has Graduated Arc upon the bed and an Index Plate to tell at what degrees to set the saw for certain desired cuts. Equipped with Depth Gauge and Take Up in case of wear upon the saw.

One in a Box.

PARTS FOR LANGDON ACME MITRE BOX

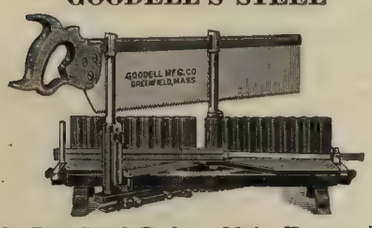
Write for Prices.



No. of Part	Name of Part	For Size Box	Each
AA	Binder	for sizes 2 and 2½ box	$0.10
AB	Index Plate	for all sizes of boxes	.10
AD	Gib	for all sizes of boxes	.15
AE	Gib Screw	for all sizes of boxes	.05
AF	Binding Strap	for all sizes of boxes	.05
AG	Spring	for all sizes of boxes	.10
AH	Stop Lever Strap	for all sizes of boxes	.05
AI	Stock Rest	for all sizes of boxes	.15
AK	King Bolt	for all sizes of boxes	.10
AS	Length Gauge	for all sizes of boxes	.15
AT	Right Hand Bottom Board	for all sizes of boxes	.10
AV	Left Hand Bottom Board	for all sizes of boxes	.10
BH	Stop Lever Strap Screw	for all sizes of boxes	.03
CH	Stop Lever Pin	for all sizes of boxes	.02
NA	Stop Lever Rod	for sizes 2 and 2½ box	.15
NB	Thumb Lever	for sizes 2 and 2½ box	.15
NC	Thumb Stop Lever	for size 1 box	.20
ND	Saw Guide Front and Rear	for sizes 1 and 2 box	.50
NH	Elevator	for all sizes of boxes	.25
NJ	Guide Stop Screw	for all sizes of boxes	.05
NK	King Bolt Stop Screw	for all sizes of boxes	.03
NL	Guide Stop	for all sizes of boxes	.10
NM	Stop Gauge Front and Rear	for size 2½ box	.10
NN	Stop Gauge Thumb Screw	for all sizes of boxes	.10
NO	Swinging Lever	for size 1 box	1.25
NP	Stop Gauge Front and Rear	for sizes 1 and 2 box	.10
NR	Sliding Front Post	for size 2½ box	.75
NS	Sliding Front Post	for size 2 box	.50
NT	Swinging Lever	for size 2½ box	1.25
NU	Leg Screw	for all sizes of boxes	.03
NX	Swinging Lever	for size 2 box	1.10
NY	Saw Guide Front and Rear	for size 2½ box	.60
OO	Indicator	for all sizes of boxes	.05
P	Stop Lever	for all sizes of boxes	.30
U	Leg	for all sizes of boxes	.15
W	Bed and Back	for size 2½ box	1.50
XO	Graduated Arc	for all sizes of boxes	.15
Z	Bed and Back	for size 1 and 2 box	1.50

Parts NO, P, NR, NS, NT, U, W, NX and Z have corresponding letters cast in them, so, if in doubt, reference may be made to the castings.

GOODELL'S STEEL



High Grade Bar Steel Bed or Main Frame, Heavy Corrugated Steel Back, Serrated Steel Plates Covering the Bed and Forming the Bottom of Box, Wrought Steel Lever or Saw Support, Long Saw Guides, Automatic Detents for Holding up Saw.

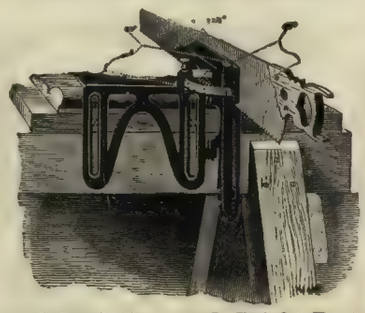
Complete with Angle Attachment, Length Gauge and Saw.

Nos.	G264	G285	G305	G306
Size No.	2	3	3	4
Saw, Inches	26x4	28x5	30x5	30x6
Wt. Each, Boxed, Lbs.	31	35	35	38
Each	$20.00	22.25	22.75	25.60

The capacity of all sizes is 10½ in. at right angles and 7¼ in. at mitre.

One in a Box.

SEAVEY'S IMPROVED



Made of Iron and Steel, Japanned, Bright Parts Nickeled, for Use with Any Kind of Saw.

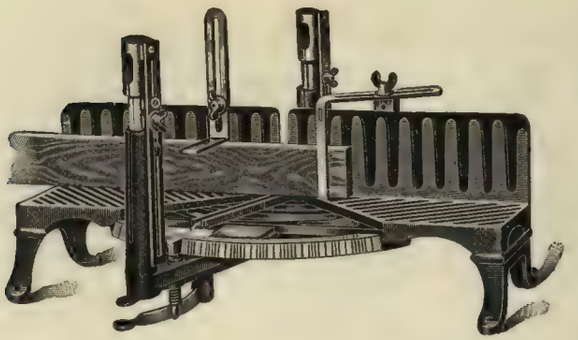
	Without Saw. Each
No. 55—8 in. High Over All, 8 in. Wide Over All, Weight Each 2 Lbs.	$3.80

Apply the box to the top of the wood, or attach to bench or board, as illustrated. Enter the end saw between the plates, keeping the teeth below the guides. Draw the saw out the same way. Use any ordinary saw. Can be folded and carried in coat pocket.

One in a Box.

Mitre Boxes.

FISH



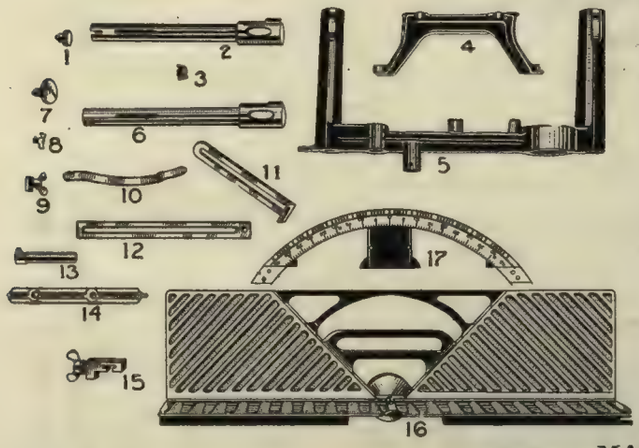
Cast Iron Frame, Japanned, Steel Back Saw Guides, Nickel Plated, Interchangeable Parts, Detachable Legs.
Complete with Mitre Box Saw.

Nos.	F264	F285	F305
Saw, Inches	26x4	28x5	30x5
Weight Each, Lbs.	36	37	38
Each	$22.50	23.35	24.15

One in a Box.

The arrangement of the work clamps make it possible to handle a wide range of work. The device for controlling the depth of saw cut and supporting saw is in one piece. Cast lugs on side of Saw Guide Posts hold Saw Guides in position so that Saw Slots are always in line to receive the saw. The Notched Segment and Locking Device for adjusting the saw to different angles consists of four parts, Notched Segment, Steel Engaging Head, Coiled Spring and Finger Latch. Each notch in Segment is one degree of a circle with common angles specially marked. The Work Clamps can be adjusted to any shape or position without interfering with angles of jaw.

REPAIR PARTS FOR FISH MITRE BOX

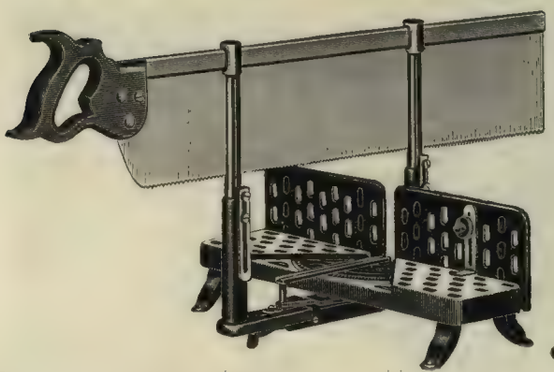


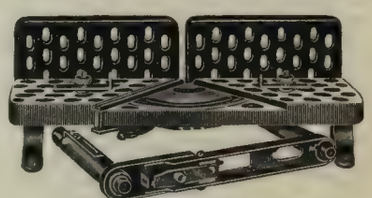
Write for Prices.

No.	Part Name of Part	Each
1	Set Screw for Back of Clamp Block	$0.15
2	Forward Saw Guide; Notice Slot in End	.85
3	Spring for Engaging Head	.10
4	Leg	.35
5	Swivel; when Ordering Mention Size of Saw	2.25
6	Back Saw Guide	.75
7	Swivel Screw	.25
8	Saw Adjustment Screw	.05
9	Block Complete for Saw Adjustment	.35
10	Finger Latch	.30
11	Clamp	.35
12	Strap for Saw Adjustment	.35
13	Engaging Head for Segment	.75
14	Saw Slot	.40
15	Clamp Block	.65
16	Bed of Box	2.50
17	Segment without Scale	1.50
18	Segment Scale	.35

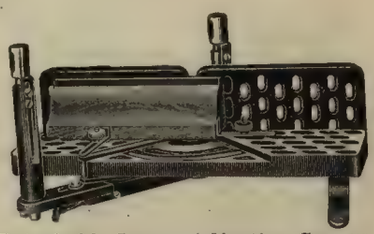
When Ordering, Give Number and Name of Part.

MARSH'S PRESSED STEEL





Showing Lever Detached.



16 Gauge Pressed Steel Frame, Detachable Lever, Adjusting Screws for Lever to Correct Rim of Saw, Roughened Surface Plates to Keep Stock from Slipping, Universal Stock and Length Gauges, Graduated Arc and Lock for Fastening Lever at any Position, Detents to Hold Saw Elevated, Copper Plated and Oxidized.

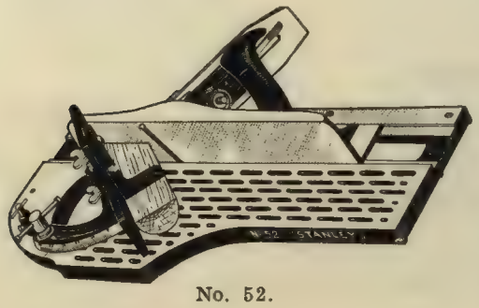
Complete with Atkin's Mitre Box Saws.

Nos.	SB26	SB28	SB30
Saw, Inches	26x5	28x5	30x5
Capacity at Right Angle, Inches	10¼	10¼	10¼
Capacity at Mitre, Inches	7	7	7
Weight Each, Crated, Lbs.	29	30	31
Each	$21.10	21.70	22.25

One in a Crate.

Chute Board and Plane.

STANLEY'S



No. 52.

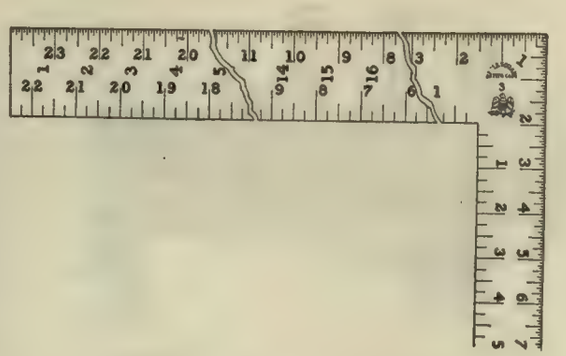
Special Iron, Ribbed Construction, Adjustable Runway, Accurately Machined, Rosewood Handle Plane, Rosewood Knob. Each

No. 52—22 in. Long, 15 in. Long Plane, 2⅜ in. Cutter, Weight Each 17½ Lbs. $16.50

The Stanley Chute Board and Plane is a very important tool especially for Pattern Makers, Cabinet Makers, Printers and Electrotypers. The Board is made of Iron, of ribbed construction, and has an Adjustable Runway for the Plane. The Plane is especially constructed to suit this Board, the Cutter being set on a skew, making a smooth keen cut. The Cutter being fitted with a Lateral Adjustment, a cut giving any ordinary Draft to a pattern can be made The Swivel is indexed, for cutting a Square and a Mitre (45 degrees) but by means of the Clamping Screw, can be set at any desired angle from 0 to 90 degrees. The Sliding Back will support the work close to the Plane, preventing it from splintering. The Sliding Back Clamp will hold nearly any shape of work in position to be planed. One in a Box.

Steel and Iron Squares.

No. 100B.



No. 3.

Steel, Blued Finish.

All Figures in White.

SIZE.			HOW MARKED.				
Nos.	Body, Inches.	Tongue, Inches.	Face.	Back.	Kind of Measure.	Weight Per Dozen, Pounds.	Per Dozen.
100B	24x2	16x1½	1/16 and 1/8	1/32, 1/12, 1/10	Essex Board, 8 Sq., Brace, 1/100	30	$22.90
3B	24x2	16x1½	1/16 and 1/4	1/12 and 1/4	Essex Board and Brace	30	18.90
14B	24x2	16x1½	1/8 and 1/4	1/4	Essex Board	30	16.90
10B	12x1½	8x1	1/8 and 1/4	1/12 and 1/4		12	14.50
Steel, Nickel Plated.							
200	24x2	16x1½	1/16 and 1/8	1/32, 1/12, 1/10	Essex Board, 8 Sq., Brace, 1/100	30	$21.75
101	24x2	16x1½	1/16 and 1/8	1/8 and 1/12	Essex Board, 8 Sq., Brace, 1/100	30	20.45
102	24x2	16x1½	1/16 and 1/8	1/12 and 1/4	Essex Board, 8 Sq., Brace	30	19.10
102½	24x2	16x1½	1/8	1/12 and 1/8	Framing	30	19.10
103	24x2	16x1½	1/16 and 1/4	1/12 and 1/4	Essex Board and Brace	30	17.80
110	12x1½	8x1	1/8 and 1/4	1/12 and 1/4		12	12.00
112	12x1½	8x1	1/16 and 1/8	1/32 and 1/8		12	13.35
Steel, Polished.							
100	24x2	16x1½	1/16 and 1/8	1/32, 1/12, 1/10	Essex Board, 8 Sq., Brace, 1/100	30	$17.35
1	24x2	16x1½	1/16 and 1/8	1/8 and 1/12	Essex Board, 8 Sq., Brace, 1/100	30	16.00
2	24x2	16x1½	1/16 and 1/8	1/12 and 1/4	Essex Board, 8 Sq., Brace	30	14.65
2½	24x2	16x1½	1/8	1/12 and 1/8	Framing	30	14.65
3	24x2	16x1½	1/16 and 1/4	1/12 and 1/4	Essex Board and Brace	30	13.35
4	24x2	16x1½	1/8 and 1/4	1/12 and 1/4	Essex Board and Brace	30	13.35
6	24x2	16x1½	1/8 and 1/4	1/4 and 1/2	Essex Board and Brace	30	12.00
13	24x2	16x1½	1/8 and 1/4	1/4	Essex Board and Brace	30	12.00
14	24x2	16x1½	1/8 and 1/4	1/4	Essex Board	30	11.35
15	24x3	18x1½	1/16 and 1/8	1/8 and 1/12	Bridge Makers, 1 in. Slot in Body, Graduated to 1/8ths	40	128.00
10	12x1½	8x1	1/8 and 1/4	1/12 and 1/4		12	8.70
12	12x1½	8x1	1/16 and 1/8	1/12 and 1/8		12	10.00
Steel, Galvanized, Absolutely Rust Proof.							
100G	24x2	16x1½	1/16 and 1/8	1/32, 1/12, 1/10	Essex Board, 8 Sq., Brace, 1/100	30	$21.75
1G	24x2	16x1½	1/16 and 1/8	1/8 and 1/12	Essex Board, 8 Sq., Brace, 1/100	30	20.45
3G	24x2	16x1½	1/16 and 1/4	1/12 and 1/4	Essex Board and Brace	30	17.80
Iron, Polished.							
21	24x1½	12x1	1/8 and 1/4			15	$ 4.70
22	24x1½	12x1	1/8 and 1/4	1/8 and 1/4		15	5.35
24	24x2	12x1½	1/8 and 1/4	1/8 and 1/4		18	6.70

Steel, Royal Copper Finish, Absolutely Rust Proof.

Royal Copper Finish consists of Two Very Heavy Coats of Copper, which has been subjected to very high Degree of Heat, producing a Royal Color, and making it hard as the Steel itself. All Figures and Graduations are filled with White Enamel.

Per Dozen

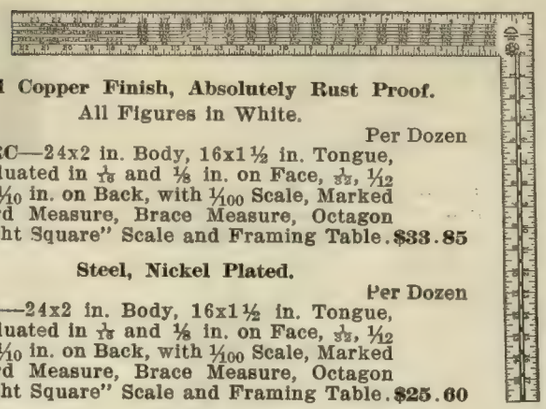
No. 100R—24x2 in. Body, 16x1½ in. Tongue, Graduated 1/16 and 1/8 in. on Face, 1/32, 1/12 and 1/10 in. on Back, Marked with 1/100 Scale, Essex Board Measure, Eight Square, Brace Measure **$28.45**

Weight Per Dozen About 30 Pounds.

Steel Squares, One-quarter Dozen; Iron Squares, One-half Dozen in a Box.

Steel Squares.

EAGLE RAFTER



Royal Copper Finish, Absolutely Rust Proof.
All Figures in White.

Per Dozen

No. 100RC—24x2 in. Body, 16x1½ in. Tongue, Graduated in ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked Board Measure, Brace Measure, Octagon "Eight Square" Scale and Framing Table. **$33.85**

Steel, Nickel Plated.

Per Dozen

No. 0100—24x2 in. Body, 16x1½ in. Tongue, Graduated in ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked Board Measure, Brace Measure, Octagon "Eight Square" Scale and Framing Table. **$25.60**

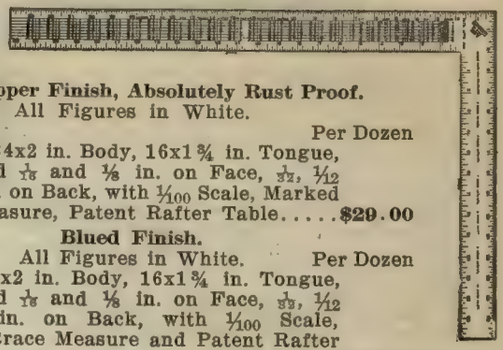
Steel, Polished.

Per Dozen

No. 03—24x2 in. Body, 16x1½ in. Tongue, Graduated in ⅛ and ¼ in. on Face, 12 and ¼ in. on Back, with Board and Brace Measure and Framing Table **$15.60**

Weight Per Dozen About 30 Pounds.
One-quarter Dozen in a Box.

SARGENT'S RAFTER



Royal Copper Finish, Absolutely Rust Proof.
All Figures in White.

Per Dozen

No. 500RC—24x2 in. Body, 16x1¾ in. Tongue, Graduated ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked Brace Measure, Patent Rafter Table..... **$29.00**

Blued Finish.
All Figures in White. Per Dozen

No. 500B—24x2 in. Body, 16x1¾ in. Tongue, Graduated ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked Brace Measure and Patent Rafter Table **$29.00**

Polished. Per Dozen

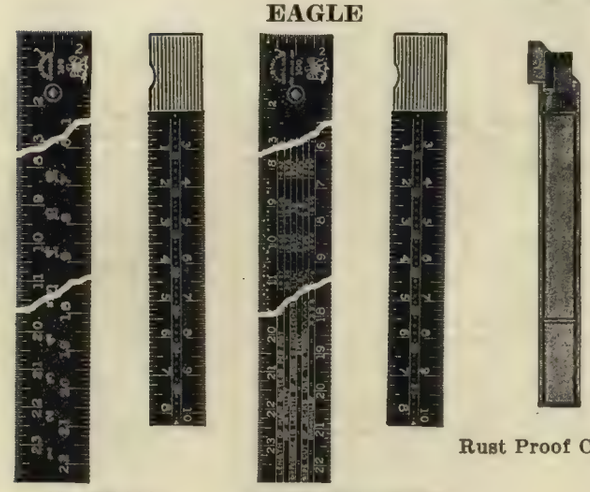
No. 3/S—24x2 in. Body, 16x1½ in. Tongue, Graduated ⅛ and ¼ in. on Face, 12 and ¼ in. on Back, Marked Brace Measure and Patent Rafter Table **$17.80**

The patent Rafter Table gives the measure of the rafter for any one of seven pitches of roof, based upon the length of the horizontal measurement of the building from the center to the outside. Full directions packed with each square.

Weight Per Dozen About 30 Pounds.
One-quarter Dozen in a Box.

Take-Down Steel Squares.

EAGLE



Rust Proof Case.

No. TD100. No. TD0100—Rafter.

STANDARD, Blued Finish, All Figures in White.

Per Dozen

No. TD100—24x2 in. Body, 16x1½ in. Tongue, Graduated in ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked with Board Measure, 8 Square and Brace Measure **$42.25**

RAFTER, Blued Finish, All Figures in White.

Per Dozen

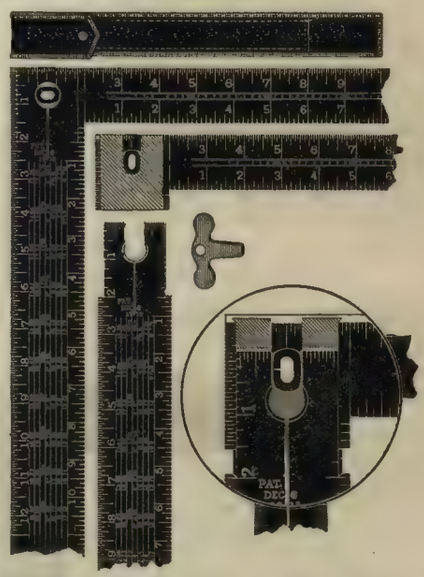
No. TD0100—24x2 in. Body, 16x1½ in. Tongue, Graduated ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked Board Measure, Brace Measure, 8 Square and Framing Table..... **$47.80**

Weight Per Dozen About 30 Pounds.

The Eagle Take Down Square has the latest improvement and is of the strongest possible construction. The Tongue is made of one solid piece, the body is also milled from the solid. The proportion of the two parts are such as to give the strongest possible joint. The cam is the only one ever offered that will firmly hold the Tongue into the Body. It being eccentric it pinches the two parts together. It is the only square hole locking device ever offered. The convenience and durability of this square hole, into which if the key should be lost, any square tool or file shank will successfully operate.

Oen-twelfth Dozen in a Canvas Rust Proof Case.

NICHOLL'S



STANDARD, Oxidized Copper Finish, White Figures.

Per Dozen

No. TD500S—24x2 in. Body, 16x1½ in. Tongue, Graduated in ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked with Board Measure, Octagon and Brace Measure..... **$38.50**

RAFTER, Oxidized Copper Finish, White Figures.

Per Dozen

No. TD500R—24x2 in. Body, 16x1½ in. Tongue, Graduated in ⅛ and ⅛ in. on Face, 32, 12 and 10 in. on Back, with 100 Scale, Marked Octagon and Brace Measure, and Regular Roof Framing Rule..... **$40.00**

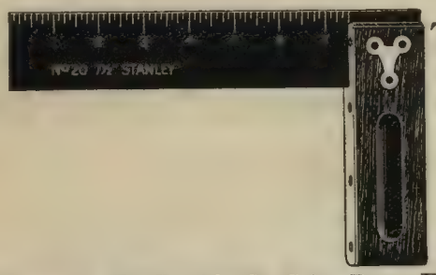
Weight Per Dozen About 30 Pounds.

These Squares are so constructed as to assure accuracy and at the same time take up the wear which comes in taking Squares apart and putting together. They are constructed with bearings accurately machined, so as to bring the Square absolutely true when the cam is turned so as to expand the end of the body in milled portion of tongue. The Squares are hand fit.

Has an oblong hole in cam allowing screw driver or nail to be used in releasing lock in case key is lost.

One-twelfth Dozen in a Canvas Rust Proof Case.

Try Squares.

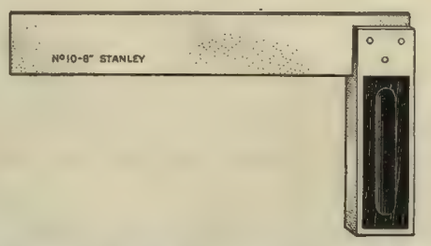


No. 20—Rosewood Handle, Handy Grip, Brass Face Plate, On Inside of Handle, Blued Steel Blade, Graduated in ⅛ inches, Square Inside and Out.

Blade, Inches	3	4½	5	6	7	7½
Handle, Inches	2⅞	3½	3½	4⅝	5⅜	5⅜
Ap. Wt. Dozen, Lbs.	1½	3¼	3½	4	5½	5¾
Per Dozen	$3.00	3.35	3.70	4.45	4.70	4.90

Blade, Inches	8	9	10	12	15	18
Handle, Inches	5⅜	6	6	7	8¼	9¾
Ap. Wt. Dozen, Lbs.	6¼	7¼	7½	9½	12¾	15½
Per Dozen	$5.10	6.35	6.90	8.35	10.55	14.45

One-half Dozen in a Box.

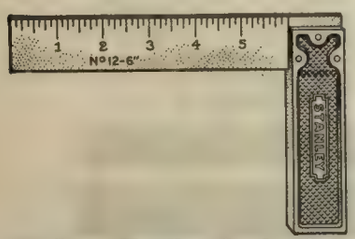


No. 10—Iron Frame Handle, Rosewood Inlaid Sides, Handy Grip, Nickel Plated High Grade Steel Blade, NOT Graduated, Square Inside and Out.

Blade, Inches	4	6	8	10
Handle, Inches	3	3⅝	5⅜	6½
Ap. Wt. Dozen, Lbs.	4½	7¼	11	15¾
Per Dozen	$9.45	12.25	15.25	21.10

One-half Dozen in a Box.

Try Squares.

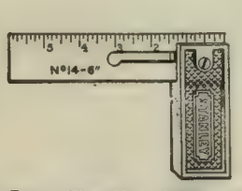


No. 12—Iron Handle, Steel Blades, Graduated in ⅛ in., Nickel Plated, Square Inside and Out.

Blade, Inches.	4	6	8	10
Handle, Inches	3⅛	4⅜	5⅛	6⅝
Ap. Wt. Dozen, Lbs.	3¾	4½	8¼	11¾
Per Dozen	$4.45	5.00	6.35	8.35

One-half Dozen in a Box.

Try Squares.

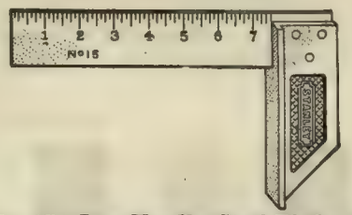


No. 14—Iron Handle, Adjustable Steel Blades, Graduated in ⅛ in., Nickel Plated, Square Inside and Out.

Blade, Inches	4	6
Handle, Inches	2¾	3⅝
Ap. Wt. Dozen, Lbs.	2¼	4⅛
Per Dozen	$5.60	6.60

One-half Dozen in a Box.

Mitre Try Squares.

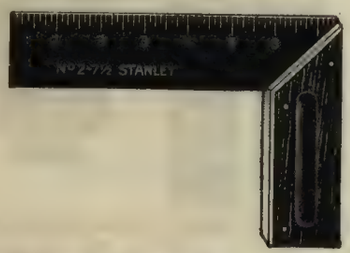


No. 15—Iron Handle, Steel Blade, Graduated in ⅛ in., Nickel Plated, Square Inside and Out.

Blade, Inches	7½
Handle, Inches	5¼
Ap. Wt. Per Dozen, Lbs.	8¼
Per Dozen	$11.10

One-half Dozen in a Box.

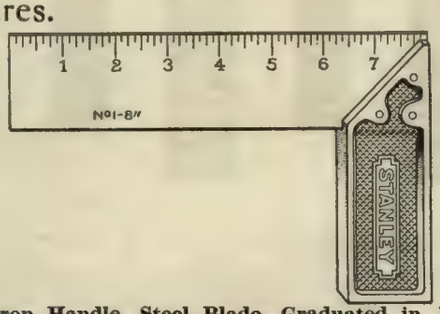
Try and Mitre Squares.



No. 2—Rosewood Handle, Handy Grip, Blued Steel Blade, Graduated in ⅛ in., Square Inside and Out.

Blade, Inches	6	7½	9	12
Handle, Inches	4	5	5¾	5¾
Ap. Wt. Dozen, Lbs.	4½	5¾	7½	9
Per Dozen	$6.45	7.45	9.10	11.55

One-half Dozen in a Box.



No. 1—Iron Handle, Steel Blade, Graduated in ⅛ in., Nickel Plated, Square Inside and Out.

Blade, Inches	6	8
Handle, Inches	4	5
Ap. Weight Per Dozen, Lbs.	5¾	8¾
Per Dozen	$8.00	9.70

One-half Dozen in a Box.

FOX'S ALL STEEL

All Steel, Polished and Nickel Plated.

No. 111—Try Square.

No. 111—Try Square.

Blade, Inches	3	4½	6	8	10
Handle, Inches	2¾	3¼	4¼	5½	5½
Ap. Weight Per Dozen, Lbs.	3	3½	4¼	7½	8
Per Dozen	$5.00	5.35	5.60	6.90	8.90

One-half Dozen in a Box.

No. 112—Mitre Square.

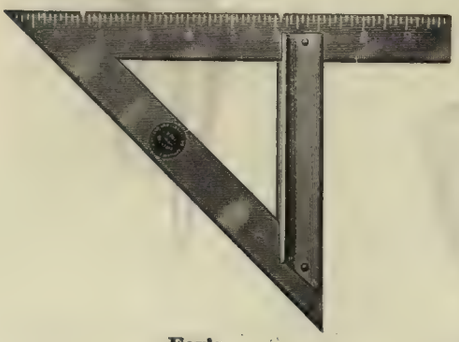
Blade, Inches	4½	6	8
Handle, Inches	3¼	4¼	5½
Ap. Weight Per Dozen, Lbs.	3	4	7½
Per Dozen	$5.60	7.75	8.90

One-half Dozen in a Box.

No. 112—Mitre Square.

Combination Squares.

COMBINED SQUARE AND MITRE



Fox's.

All Steel, Polished and Nickel Plated, Graduated in ⅛ in.

Per Dozen

No. 8—10 in. Long, Weight Per Dozen About 6 Lbs.....**$12.80**

One-half Dozen in a Box.

COMBINED SQUARE, MITRE AND BEVEL

Rollis'.

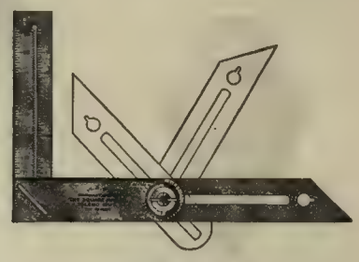
All Steel, Movable Base, Polished and Nickel Plated, Graduated in ⅛ in. on One Side, with a Scale on Reverse Side.

Per Dozen

No. 1—10 in. Long, Weight Per Dozen About 6 Lbs.....**$13.35**

One-half Dozen in a Box.

COMBINED SQUARE, PROTRACTOR AND MARKING GAUGE



M. A. D.

All Steel, Nickel Plated.

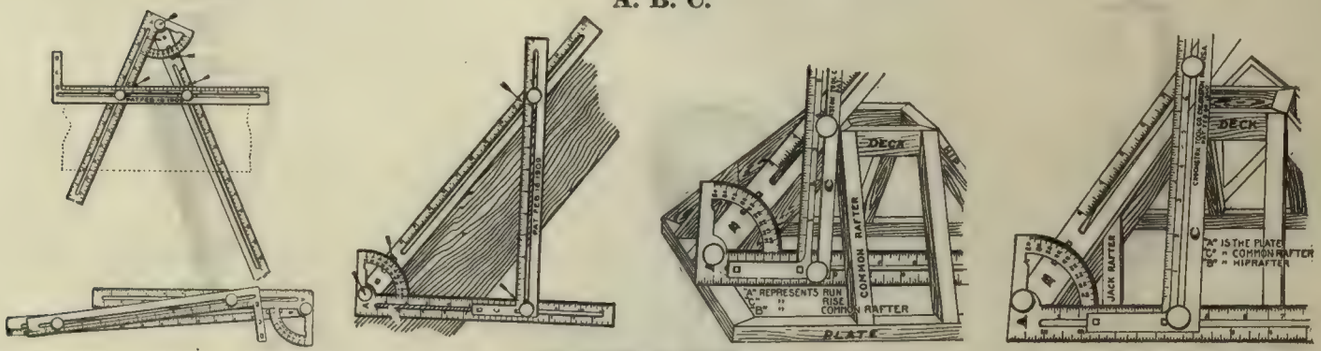
Per Dozen

No. 80—10 in. Long, Weight Per Dozen About 8 Lbs....**$22.25**

One-twelfth Dozen in a Box.

Protractor Squares.

A. B. C.



Bright Steel, Polished.

Per Dozen

No. A. B. C.—17 in. Long when Folded, Weight Per Dozen About 13 Lbs., Complete with Directions for Using.....**$40.00**

This Tool is an Adjustable Triangle combined with a degree circle. It is a combination of Five Tools in One but simpler than the common square and more accurate. Roof, Stairway and Polygon work is as simple as ABC when you use this tool. It gives rise, run, length of timbers, as well as bevel at both ends, and degrees. Carpenters, Manual Training Schools, Engineers and Contractors will buy it when they see it. Enough time saved in one day to more than pay for the tool.

One-twelfth Dozen in a Box.

Sliding T Bevels.

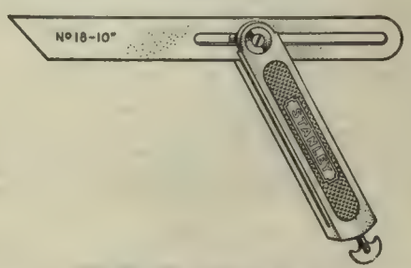
FOX'S

No. 114—All Steel, Polished and Nickel Plated, Movable Lever.

Blade, Inches	6	8
Handle, Inches	3⅞	5
Ap. Wt. Dozen, Lbs.	2½	3
Per Dozen	$5.60	6.00
Blade, Inches	10	12
Handle, Inches	6	7
Ap. Wt. Dozen, Lbs.	3½	4½
Per Dozen	$6.70	7.45

One-half Dozen in a Box.

STANLEY'S

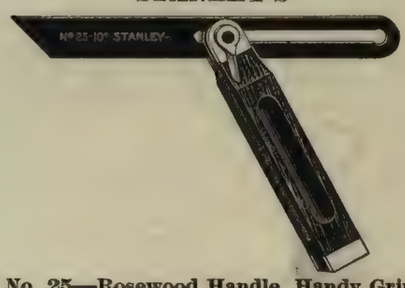


No. 18—Iron Handle, Steel Blade, Nickel Plated, Parallel Edges and Thumb Screw.

Blade, Inches	6	8	10
Handle, Inches	4¼	5⅛	6¼
Ap. Wt. Doz., Lbs.	4¾	5¾	7
Per Dozen	$8.35	10.55	11.55

One-half Dozen in a Box.

STANLEY'S



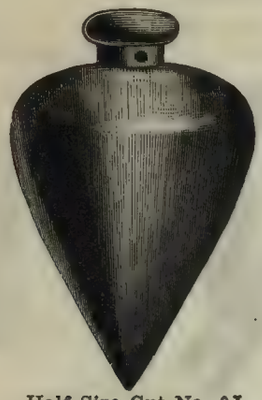
No. 25—Rosewood Handle, Handy Grip, Blued Steel Blade, Brass Lever.

Blade, Inches	6	8	10
Handle, Inches	4⅞	5⅞	7⅜
Ap. Wt. Dozen, Lbs.	2½	3½	4½
Per Dozen	$4.45	5.00	5.25
Blade, Inches		12	14
Handle, Inches		8½	10¼
Ap. Wt. Dozen, Lbs.		5¾	7
Per Dozen		$5.80	6.25

One-half Dozen in a Box.

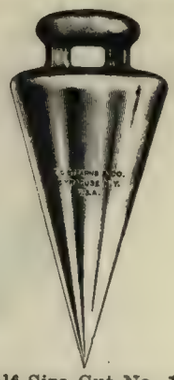
Plumb Bobs.

Half Size Cut No. 2J.



Half Size Cut No. 0J.

No. 3H.



Half Size Cut No. 12.

Iron, Japanned, Adjusted Top.

Nos.	2J	00J	0J
Wt. Each.	9½ oz.	1 lb. 2 oz.	2 lb. 10 oz.
Diam, In.	1¾	2	2¾
Per Dozen.	$1.35	2.25	5.60

No. 2J, One Dozen; No. 00J, One-half Dozen in a Box; No. 0J, Open Stock.

Lead, Steel Pointed.

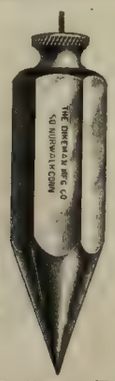
No.	3H
Weight Each, Oz.	12
Diameter, Inches.	1½
Per Dozen	$6.35

One-half Dozen in a Box.

Cast Iron, Nickel Plated and Polished, Sharp Point Giving Correct Adjustment.

Nos.	11	12
Weight Each, Oz.	5½	14⅔
Diameter, Inches.	1¼	1⅞
Per Dozen	$2.70	3.15

One Dozen in a Box.



Hexagon, Steel, Screw Top, Full Nickel Plated and Polished, Accurately Made Sharp Points Giving Correct Alignment.

Nos.	15	16	17
Weight Each, Oz.	6	8	13
Length Over All, In.	3⅛	3⅝	3¾
Diameter, Inches.	1	1	1⅛
Per Dozen.	$3.70	4.50	7.25

One Dozen in a Box.

Cast Brass, Steel Pointed, Adjustable Screw in Top.

Nos.	13	14
Weight Each.	2 lb.	3 lb. 4 oz.
Diameter, Inches.	2	2½
Per Dozen	$20.00	26.65

One-half Dozen in a Box.

Cast Brass, Hardened Steel Point, Adjustable Screw in Top.

No.	6S
Weight Each, Oz.	11½
Diameter, Inches	1½
Per Dozen	$11.10

One-half Dozen in a Box.

STANLEY'S ADJUSTABLE

With Reel and Line, Steel Point.

Each

No. 2S—Bronze Metal, Polished, 4 in. Long, 1⅜ in. Diameter, Weight Each ⅝ Lb. $2.70

No. 5S—Iron, Nickel Plated, 4½ in. Long, 1⅜ in. Diameter, Weight Each ⅞ Lb. 1.70

These Plumb Bobs are constructed with a reel at the upper end upon which the line may be kept. By dropping the bob with a slight jerk, while the ring is held in the hand, any desired length of line may be reeled off. A spring, which has its bearing on the reel, will check and hold the bob firmly at any point on the line. The pressure of the spring may be increased or decreased by means of the screw which passes through the reel.

One in a Box.

Nos. 2S and 5S.

LAMP'S MILLWRIGHT

Brass, Polished, Steel Point.

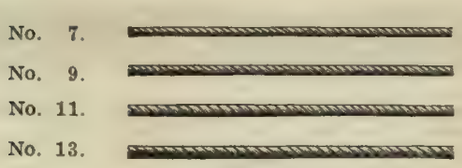
Nos.	00	0	½	1	2
Weight Each	⅝ lb.	1 lb.	1 lb. 6 oz.	2 lb.	2 lb. 4 oz.
Diameter, Inches	1⅝	1¾	2⅛	2⅜	2½
Each	$3.00	3.00	4.00	5.00	5.50

Nos.	3	4	5	6
Diameter, Inches	2⅝	2¾	2⅞	2
Weight Each	2 lb. 10 oz.	3 lb. 2 oz.	3 lb. 8 oz.	4 lb. 4 oz.
Each	$6.00	6.50	7.00	8.00

One in a Box.

Nos. 00 to 6

Chalk Lines.



Twisted Cotton.

In 20 ft. Hanks, 12 Hanks Connected.

Nos.	7	9	11	13
Ap. Weight Per Gross, Lbs.	3½	4	4½	5
Per Gross	$2.80	3.15	3.90	5.15

One-half Gross in a Box.

Silver Lake, Braided Cotton.

In 20 ft. Hanks, 12 Connected.

Nos.	0	1	2	3
Ap. Wt. Per Gross, Lbs.	2	3	3½	4
Per Gross	$10.80	11.60	12.50	13.35

One-half Gross in a Box.

Twisted Cotton.

	Per Gross
No. 130— 50 ft. Balls, Weight Per Gross About 11 Lbs.	$ 9.45
No. 230—100 ft. Balls, Weight Per Gross About 19 Lbs.	18.90

One-twelfth Gross in a Box.

Masons' Lines.

Twisted Cotton.

In 100 ft. Hanks.

	Per Dozen
No. 211—White, Weight Per Dozen About 2 Lbs.	$1.80
No. 211—Yellow, Hard Twist, Weight Per Dozen About 2 Lbs.	1.80

One Dozen in a Box.

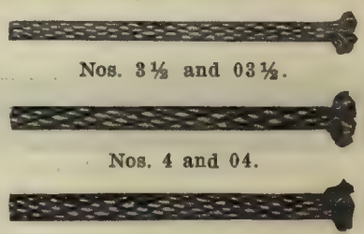
Silver Lake, Braided Cotton.

In 100 ft. Hanks.

	Per Dozen
No. 02—Weight Per Dozen About 2¼ Lbs.	$5.20
No. 03—Weight Per Dozen About 2½ Lbs.	5.60

One Dozen in a Box.

Small Braided Lines.



White Cotton, Unbleached.

In 48 ft. Hanks, Several Connected.

Nos.	3½	4	4½
Ap. Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	$2.85	3.80	4.75

One Dozen in a Box.

Linen.

In 48 ft. Hanks, Several Connected.

Nos.	03½	04	04½
Ap. Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	$6.40	8.25	11.35

One Dozen in a Box.

Carpenters' Chalk.

Prepared.

	Per Gross
White—Oval Shape	$1.12
Red—Oval Shape	1.35
Blue—Oval Shape	1.35

Weight Per Gross About 16 Pounds.

One-half Gross in a Box.

School Crayons.

	Per Gross
White School Crayon—Weight Per Gross About 2½ Lbs.	$0.23

One Gross in a Box.

Railroad Crayons.

Enameled Hardened Surface, 4x1 in. Sticks.

	Per Gross
No. 10—White	$1.12
No. 15—Red	1.56
No. 20—Blue	1.56

Weight Per Gross About 12½ Pounds.

One Gross in a Box.

Lump Chalk.

	Per Pound
White Chalk—In Lumps, About 300 Lbs. in a Barrel	$0.03½

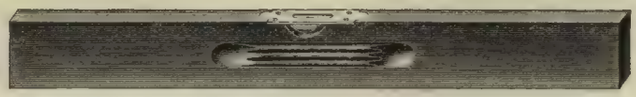
Levels.

Cherry Wood, Stained, Nickel Plated Top Plate, Two Side Views.

Per Dozen

No. 150—Length 12 in. **$2.50**

Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box.



Well Seasoned Hardwood, Special Finish, Arch Top Plate, Polished, Two Side Views, NOT Adjustable.

Per Dozen

No. 1—Assorted 10 to 16 in., Weight Per Dozen About 30 Lbs. **$6.90**

No. 3—Assorted 18 to 24 in., Weight Per Dozen About 32 Lbs. **8.70**

One-half Dozen Assorted in a Box.

Plumb and Levels.

Well Seasoned Hardwood, Special Finish, Arch Top Plate, Two Side Views, NOT Adjustable.

Per Dozen

No. 9—Assorted 24 to 30 in. **$13.10**

Weight Per Dozen About 36 Pounds.
One-half Dozen Assorted in a Box.

No. 15.

Well Seasoned Hardwood, Special Finish Arch Top Plate, Two Side Views, Polished, ADJUSTABLE.

Per Dozen

No. 90D—Assorted 24 to 30 in., Weight Per Dozen About 36 Lbs. **$16.10**

No. 15 —With Brass Lipped Side Views, Assorted 26 to 30 in., Weight Per Dozen 36 Lbs. **18.90**

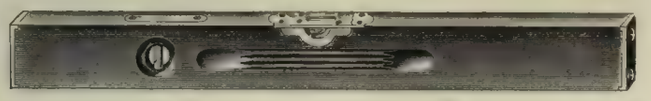
One-half Dozen in a Box.

Well Seasoned Hardwood, Special Finish, Arch Top Plates, Two Side Views, Solid Brass Ends, Polished, ADJUSTABLE.

Per Dozen

No. 16—Assorted 26 to 30 in. **$21.10**

Weight Per Dozen About 38 Pounds.
One-half Dozen Assorted in a Box.



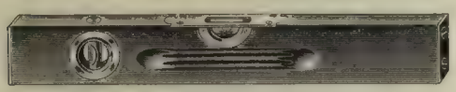
No. 22.

Arch Top Plate, Two Brass Lipped Side Views, Solid Brass Ends, Polished, Adjustable. Per Dozen

No. 17—Well Seasoned Hardwood, Special Finish, Assorted 26 to 30 in., Weight Per Dozen About 36 Lbs. **$23.55**

No. 22—Triple Stock. Assorted 26 to 30 in., Weight Per Dozen About 38 Lbs. **26.65**

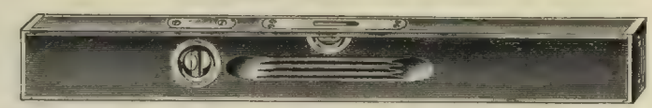
One-half Dozen Assorted in a Box.



Solid Cherry Stock, Natural Finish, Brass Top Plate, Two Brass Lipped Side Views, Two Brass Lipped Plumb Views, Solid Brass Ends, Proved Glasses, Level Adjustable, Plumb Not Adjustable. Per Dozen

No. 27—Assorted 12 to 18 in. **$19.45**

Weight Per Dozen About 30 Pounds.
One-half Dozen Assorted in a Box.

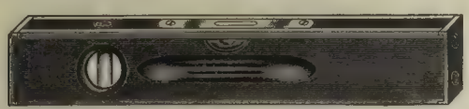


Mahogany, Full Brass Bound, Brass Top Plate, Two Brass Lipped Side Views, Solid Brass Ends, Adjustable.

Per Dozen

No. 55—Assorted 24 to 36 in. **$68.40**

Weight Per Dozen About 50 Pounds.
One-twelfth Dozen in a Box.



No. 60—Mahogany, Well Seasoned, Natural Finish, Full Brass Bound, Brass Top Plate, Two Side Views, Solid Brass Ends, Polished, All Lengths 1 in. Thick and 2 in. Wide, Not Adjustable.

Length, Inches	12	18	24
Ap. Wt. Per Dozen, Lbs.	32	36	40
Per Dozen	$30.00	36.00	41.10

One-twelfth Dozen in a Box.

No. 65—Cherry, Well Seasoned, Natural Finish, Full Brass Bound, Brass Top Plate, Two Side Views, Solid Brass Ends, Polished, All Lengths, 1 in. Thick and 2 in. Wide, Not Adjustable.

Length, Inches	12	18	24
Ap. Wt. Per Dozen, Lbs.	36	40	44
Per Dozen	$24.00	27.80	31.70

One-twelfth Dozen in a Box.

Solid Cherry Stock, Stained, Arch Top Plate, Two Side Views, DOUBLE PLUMB, Polished, NOT Adjustable.

Per Dozen

No. 9DP—Assorted 24 to 30 in. **$16.35**

Weight Per Dozen About 38 Pounds.
One-half Dozen Assorted in a Box.

Solid Cherry Stock, Stained Arch Top Plate, Two Side Views, Solid Brass Ends, Polished, DOUBLE PLUMB, Adjustable.

Per Dozen

No. 16DP—Assorted 26 to 30 in. **$27.60**

Weight Per Dozen About 40 Pounds.
One-half Dozen Assorted in a Box.

Plumbs and Levels.

No. 104.
Hardwood, Square Top Plates, NOT Adjustable.
Per Dozen
No. 104—Assorted 12 to 18 in..**$8.90**

Weight Per Dozen About 15 Pounds.
One Dozen in a Box.

No. 104½.
Hardwood Square Top Plate, Brass Tips and Polished, NOT Adjustable.
Per Dozen
No. 104½—Assorted 12 to 18 in. **$12.80**

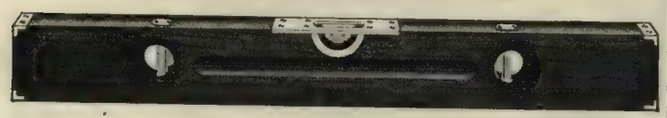
Weight Per Dozen About 18 Pounds.
One Dozen in a Box.

No. 20.
HANDY, Hardwood Square Top Plate, Polished, NOT Adjustable.
Per Dozen
No. 20—Assorted 24 to 30 in..**$13.65**

Weight Per Dozen About 40 Pounds.
One-half Dozen in a Box.

No. 016.
HANDY, Hardwood Square Top Plate, Adjustable Proved Glasses. Per Dozen
No. 11X—Assorted 24 to 30 in., Weight Per Dozen About 35 Lbs.....**$16.25**
No. 016—With Brass Tips, Assorted 24 to 30 in., Weight Per Dozen About 44 Lbs..... **21.55**
One-half Dozen Assorted in a Box.

HANDY, Hardwood, Square Top Plate, Brass Tipped, TWO PLUMBS, Adjustable Proved Glasses. Per Dozen
No. 13—Assorted 24 to 30 in.....**$28.30**
Weight Per Dozen About 39 Pounds.
One-twelfth Dozen in a Box.



HANDY, Rosewood, Square Top Plate, Brass Tips, Brass Lips, TWO PLUMBS, Adjustable, Proved Glasses.
Per Dozen
No. 111—Assorted 24 to 30 in.....**$57.20**
Weight Per Dozen About 54 Pounds.
One-twelfth Dozen in a Box.

HANDY, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Adjustable, Proved Glasses.
Per Dozen
No. 93—Assorted 24 to 30 in.....**$59.40**
Weight Per Dozen About 38 Pounds.
One-twelfth Dozen in a Box.

HANDY, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Brass Lips, Adjustable, Ground Glasses. Per Dozen
No. 90—Assorted 24 to 30 in.....**$50.00**
Weight Per Dozen About 41 Pounds.
One-twelfth Dozen in a Box.

No. 1193—Handy, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, **Two Plumbs,** Adjustable, Proved Glasses.

Length, Inches	18	24	26	28	30
Ap. Wt. Each, Lbs.	1½	2	2⅛	2¼	2⅜
Per Dozen	$47.20	55.60	58.30	61.10	63.25

One in a Box.

HANDY, Mahogany, Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Brass Lips, Adjustable, Ground Glasses.
Per Dozen
No. 95—Assorted 24 to 30 in.....**$73.25**
Weight Per Dozen About 39 Pounds.
One-twelfth Dozen in a Box.

HANDY, Rosewood (5 Piece), Polished, Brass Bound, Square Top Plate, Solid Brass Ends, Brass Lips, Adjustable, Ground Glasses. Per Dozen
No. 96—Assorted 24 to 30 in.....**$103.25**
Weight Per Dozen About 54 Pounds.
One-twelfth Dozen in a Box.

STANLEY'S DUPLEX ADJUSTABLE

No. 25.

No. 30.

Mahogany, Square Top Plate, Brass Tips, Brass Lips, Improved Duplex Side Views. Per Dozen
No. 25—Assorted 24 to 30 in., Weight Per Dozen About 44 Lbs. **$36.10**
One-half Dozen in a Box.

Hardwood, Square Top Plate, Brass Tips, Improved, Improved Duplex Side Views. Per Dozen
No. 30—Assorted 24 to 30 in., Weight Per Dozen About 48 Lbs. **$27.20**
One-half Dozen in a Box.

Hardwood, Triple Stock, Square Top Plate, Brass Tips, Brass Lips, Improved Duplex Side Views. Per Dozen
No. 50—Assorted 24 to 30 in., Weight Per Dozen About 48 Lbs. **$32.75**
One-half Dozen in a Box.

Stanley's Duplex Levels can be read conveniently, even if held at arm's length above the head. They have three glasses: A level glass set in the top in the usual way, a plumb glass and a second level glass set in the side. These latter two glasses are set close to one surface of the stock so that the angle of vision of the bubble is greatly increased. The second level glass can be readily reversed to form a second plumb, if desired.

Plumbs and Levels.

MACHINISTS' ADJUSTABLE

STANLEY'S

No. 98—Rosewood, Polished, Brass Bound, Square Top Plate, Solid Brass Tips, Brass Lips, Adjustable Ground Glasses.

Length, Inches	12
Ap. Weight Per Dozen, Lbs	26
Per Dozen	$50.00

One-twelfth Dozen in a Box.

STRATTON'S

No. 10—Rosewood, Thoroughly Seasoned and Polished, Brass Bound, Square Top Plate, Solid Brass Tips, Brass Side Views, Adjustable, Ground Glasses.

Length, Inches	8	10	12
Weight Each, Lbs	¾	⅞	1⅛
Each	$3.35	4.00	4.50

One in a Box.

STRATTON'S CARPENTERS' AND MACHINISTS'

No. 1A—Stock, Four Pieces Selected Rosewood Around Solid Mahogany Core, Thoroughly Seasoned, Full Brass Bound, Square Top Plate, Ornamental Brass Lipped Side View, Brass End Plates, Adjustable, Ground Glasses.

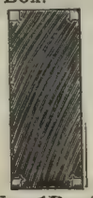
Length, Inches	24	26	28	30
Weight Each Lbs	3½	3¾	4	4¼
Each	$11.65	12.25	12.80	13.35

One in a Box.

No. 1B—Solid Mahogany, Thoroughly Seasoned, Full Brass Bound, Square Top Plate, Ornamental Brass Lipped Side Views, Brass End Plates, **Double Plumb**, Adjustable, Selected Plain Glasses.

Length, Inches	24	26	28	30
Weight Each, Lbs	2¾	3	3¼	3½
Each	$8.15	8.35	8.60	9.00

One in a Box.



No. 1D—Solid Mahogany, Thoroughly Seasoned, Full Brass Bound, Square Top Plate, Brass End Plates, Low Cut Side Views, Adjustable, Selected Plain Glasses.

Length, Inches	26	28	30
Weight Each, Lbs	3	3¼	3½
Each	$6.00	6.25	6.45

One in a Box.

Masons' Plumbs and Levels.

STANLEY'S

No. 35.

No. 45½.

Soft Wood, Square Top Plate, Adjustable Proved Level Glasses.

Per Dozen

No. 35—42 in. Long, 1⅜x3⅝ in. Stock, **with One Non-Adjustable Plumb** and One Opening for use of Plumb Bob and Line, Weight Per Dozen 64 Lbs. $26.65

No. 45½—48 in. Long, 1 7/16x3¾ in. Stock, **with Two Adjustable Plumbs** and Two Openings, for use of Plumb Bob and Line, Weight Per Dozen About 60 Lbs. 44.50

No. 45—48 in. Long, 1⅜x4 1/16 in. Stock, **with Brass Lips, Two Adjustable Plumbs** and Two Openings, for use of Plumb Bob and Line, Weight Per Dozen About 80 Lbs. 48.30

One-half Dozen in a Box.

DISSTON'S

Well Seasoned Stock, Polished, Double Construction, Two Grips, Four Proved Plumb Glasses, Two Proved Level Glasses, Adjustable.

Per Dozen

No. 101—48 in. Long, 1⅞ in. Stock, Weight Per Dozen About 84 Lbs. $57.75

No. 101.

This Level being of double construction, no matter how it may be picked up, is always in position for use, while the duplicate plumb glasses, one at top and the other just below the center both reading the same, add to its convenience. For low work the upper glass is read, and for overhead work the lower glass is in range.

One-twelfth Dozen in a Box.

Levels.

O. K.

Hardwood, Mahogany Finish, Adjustable Tested Glasses.

	Per Dozen
No. X7—Assorted 10 to 20 in.	**$8.35**

Weight Per Dozen About 16 Pounds.

One-twelfth Dozen in a Box.

Plumbs and Levels.

O. K.

No. X5.

Hardwood, Mahogany Finish, Adjustable Tested Glasses.

	Per Dozen
No. X6—Assorted 22 to 28 in., Weight Per Dozen About 30 Lbs.	**$13.35**
No. X5—**With Brass End Plates**, Assorted 22 to 26 in., Weight Per Dozen 32 Lbs.	**16.65**

One-twelfth Dozen in a Box.

Plumbs and Levels.

O. K.

No. X3.

Hardwood, Mahogany Finish, Brass Side and Plumb Views, Brass End Plates, Adjustable Tested Glasses.

	Per Dozen
No. X4—Assorted 24 to 30 in., Weight Per Dozen 36 Lbs.	**$26.65**
No. X3—**Seven Piece Stock**, Assorted 24 to 30 in., Weight Per Dozen About 36 Lbs.	**33.35**

One-twelfth Dozen in a Box.

No. X1.

Hardwood, Mahogany Finish, Brass Side and Plumb Views, Three Dials, One Each for Level, Plumb and for Adjusting Grade or Inclinations, Brass End Plates, Adjustable Tested Glasses.

	Per Dozen
No. X2—Assorted 28 to 30 in., Weight Per Dozen 36 Lbs.	**$36.65**
No. X1—**Seven Piece Stock**, Assorted 28 and 30 in., Weight Per Dozen About 36 Lbs.	**40.00**

One-twelfth Dozen in a Box.

MASONS', O. K.

No. X9.

Spruce, Mahogany Finish, Brass Side and Plumb Views, Two Spirit Plumbs and One Spirit Level, Brass End Plates, Adjustable Tested Glasses.

	Per Dozen
No. X8—48 in. Long, 1⅛x3½ in. Stock, Weight Per Dozen About 42 Lbs.	**$40.00**

One-twelfth Dozen in a Box.

Spruce, Mahogany Finish, Brass Side and Plumb Views, Two Spirit Plumbs, One Spirit Level, with Plumb Bob and Line Enclosed in Stock, Opening for Plumb Bob, Enclosed with Heavy Transparent Celluloid Plates, Brass End Plates.

	Per Dozen
No. X9—48 in. Long, 1¼x3½ in. Stock, Weight Per Dozen 44 Lbs.	**$55.60**

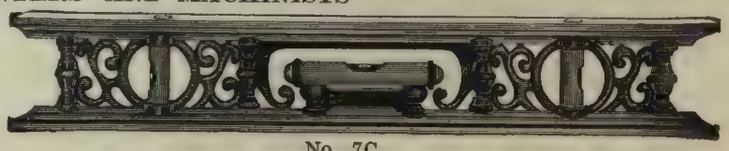
One-twelfth Dozen in a Box.

The vials in all the O. K. Levels are provided with a new adjustment. They can easily be placed in any position and securely fastened by the two small screws which connect with a steel nut that is fastened to the stock beneath the vial ring and a slight pressure with a small screw driver releases or fastens the vial ring. It is metal to metal and is entirely reliable.

DAVIS' PATENT

CARPENTERS' AND MACHINISTS'

No. 6C.



No. 7C.

Cast Iron, Japanned, and Polished, Double Plumb and Level, Adjustable, Plain Glass.

Nos.	6C	7C	8C	9C
Length, Inches	6	12	18	24
Approx. Weight Per Dozen, Lbs.	12	24	36	48
Per Dozen	$37.35	42.15	46.80	56.20

One-twelfth Dozen in a Box.

Combined Plumb, Level and Inclinometer.

DAVIS' PATENT MACHINISTS' AND CARPENTERS'

Cast Iron Frame, Japanned and Polished Plumb and Level with Inclinometer, Adjustable, Plain Glasses.

	Per Dozen
No. 49C—24 in. Long, Weight Per Dozen About 48 Lbs.	**$93.60**

One-twelfth Dozen in a Box.

Inclinometer Levels.

DAVIS' PATENT MACHINISTS'

No. 1M.

No. 2M.

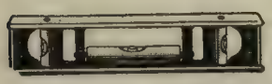
Cast Iron, Japanned and Polished, Brass Center Cylinder, with Inclinometer, Graduations and Indicator, Adjustable.

Nos.	1M	2M	3M	4M
Length, Inches	7	12	18	24
Weight Each, Lbs.	20	36	48	60
Per Dozen	$45.30	56.60	67.95	79.25

One-twelfth Dozen in a Box.

Plumbs and Levels.

STANLEY'S



No. 36—Style of 9 inch.

No. 36—Style of 12, 18 and 24 inch.

No. 36—Cast Iron Frame, Japanned, Nickel Plated Trimmings, Two Plumbs, Adjustable, Proved Glasses, Flat Bottom.

Length, Inches	6	9	12	18	24
Ap. Wt. Dozen, Lbs.	10½	15	22	36	51
Per Dozen	$18.45	22.65	27.25	31.90	36.65

One-twelfth Dozen in a Box.

No. 36G—Cast Iron Frame, Japanned, Nickel Plated Trimmings, Two Plumbs, Adjustable, Proved Glasses, V Shaped Bottom.

Length, Inches	6	9	12	18	24
Ap. Wt. Dozen, Lbs.	10½	15	22	36	51
Per Dozen	$18.45	22.65	27.25	31.90	36.65

One-twelfth Dozen in a Box.

No. 37—Style of 9 in.

No. 37—Style of 12, 18 and 24 in.

No. 37—Cast Iron Frame, Nickel Plated, Two Plumbs, Eclipse Case Cover, Adjustable, Ground Glasses, Flat Bottom.

Length, Inches	6	9	12	18	24
Ap. Wt. Dozen, Lbs.	10½	15	22	36	51
Per Dozen	$30.00	35.55	41.10	48.85	56.60

One-twelfth Dozen in a Box.

No. 37G—Cast Frame, Nickel Plated, Two Plumbs, Eclipse Cast Cover, Adjustable, Ground Glasses, V Shape Bottom.

Length, Inches	6	9	12	18	24
Ap. Wt. Dozen, Lbs.	10½	15	22	36	51
Per Dozen	$30.00	35.55	41.10	48.85	56.60

One-twelfth Dozen in a Box.

No. 34—Eclipse, Iron Frame, Nickel Plated, Eclipse Case Cover, Adjustable, Ground Glasses, Flat Bottom.

Length, Inches	4
Approx. Weight Per Dozen, Lbs.	4½
Per Dozen	$16.65

One-twelfth Dozen in a Box.

No. 34V—Eclipse, Iron Frame, Nickel Plated, Eclipse Case Cover, Adjustable, Ground Glasses, V Shaped Bot-Bottom, for Leveling Shafts, Etc.

Length, Inches	6	8	10
Ap. Weight Per Dozen, Lbs.	9	14	21
Per Dozen	$20.75	27.80	31.65

One-twelfth Dozen in a Box.

MACHINISTS', Iron Frame, Brass Top Screwed On, Nickel Plated, Proved Glasses.

Per Dozen

No. 38½—4 in. Long, Weight Per Dozen 3¼ Lbs. . . $7.50

One-half Dozen in a Box.

MACHINISTS', Iron Frame, Brass Top Screwed On, Nickel Plated, Proved Glasses.

Per Dozen

No. 39½—6 in. Long, Weight Per Dozen About 7 Lbs. $8.55

One-half Dozen in a Box.

Pocket Levels.

Iron Body, Japanned, Brass Top Plate, Steel Set Screw.

Per Dozen

No. 46—3 in. Long, Weight Per Dozen 2½ Lbs. **$3.15**

This Level can be attached to any Straight Edge or Carpenter's Square.

One Dozen in a Box.

Iron Body, Japanned, Steel, Steel Screw.

Per Dozen

No. 40—3¼ in. Body, Japanned Iron Top Plate, Weight Per Dozen About 1⅝ Lbs. **$2.00**

No. 41—3¼ in. Body, Brass Top Plate, Weight Per Dozen About 1⅝ Lbs. **$2.25**

The above Levels can be readily attached to any Straight Edge or Carpenter's Square.

One Dozen in a Box.

No. 31—Hexagon Steel Case, Nickel Plated, Proved Glasses.

Length, Inches ..	2	3	4
Ap. Wt. Doz., Lbs.	½	1	1½
Per Dozen	$5.00	6.10	8.90

These Levels are very handy for leveling up clocks, cameras, etc.

One-half Dozen in a Box.

Line Levels.

STEVENS'

No. 200.

Aluminum Tube, Spring German Silver End Pieces and Hooks in One Piece, Proved Glasses.

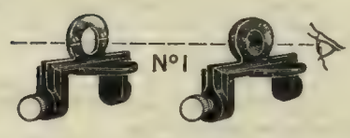
Per Dozen

No. 200—3 in. Long, Weight Per Dozen About ½ Lb. **$8.90**

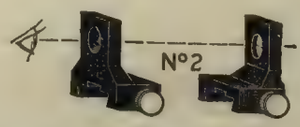
The End Pieces are attached to Tube by German Silver Rivets that pass through the Tube and through the Lugs at top and bottom between the hooks and center of Level thus preventing the hooks from pulling out of alignment in case of severe strain or rough usage.

One Dozen in a Box.

Level Sights.



No. 1—Attached to Level.



Adjustable, Cast Iron, Japanned.

Per Dozen Pairs

No. 1—Width of Clamp 1⅜ in., for Wood Level, Weight Per Dozen Pairs About 3 Lbs. **$12.25**

Adjustable, Cast Iron, Japanned.

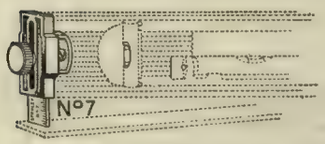
Per Dozen Pairs

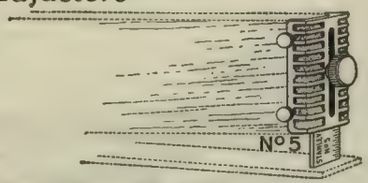
No. 2—Width of Clamp ¾ in., for Iron Levels, Weight Per Dozen Pairs About 3 Lbs. **$12.25**

By the use of these ingenious devices, which can be attached to any Level, the owner has a convenient and accurate means for leveling, from one given point to another at a long distance away. When not in use the Level Sights are easily detached, and can be packed away in a small space for future use.

One-twelfth Dozen Pairs in a Box.

Pitch Adjusters





Cast Iron, Nickel Plated, Adjustable Slide.

Per Dozen

No. 7—Length 2¼ in., **for Iron Levels**, Weight Per Dozen About 7½ Lbs. **$17.20**

No. 5—Length 3 in, **for Wood Level**, Weight Per Dozen About 4½ Lbs. **17.20**

These can be readily attached to any Iron or Wood Level and securely fastened in place by means of a thumb-screw.

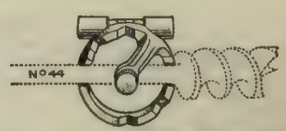
One edge of slide is graduated and a reading to determine pitch is taken from bottom of slide to bottom of frame.

The graduation on the scale is for $\frac{1}{16}$ in. pitch per foot. To obtain this pitch with an 18 in. Level, the scale should be set to $\frac{3}{32}$ in.; on the 24 in., to $\frac{1}{8}$ in.; on the 30 in., to $\frac{5}{32}$ in., and so on. The maximum pitch is 1½ in. per foot.

On any irregular length, a straight edge and rule may be used to lay out and adjust the slide for the pitch wanted.

One-twelfth Dozen in a Box.

Bit and Square Levels.



Brass Frame and Set Screw.

Per Dozen

No. 44—Width 1½ in., Weight Per Dozen About 2 Lbs. **$5.60**

This Tool has three pairs of V slots on its back edges. The shank of a Bit will lie in these slots, either vertical or at an angle of 45 degrees, and boring can be done with perfect accuracy. It can also be attached to a Carpenter's square, making it an accurate Plumb or Level.

One-twelfth Dozen in a Box.

Level Glasses.

STANLEY'S PROVED

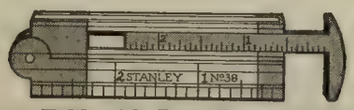
Length, Inches	1	1¼	1½	1¾	2	2½	3	3½	4	Assorted 1¾, 3, 3½
Per Dozen	$0.90	.90	1.00	1.12	1.16	1.25	1.35	1.45	1.56	1.35

Made of extra thick tubing. By a patented process, each Level Glass is marked at its highest, or crowning point, by two indelible lines; and each Plumb Glass with a single line. The owner can thus easily set the glass accurately in its proper position.

Weight Per Dozen About ¼ Pound.

One Dozen in a Box.

Ivory Rules.

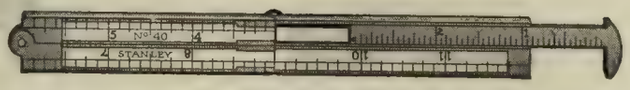


Six Inch, Two Fold with Left Hand Graduated Caliper.

Per Dozen

No. 38—Square Joint, German Silver Trimmings, Marked 8ths, 10ths, 12ths and 16ths of Inches, ⅞ in. Wide, Weight Per Dozen ¾ Lbs. **$22.25**

One-twelfth Dozen in a Leather Case, One-half Dozen in a Box.



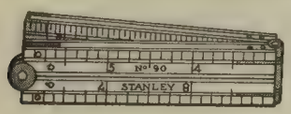
One Foot, Four Fold, with Left Hand Graduated Caliper.

Per Dozen

No. 40—Square Joint, Full Bound, German Silver Trimmings, Marked in 8ths and 16ths of Inches, ⅝ in. Wide..... **$64.40**

Weight Per Dozen About 1¾ Pounds.

One-twelfth Dozen in a Leather Case, One-half Dozen in a Box.



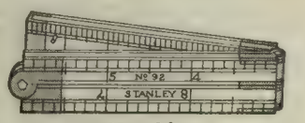
One Foot, Four Fold.

Per Dozen

No. 90—Round Joint, Middle Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ½ in. Wide **$15.55**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.



No. 92.

One Foot, Four Fold.

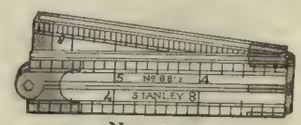
Per Dozen

No. 92—Square Joint Edge Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in. Wide **$21.10**

No. 92½—Square Joint, Middle Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in. Wide **25.00**

Weight Per Dozen About 1 Pound.

One-half Dozen in a Box.



No. 88½.

One Foot, Four Fold.

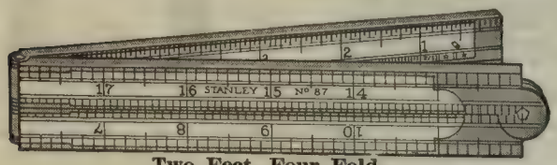
Per Dozen

No. 88½—Arch Joint, Edge Plates, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in. Wide **$31.10**

No. 88—Arch Joint, Full Bound, German Silver Trimmings, Marked 8ths and 16ths of Inches, ⅝ in. Wide..... **46.65**

Weight Per Dozen About 1 Pound.

One-twelfth Dozen in a Leatherette Case, One-half Dozen in a Box.



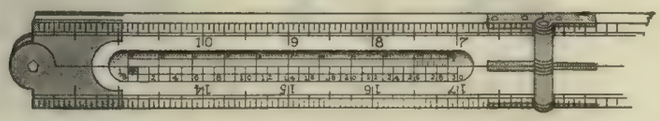
Two Feet, Four Fold.

Per Dozen

No. 87—Arch Joint, Full Bound, German Silver Trimmings, Marked 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..**$115.45**

Weight Per Dozen About 2½ Pounds.

One-twelfth Dozen in Leather Case, One-half Dozen in a Box.



Two Feet, Four Fold.

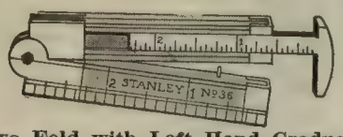
Per Dozen

No. 86½—Arch Joint, Edge Plates, German Silver Trimmings, Marked 8ths, 10ths, 12ths and 16ths of Inches, with Inside Beveled Edges Divided into Drafting Scale, 1 in. Wide..**$138.20**

Weight Per Dozen About 2½ Pounds.

One-twelfth Dozen in Leather Case, One-half Dozen in a Box.

Boxwood Rules.



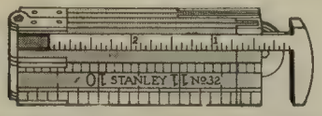
Six Inch, Two Fold with Left Hand Graduated Caliper.

Per Dozen

No. 36—Square Joint, Marked 8ths, 10ths, 12ths and 16ths of Inches, Caliper Graduated in 16ths of Inches, ⅞ in. Wide..... **$4.25**

Weight Per Dozen About 1 Pound.

One-half Dozen in a Box.



One Foot, Four Fold with Caliper. Per Dozen

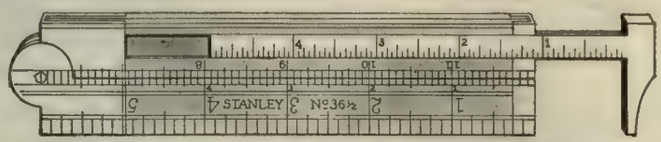
No. 32 —Arch Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated in 16ths of Inches, 1 in. Wide **$6.45**

No. 32R —Same as No. 32, but with **Right Hand Caliper** **7.00**

No. 32½—Arch Joint, Full Bound, Marked 8ths, 10ths, 12ths and 16ths of Inches, Left Hand Caliper Graduated in 16ths of Inches, 1 in. Wide **8.90**

Weight Per Dozen About 1¼ Pounds.

One-half Dozen in a Box.



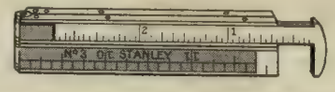
One Foot, Two Fold, with Left Hand Graduated Caliper.

Per Dozen

No. 36½—Square Joint, Marked 8ths, 10ths, 12ths and 16ths of Inches, Caliper Graduated in 16ths of Inches, 1⅝ in. Wide..... **$6.10**

Weight Per Dozen About 1¾ Pounds.

One-half Dozen in a Box.



One Foot, Four Fold with Left Hand Graduated Caliper.

Per Dozen

No. 3—Square Joint, Full Bound, Marked 8ths and 16ths of Inches, Caliper Graduated in 16ths of Inches, 1 in. Wide..... **$10.00**

Weight Per Dozen About 1¼ Pounds.

One-half Dozen in a Box.

Boxwood Rules.

One Foot, Four Fold.

Per Dozen

No. 69—Round Joint, Middle Plates, Marked in 8ths and 16ths of Inches, ⅝ in. Wide. **$1.70**

Weight Per Dozen About ¾ Pound.

One Dozen in a Box.

One Foot, Four Fold.

Per Dozen

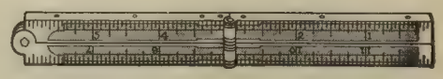
No. 65—Square Joint, Middle Plates, Marked 8ths and 16ths of Inches, ⅝ in. Wide. **$1.90**

No. 64 — Square Joint, Edge Plates, Marked 8ths and 16ths of Inches, ⅝ in. Wide..... **2.55**

No. 65½ — Square Joint, Full Bound, Marked 8ths and 16ths of Inches, ⅝ in. Wide. **5.00**

Weight Per Dozen About ¾ Pound.

One-half Dozen in a Box.



One Foot, Four Fold.

Per Dozen

No. 55 — Arch Joint, Middle Plates, Marked 8ths and 16ths of Inches, ⅝ in. Wide. **$2.45**

No. 56—Arch Joint, Edge Plates, Marked 8ths and 16ths of Inches, ⅝ in. Wide..... **3.35**

No. 57—Arch Joint, Full Bound, Marked 8ths and 16ths of Inches, ⅝ in. Wide..... **5.70**

Weight Per Dozen About 1 Lb.

One-half Dozen in a Box.

Two Feet, Four Fold. Per Dozen

No. 68—Round Joint, Middle Plates, Marked 8ths and 16ths of Inches, 1 in. Wide..... **$2.10**

No. 61—Square Joint, Middle Plates, Marked 8ths and 16ths of Inches, 1 in. Wide..... **2.70**

Weight Per Dozen About 1½ Pounds.

No. 68, One Dozen; No. 61, One-half Dozen in a Box.

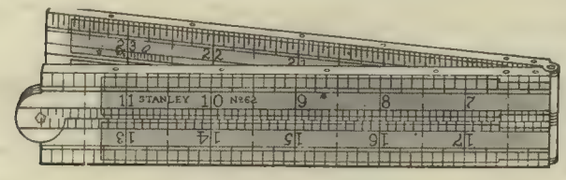
Two Feet, Four Fold. Per Dozen

No. 63 —Square Joint, Edge Plates, Marked 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..... **$3.60**

No. 63½—Square Joint, Edge Plates, Marked 8ths, 10ths and 16ths of Inches, ¾ in. Wide... **3.90**

Weight Per Dozen About 1½ Pounds.

One-half Dozen in a Box.



Two Feet, Four Fold.

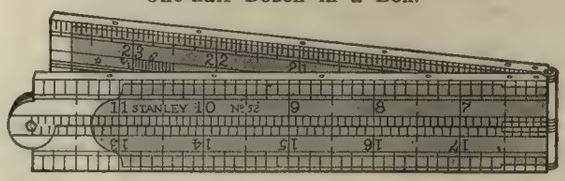
Per Dozen

No. 62—Square Joint, Full Bound, Marked in 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..... **$7.10**

No. 84—Square Joint, Half Bound, Marked in 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..... **5.80**

Weight Per Dozen About 2¼ Pounds.

One-half Dozen in a Box.



Two Feet, Four Fold. Per Dozen

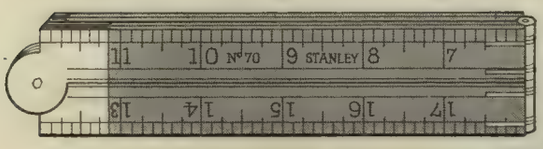
No. 51—Arch Joint, Middle Plates, Marked in 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..... **$3.35**

No. 52—Arch Joint, Half Bound, Marked in 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..... **6.70**

No. 54—Arch Joint, Full Bound, Marked in 8ths, 10ths, 12ths and 16ths of Inches, Drafting Scale, 1 in. Wide..... **8.00**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.



Two Feet, Four Fold. Per Dozen

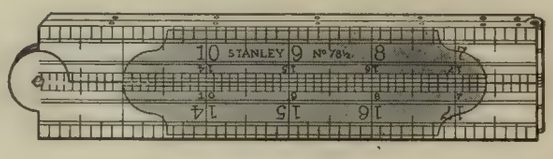
No. 70 —Square Joint, Middle Plates, Marked in 8ths and 16ths of Inches, Drafting Scale, 1⅜ in. Wide **$3.70**

No. 72 —Square Joint, Edge Plates, Marked in 8ths 10ths and 16ths of Inches, Drafting Scale, 1⅜ in. Wide..... **4.70**

No. 72½—Square Joint, Full Bound, Marked in 8ths, 10ths and 16ths of Inches, Drafting Scale, 1⅜ in. Wide..... **8.25**

Weight Per Dozen About 2½ Pounds.

One-half Dozen in a Box.



Two Feet, Four Fold. Per Dozen

No. 73 —Arch Joint, Middle Plates, Marked 8ths, 10ths and 16ths of Inches, Drafting Scale, 1⅜ in. Wide..... **$ 4.70**

No. 78 —Double Arch Joint, Half Bound, Marked 8ths, 10ths and 16ths of Inches, Drafting Scale, 1⅜ in. Wide..... **9.40**

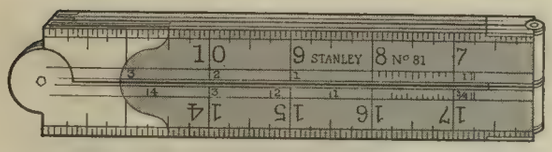
No. 78½—Double Arch Joint, Full Bound, 8ths, 10ths and 16ths of Inches, Drafting Scale, 1⅜ in. Wide **11.10**

No. 83 —Arch Joint, Edge Plates, Marked in 8ths, 12ths and 16ths of Inches, Octagon Scale, Slide, 100ths of a Foot, 1⅜ in. Wide..... **9.50**

Weight Per Dozen About 2½ Pounds.

One-half Dozen in a Box.

Boxwood Rules.



Two Feet, Four Fold with Board Measure.

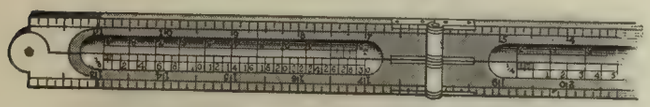
Per Dozen

No. 79—Square Joint, Edge Plates, Marked in 12ths and 16ths of Inches, Board Measure and Drafting Scale, 1⅜ in. Wide.....$ 6.35

No. 81—Arch Joint, Edge Plates, Marked in 12ths and 16ths of Inches, Board Measure and Drafting Scale, 1⅜ in. Wide..... 7.35

No. 82—Arch Joint, Full Bound, Marked in 12ths and 16ths of Inches, Board Measure and Drafting Scale, 1⅜ in. Wide..... 11.10

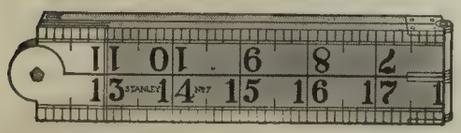
Weight Per Dozen About 2½ Pounds.
One-half Dozen in a Box.



ARCHITECTS', Two Feet, Four Fold. Per Dozen

No. 53½—Arch Joint, Edge Plates, Marked in 8ths, 10ths, 12ths and 16ths of Inches, with Inside Beveled Edges Divided into Drafting Scale, ⅛, ¼, ⅜, and ½ in to the Foot, 1 in. Wide $7.55

Weight Per Dozen About 1½ Pounds.
One-half Dozen in a Box.

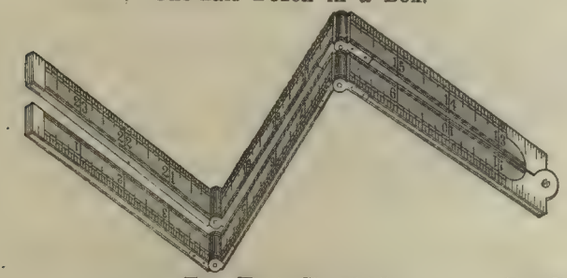


BLINDMAN'S, Two Feet, Four Fold. Per Dozen

No. 7—Square Joint, Edge Plates, Marked in 8ths and 16ths of Inches, 1⅜ in. Wide $10.20

This Rule has large figures easily read in places where light is poor.

Weight Per Dozen About 2 Pounds.
One-half Dozen in a Box.

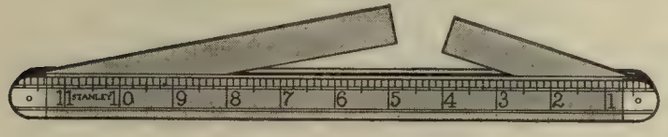


Two Feet, Six Fold. Per Dozen

No. 58—Arch Joint, Edge Plates, Marked in 8ths, 10ths, 12ths and 16ths of Inches, ¾ in. Wide.....$6.00

Weight Per Dozen About 1¾ Pounds.
One-half Dozen in a Box.

Ship Carpenter's Bevel.

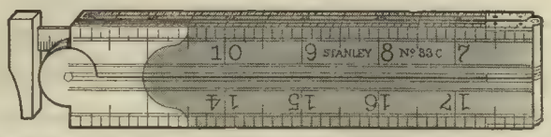


Boxwood, Double Tongue.

Per Dozen

No. 42—⅝ in. Wide, Marked 8ths and 16ths of Inches.$3.80

Weight Per Dozen About 1⅝ Pounds.
One Dozen in a Box.

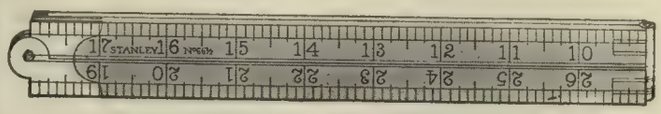


Two Feet, Four Fold, with Left Hand Graduated Caliper.

Per Dozen

No. 83C—Arch Joint, Edge Plates, Marked in 8ths, 10ths and 16ths of Inches, Left Hand Caliper, Graduated in 32nds of Inches, Drafting Scale, 1⅜ in. Wide with 6 in. Caliper....$11.65

Weight Per Dozen About 3 Pounds.
One-half Dozen in a Box.



Three Feet, Four Fold. Per Dozen

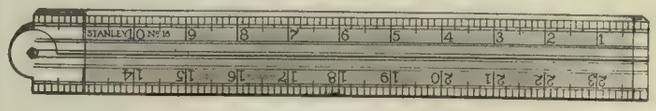
No. 66—Arch Joint, Middle Plates, Marked 16ths of Inches, Outside and Yard Graduation Only on Inside, 1 in. Wide.....$ 5.50

No. 66¼—Arch Joints, Edge Plates, Marked 8ths and 16ths of Inches, 1 in. Wide..... 6.45

No. 66½—Arch Joints, Middle Plates, Marked 8ths and 16ths of Inches, 1 in. Wide..... 5.50

No. 66¾—Arch Joints, Full Bound, Marked 8ths and and 16ths of Inches, 1 in. Wide..... 13.90

Weight Per Dozen About 2 Pounds.
One-half Dozen in a Box.



Two Feet, Two Fold. Per Dozen

No. 12—Arch Joint, Bitted, Marked in 8ths, 10ths and 16ths of Inches, 100th of a Foot, Gunter's Slide, Drafting and Octagonal Scale, 1½ in. Wide $10.20

No. 15—Arch Joint, Full Bound, Marked in 8ths, 10ths and 16ths of Inches, Gunter's Slide, Drafting and Octagonal Scale, 1½ in. Wide..... 13.90

No. 18—Square Joint, Marked in 8ths and 16ths of Inches, 1½ in. Wide..... 3.80

Weight Per Dozen About 2½ Pounds.
One-half Dozen in a Box.

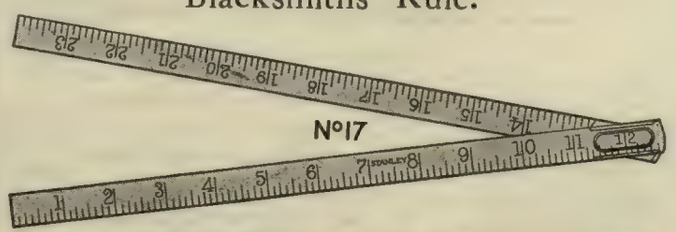
Two Feet, Three Fold, WITH LEVEL IN BRASS CASE.

Per Dozen

No. 2062—Edge Plates, Marked in 8ths and Quarters One Side, Sixteenths, Eighths and Quarters on Other Side $15.00

Weight Per Dozen About 3 Pounds.
One-half Dozen in a Box.

Blacksmiths' Rule.



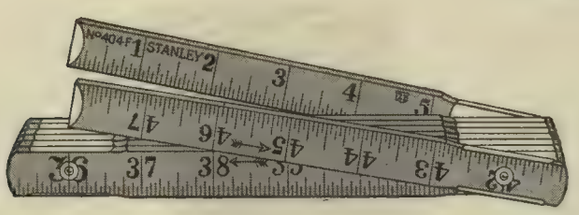
BLACKSMITH'S, Two Feet, Two Fold. Per Dozen

No. 17—Spring Brass, Concealed Joint, Marked in 8ths and 16ths of Inches, ¾ in. Wide.....$7.90

Weight Per Dozen About 2¾ Pounds.
One-half Dozen in a Box.

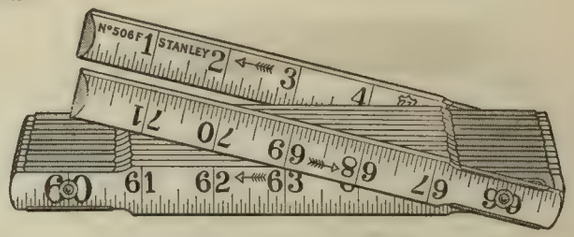
Zig-Zag Rules

STANLEY'S



Flexible Hardwood, Riveted Joints, Brass Plated Trimmings, Yellow Enameled, MARKED ON REVERSE SIDE, 6 in. Folds, ⅝ in. Wide.

Nos.	403F	404F	405F	406F	408F
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1½	2	2¾	3¼	4¼
Per Dozen	$3.90	4.80	6.15	7.25	10.00



Flexible Hardwood, Riveted Joints, Brass Plated Trimmings, White Enameled, MARKED ON REVERSE SIDE, 6 in. Folds, ⅝ in. Wide.

Nos.	503F	504F	505F	506F	508F
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1½	2	2¾	3¼	4¼
Per Dozen	$4.00	5.35	6.70	8.00	10.70

The Nos. 1, 2, 3, etc. on the above Zig-Zag Rules commence on the inside of Rule, allowing the Rule to lie flat when open. The figures 12, 24, 36, etc., are made extra large.

One-half Dozen in a Box.

STANLEY'S

Flexible Hardwood, Riveted Joints, Brass Plated Trimmings, Yellow Enameled, 6 in. Folds, ⅝ in. Wide.

Nos.	403	404	405	406	408
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1½	2	2¾	3¼	4¼
Per Dozen	$3.90	4.80	6.15	7.25	10.00

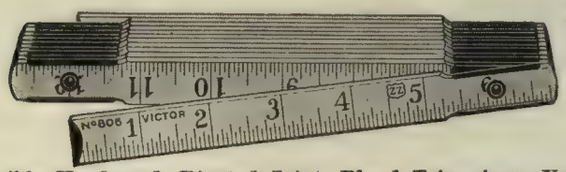
Flexible Hardwood, Riveted Joints, Brass Plated Trimmings, White Enameled, 6 in. Fold, ⅝ in. Wide.

Nos.	503	504	505	506	508
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1½	2	2¾	3¼	4¼
Per Dozen	$4.00	5.35	6.70	8.00	10.70

These Rules are marked with the numbers 1, 2, 3, etc., commencing on the outside of the Rule.

One-half Dozen in a Box.

VICTOR

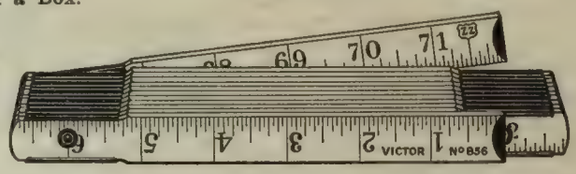


Flexible Hardwood, Riveted Joint, Blued Trimmings, Yellow Enameled, 6 in. Fold, ⅝ in. Wide.

Nos.	803	804	805	806	808
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1⅜	1¾	2¼	2⅞	4
Per Dozen	$2.65	3.45	4.35	5.25	7.00

These Rules are marked with the numbers 1, 2, 3, etc., commencing on the outside of the Rule.

One Dozen in a Box.



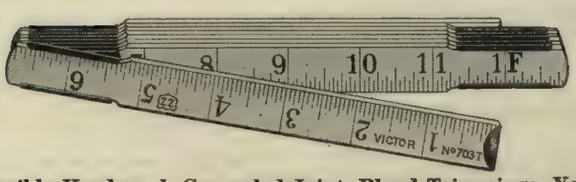
Flexible Hardwood, Riveted Joints, Blued Trimmings, White Enameled, 6 in. Fold, ⅝ in. Wide.

Nos.	853	854	855	856	858
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1⅜	1¾	2¼	2⅞	4
Per Dozen	$3.10	4.15	5.20	6.20	8.30

These Rules are marked with the numbers 1, 2, 3, etc., commencing on the outside of the Rule.

One Dozen in a Box.

VICTOR



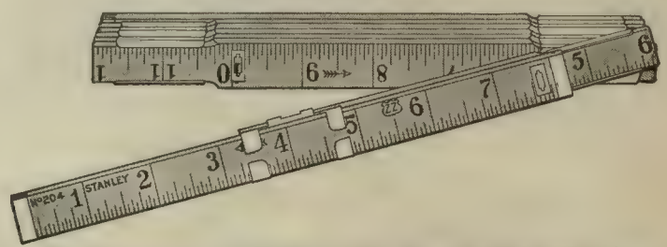
Flexible Hardwood, Concealed Joint, Blued Trimmings, Yellow Enameled, 6 in. Fold. ⅝ in. Wide.

Nos.	703T	704T	705T	706T	708T
Length, Feet	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	1⅜	1⅞	2¼	2⅞	4
Per Dozen	$3.10	4.15	5.20	6.20	8.30

The numbers commence on the outside of the Rule and run from 1 to 11 in. Each foot is marked with large figures such as 1F, 2F, etc. After each foot the inches repeat 1 to 11.

One Dozen in a Box.

STANLEY'S



Flexible Hardwood, Concealed Joint, Brass Plated Trimmings, EXTENSION SLIDE, Yellow Enameled, 6 in. Fold, ⅝ in. Wide.

Nos.	204	206
Length, Feet	4	6
Approx. Weight Per Dozen, Lbs.	3	4
Per Dozen	$8.00	10.70

One-half Dozen in a Box.

Steel Rules.

FOLDING POCKET

Rule in Leather Case.

No. 1141.

No. 041—On Card.

Flexible Spring Steel, ⅜ in. Wide, Raised Figures, with Patent Stop Joints, in Metal Bound Leather Case.

		Per Dozen
No. 1131—1 Foot, Marked Inches and 16ths on Both Sides, 3 in. Joints, 4 Fold, Weight Per Dozen About 5 Ozs.		**$ 6.15**
No. 1141—1 Foot, Marked Inches and 16ths on Both Sides, 4 in. Joints, 3 Fold, Weight Per Dozen About 6 Ozs.		**6.15**
No. 1142—2 Feet, Marked Inches and 16ths on Both Sides, 4 in. Joints, 6 Fold, Weight Per Dozen About 11 Ozs.		**10.60**
No. 1162—2 Feet, Marked Inches and 16ths on Both Sides, 6 in. Joints, 4 Fold, Weight Per Dozen About 10 Ozs.		**11.10**
No. 1163—3 Feet, Marked Inches and 16ths on Both Sides, 6 in. Joints, 6 Fold, Weight Per Dozen About 14 Ozs.		**15.55**

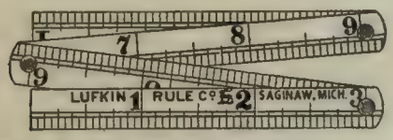
One Dozen in a Box.

Flexible Steel Spring, ⅜ in. Wide, No. 28 Gauge, Will Bend to a 3 in. Circle, in Metal Bound Leather Case, Mounted on a Card.

	Per Card of 1 Dozen
No. 041—1 Foot, Marked Inches and 16ths, 3 in. Joints, 4 Fold, Weight Per Dozen About 11 Ozs.	**$1.70**

One Dozen on a Handsome Display Card.

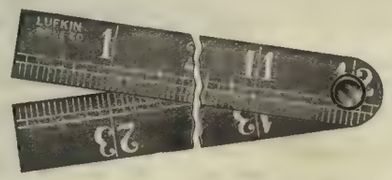
Folding Steel Rules.



Tempered Steel, ¾ in. Wide, Bright Surface, Sunken Figures and Lines, Marked Inches and 16ths on Both Sides, 6 in. Joints.

	Per Dozen
No. 1172—2 Feet, Weight Per Dozen About 1¾ Lbs.	**$16.65**
No. 1173—3 Feet, Weight Per Dozen About 2½ Lbs.	**25.10**
No. 1174—4 Feet, Weight Per Dozen About 3¾ Lbs.	**33.35**
No. 1175—5 Feet, Weight Per Dozen About 5 Lbs.	**42.00**
No. 1176—6 Feet, Weight Per Dozen About 6½ Lbs.	**50.20**

Nos. 1172 and 1173, One Dozen; Nos. 1174 to 1176, One-half Dozen in a Box.

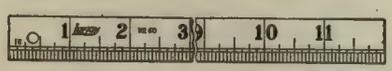


Tempered Steel, ¾ in. Wide, 21 Gauge, Plain Ends, Machine Divided, Patent Stop Joint.

	Per Dozen
No. 85—2 Feet, Marked 8ths and 16ths, Graduated One Edge Both Sides, 12 in. Joints, 2 Fold, Weight Per Dozen About 2 Lbs.	**$13.35**
No. 85—3 Feet, Marked 8ths and 16ths, Graduated One Edge Both Sides, 12 in. Joints, 2 Fold, Weight Per Dozen About 3 Lbs.	**22.25**

One Dozen in a Box.

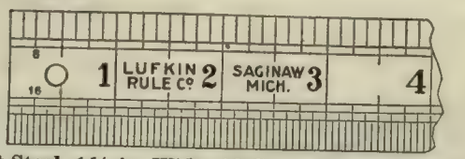
Straight Steel Rules.



Straight Steel, ¾ in. Wide, 21 Gauge, Bright Surface, Distinct Black Sunken Figures and Lines, Machine Divided.

	Per Dozen
No. 60—1 Foot, Marked in 8ths One Side, 16ths on Other, Graduated on Lower Edge Only, Weight Per Dozen 14 Ozs.	**$5.35**

Open Stock.

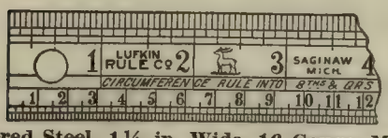


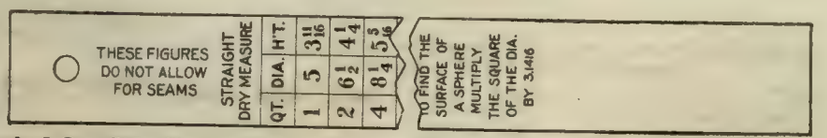
Straight Steel, 1¼ in. Wide, 16 Gauge, Bright Surface, Distinct Black Sunken Figures and Lines, Marked 8ths Upper Edge, 16ths Lower Edge Both Sides.

	Per Dozen
No. 62—2 Feet, Weight Per Dozen About 6¼ Lbs.	**$20.00**
No. 62—3 Feet, Weight Per Dozen About 9½ Lbs.	**29.35**

Open Stock.

Tinners' Steel Circumference Rules.





Tempered Steel, 1¼ in. Wide, 16 Gauge, Marked One Side Circumference Rule, Opposite Side Table of Measurements.

Plain.

	Each
No. 10—3 Feet, Weight Each ¾ Lb.	**$4.45**

Open Stock.

Nickel Plated.

	Each
No. 20—3 Feet, Weight Each ¾ Lb.	**$5.60**

Open Stock.

Miscellaneous Rules.

EXTENSION RULES

Polished Maple, Brass Trimmings, 1 in. Wide, Marked in 8ths of Inches.

Nos.	240	360	480	510	612
Extends, Feet	2 to 4	3 to 6	4 to 8	5 to 10	6 to 12
Approx. Weight Per Dozen, Lbs.	8	9	10	12	14
Per Dozen	$11.70	13.35	15.00	18.35	23.35

These Rules are very useful for accurately measuring the distance between two fixed points. When extended to required length, the section may be secured by the set screw.

To read this Rule add to the number of feet indicated by large figure, nearest left end of Rule, the inches and fractions of inches exposed from under left hand end of the upper section.

One-half Dozen in a Package.

PATTERN MAKERS' SHRINKAGE

Boxwood, 1¼ in. Wide, Marked in 8ths and 16ths of Inches.

Per Dozen

No. 30—24¼ in. Long, ⅛ in. Shrinkage Per Foot, Weight Per Dozen About 2 Lbs. **$13.90**

One-half Dozen in a Box.

WANTAGE RODS

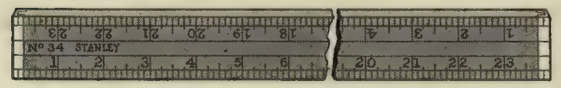
Maple, Brass Lip, 8 Lines.

Per Dozen

No. 44—16½ in. Long, ⅝ in. Wide, Weight Per Dozen About 3 Lbs. **$7.25**

One Dozen in a Package.

BENCH MEASURES



Maple, Brass Tips, Marked 8ths and 16ths of Inches.

Per Dozen

No. 34—2 ft. Long, 1⅝ in. Wide, Weight Per Dozen About 3 Lbs. **$4.25**

One Dozen in a Package.

WOOD MEASURES

Maple, Brass Caps, Marked 8ths of Inches and 10ths of Feet.

Per Dozen

No. 71—4 ft. Long, 1¼ in. Wide, Weight Per Dozen About 12 Lbs. **$11.65**

One-half Dozen in a Package.

GAUGING RODS

Maple, Brass Tip.

Per Dozen

No. 45 —120 Gallon, 3 ft. Long, ½ in. Wide. ..... **$ 7.25**

No. 45½—180 Gallon, with Wantage Table, 4 ft. Long, ⅝ in. Wide. **18.50**

Weight Per Dozen About 3 Pounds.

One Dozen in a Package.

YARD STICKS

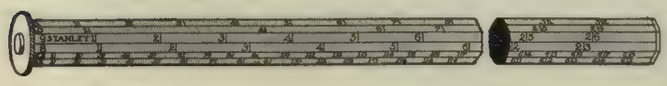
Maple, Brass Tips, Polished, Marked 8ths of Inches on One Side. Yard on the Other.

Per Dozen

No. 41—3 ft. Long, 1 in. Wide, Weight Per Dozen About 2¼ Lbs. **$3.35**

One Dozen in a Package.

Board Sticks.

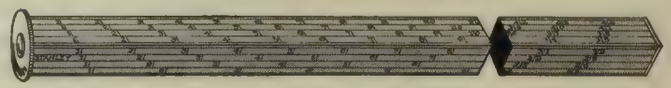


Maple, Octagon, Brass Caps.

Per Dozen

No. 46—Length 2 ft., Marked 8 to 23 ft., Weight Per Dozen About 6 Lbs. **$16.65**

One-half Dozen in a Package.



Maple, Square, Brass Caps.

Per Dozen

No. 46½—Length 2 ft., Marked 8 to 23 ft., Weight Per Dozen About 6 Lbs. **$16.65**

One-half Dozen in a Package.

Improved Marking Sticks.

Inspector's Improved.

Per Dozen

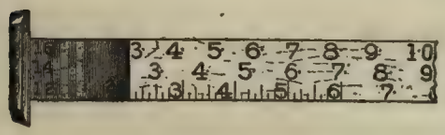
No. 136—Nickel Plated Crayon Holder, Complete with 3 ft. Hickory Handle, Weight Per Dozen About 7½ Lbs. **$25.60**

This article is a great convenience to Lumber Inspectors, it is adapted to the regular Lumber Leads, in general use, and has a Handle made in regular Board Rule Style, giving the user a good firm hold.

Open Stock.

Board Rules.

SECOND GROWTH WHITE HICKORY



3 Tier, Burnt Figures, Steel Caps, 2 in. Brass Shoulders, Marked on One Side to Measure 12, 14 and 16 ft., and Other Side 18, 20 and 22 ft. Boards.

Per Dozen

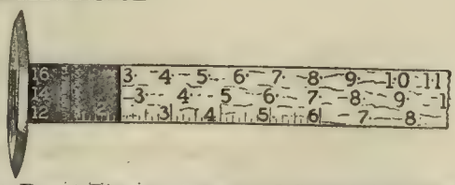
No. 1—3½ ft. Long, 1⅛ in. Wide, Inspector's Extra Heavy Brazed Head, Weight Per Dozen About 7½ Lbs. **$27.00**

No. 2—3 ft. Long, 1⅛ in. Wide, Extra Heavy Brazed Head, Weight Per Dozen About 6 Lbs..... **25.00**

No. 3—3 ft. Long, 1⅛ in. Wide, Extra Heavy Brazed Head, Weight Per Dozen About 6 Lbs..... **23.00**

No. 4—3 ft. Long, 1⅛ in. Wide, Patent Socket Steel Head, Weight Per Dozen About 6 Lbs..... **21.00**

Open Stock.



3 Tier, Burnt Figures, Tempered Steel DIAMOND HEAD, Brazed to Extra Heavy Brass Shoulder.

Marked on One Side to Measure 6, 8 and 10 ft., Other Side 12, 14 and 16 ft. Boards. Per Dozen

No. 02—3 ft. Long, 1⅛ in. Wide, Extra Heavy Brazed Head, Weight Per Dozen About 6 Lbs. **$25.00**

No. 0222—3 ft. Long, ¾ in. Wide, Extra Heavy Brazed Head, Weight Per Dozen About 5 Lbs. **25.00**

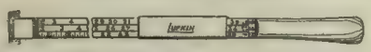
No. 02222—3 ft. Long, ⅞ in. Wide, Extra Heavy Brazed Head, Weight Per Dozen About 5½ Lbs. **25.00**

Marked on One Side to Measure 12, 14, 16 ft., Other Side 18, 20, 22 ft. Boards. Per Dozen

No. 022—3 ft. Long, 1⅛ in. Wide, Extra Heavy Brazed Head, Weight Per Dozen 6 Lbs..... **$25.00**

Open Stock.

SPRING STEEL



Diamond Steel Head, Tempered Spring Steel Blade, Nickel Plated and Lacquered, Large Black Figures, Leather Slide, Wood Handle.

Marked on One Side to Measure 6, 8 and 10 ft., Other Side 12, 14 and 16 ft. Boards. Per Dozen

No. 52—3 Tier, 3 ft. Long, 1 in. Wide..... **$52.20**

Weight Per Dozen About 15 Pounds.

Open Stock.

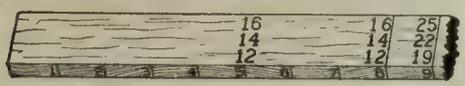
Marked on One Side to Measure 8, 10, 20, 22 ft., Other Side 12, 14, 16 and 18 ft. Boards.

Per Dozen

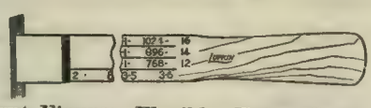
No. 58—4 Tiers, 3 ft. Long, 1¼ in. Wide..... **$56.60**

Weight Per Dozen About 15 Pounds.

Open Stock.



Log Rules.



Hickory, Burnt Figures, Plain, No Head.

Per Dozen

No. 25—Scribner's Scale, Scales Down to 6 in., Figured 48 in., with 8 in. Handle..... **$21.00**

Weight Per Dozen About 7½ Pounds.

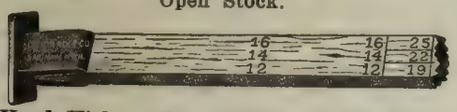
Open Stock.

Hickory, Burnt Figures, Flexible, Extra Heavy Braced Head, Steel Caps and 2 in. Brass Shoulders. Per Dozen

No. 30—Doyle's Scale, Scales Down to 6 in., Figured 42 in., with 6 in. Handle..... **$42.00**

Weight Per Dozen About 9½ Pounds.

Open Stock.



Square Head, Hickory, Burnt Figures, Scale Down to 6 in.

Per Dozen

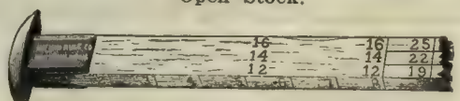
No. 12—Decimal C Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 10½ Lbs.. **$27.00**

No. 14—Scribner's Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 10½ Lbs.. **27.00**

No. 18—Doyle's Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 10½ Lbs..... **27.00**

No. 22—Decimal C Scale, Figured 36 in., with 6 in. Handle, Weight Per Dozen 8¼ Lbs..... **23.00**

Open Stock.



T Head, Hickory, Burnt Figures, Scale Down to 6 in.

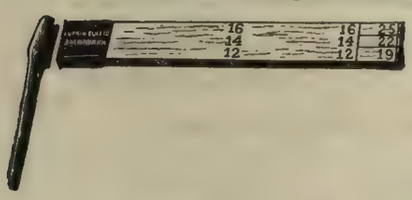
Per Dozen

No. 11—Decimal C Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 10¼ Lbs.. **$27.00**

No. 16—Scribner's Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 10½ Lbs... **27.00**

No. 19—Doyle's Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 10½ Lbs..... **27.00**

Open Stock.



Detachable Hook, Hickory, Burnt Figures, Scale Down to 6 in.

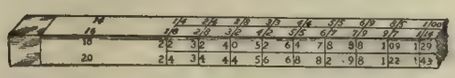
Per Dozen

No. 13—Decimal C Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 12 Lbs..... **$28.00**

No. 15—Scribner's Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 12 Lbs..... **28.00**

No. 17—Doyle's Scale, Figured 48 in., with 8 in. Handle, Weight Per Dozen About 12 Lbs..... **28.00**

Open Stock.

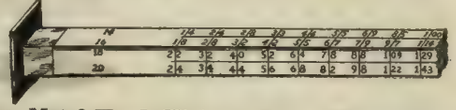


Square, Plain, Hickory, Burnt Figures, Scale Down to 6 in.

Per Dozen

No. 20—Scribner's Scale, 1 in. Square, 2 Tiers, Figures on Each Side, Figured 48 in. Full Length, Weight Per Dozen About 15 Lbs....**$24.00**

Open Stock.



Square, Metal Head, Hickory, Burnt Figures, Scale Down to 6 in. Per Dozen

No. 21—Scribner's Scale, 1 in. Square, 2 Tiers, Figures on Each Side, Figured 48 in. Full Length, Weight Per Dozen About 17 Lbs..... **$30.00**

Open Stock.

Measuring Tapes.

UNIVERSAL

Nos. 710 to 716.

UNIVERSAL

Asses' Skin Case, Cream Enameled Sides, Brass Bound, Brass Folding Handles, Brass Trimmings, ½ in. Cotton Tape, Waterproof Coated, Marked in Feet, Inches and ¼ of Inches.

Nos.	710	713	714	715	716
Length, Feet	25	50	66	75	100
Ap. Wt. Dozen, Lbs.	2½	5	5	5½	6¾
Per Dozen	$4.50	6.00	7.20	9.00	10.80

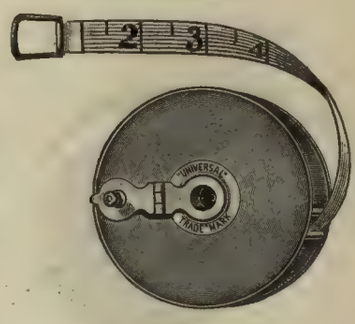
One-half Dozen in a Box.

Maroon Enameled Case, Brass Bound, Brass Folding Handles, Brass Trimmings, ½ in. Linen Corded Tape, Waterproof Coated, Marked in Feet, Inches and ¼ of Inches.

Nos.	730	733	734	735	736
Length, Feet	25	50	66	75	100
Ap. Wt. Dozen, Lbs.	2½	4	5½	5½	7
Per Dozen	$6.00	9.60	10.80	12.00	15.00

One-half Dozen in a Box.

UNIVERSAL



Nos. 730 to 736.

UNIVERSAL

Nos. 943 to 946.

Russet Leather Case, Natural Color Finish, Brass Folding Handles and Trimmings, ⅝ in. Linen Corded Tape, Waterproof Coated, Marked in Feet, Inches and ½ of Inches.

Nos.	943	944	945	946
Length, Feet	50	66	75	100
Ap. Wt. Dozen, Lbs.	5¼	6½	7	9½
Per Dozen	$26.70	28.35	30.00	33.35

One-half Dozen in a Box.

METALLIC

Nos. 500 to 506.

METALLIC

Hard Leather Case, Folded Handles, Nickel Plated Trimmings, ⅝ in. Metallic Tape, **Instantaneous Reading, with Threader Attachment** (Enabling User to More Easily Insert a New Tape when Old One is Worn Out), Marked in Feet, Inches and ½ of Inches, One Side Only.

Nos.	500	503	504	505	506
Length, Feet	25	50	66	75	100
Ap. Wt. Dozen, Lbs.	6	10	12	14	16
Per Dozen	$31.90	46.80	52.45	58.10	73.00

One-twelfth Dozen in a Box.

METALLIC

Nos. 600 to 606DL.

Hard Leather Case, Double Folding Flush Handles, Nickel Plated Trimmings, ⅝ in. Metallic Tape, **Instantaneous Reading, with Threader Attachment** (Enabling User to More Easily Insert a New Tape when Old One is Worn Out).

Marked in Feet, Inches and ½ of Inches, One Side Only.

Nos.	600	603	604	605	606
Length, Feet	25	50	66	75	100
Ap. Wt. Dozen, Lbs.	7	10	14	15	17
Per Dozen	$37.50	52.45	58.10	63.70	78.70

Marked in Feet and 10ths on One Side, Links on Other Side.

Nos.	600DL	603DL	604DL	605DL	606DL
Length, Feet	25	50	66	75	100
Ap. Wt. Dozen, Lbs.	7	10	14	15	17
Per Dozen	$39.35	54.30	61.80	67.40	84.30

One-twelfth Dozen in a Box.

CHESTERMAN'S PATENT

No. 34L.

CHESTERMAN'S PATENT

No. 38L.

CHESTERMAN'S PATENT

No. 34L—Patent Leather Case, Brass Folding Flush Handles and Trimmings, ⅝ in. Metallic Tape.

Marked in Feet and 10ths or 12ths One Side, Links on Other.

Length, Feet	25	50	66	75	100
Weight Each, Oz.	10	12	16	20	24
Each	$3.00	4.35	5.00	5.50	7.00

One in a Box.

No. 38L—Patent Leather Case, Brass Folding Flush Handle and Trimmings, ⅜ in. Steel Tape.

Marked in Feet, Inches and ⅛ in. One Side, Links on Other.

Length, Feet	25	50	66	75	100
Weight Each, Oz.	10	12	16	20	24
Each	$5.70	9.10	11.65	13.15	16.20

One in a Box.

METALLIC TAPE ONLY CHESTERMAN'S PATENT

No. 126.

METALLIC LINES ONLY

Chesterman's Patent.

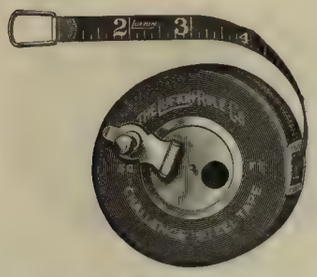
No. 126—⅝ in. Metallic Tape Only, Marked in Feet, Inches and ½ in. on One Side, Links on the Other.

Length, Feet	50	75	100
Weight Each, Oz.	6	8	12
Each	$2.80	3.90	5.60

One in a Box.

Measuring Tapes.

CHALLENGE, STEEL



MARKING OF LUFKIN STEEL TAPES

All Lufkin Steel Tapes are marked with **Instantaneous** Readings. The above illustration gives a fair idea of this marked improvement. Briefly described, it consists of repeating the foot mark, in easy distinguishable figures, at each inch or tenth-foot, as the case may be. Does away with always referring back to the last foot and its consequent difficulties and delays. The total reading is always direct before the eye.

CHALLENGE JR., STEEL

Hard Leather Case, Metal Lined, Nickel Plated Trimmings, Folding Flush Handles, Opened by Pressing Pin on Opposite Side, ⅜ in. Steel Tape, **Instantaneous Reading.**

Marked in Feet, Inches and 8ths of Inches, One Side Only.

Nos.	260	263	264	265	266
Length, Feet	25	50	66	75	100
Weight Each, Oz.	7	12	14	17	21
Each	$5.10	6.25	7.80	8.25	10.60

One in a Box.

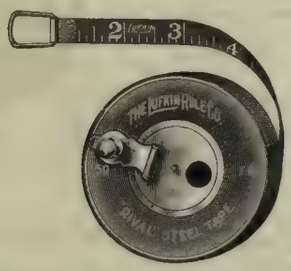
Hard Leather Case, Metal Lined, Nickel Plated Trimmings, Folding Flush Handles, Opened by Pressing Pin on Opposite Side, ¼ in. Steel Tape, **Instantaneous Reading.**

Marked Feet, Inches and 16ths of Inches, One Side Only.

Nos.	1260	1263	1266
Length, Feet	25	50	100
Weight Each, Oz.	4	6	11
Each	$4.70	5.50	9.00

One in a Box.

RIVAL STEEL



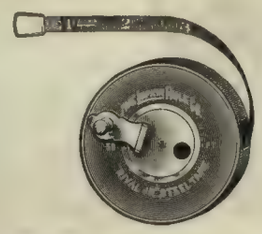
Nickel Plated Steel Case, with Knurled Edges, Folding Flush Handles, Opened by Pressing Pin on Opposite Side, ⅜ in. Steel Tape, **Instantaneous Reading.**

Marked in Feet, Inches and 8ths of Inches, One Side Only.

Nos.	240	243	244	245	246
Length, Feet	25	50	66	75	100
Weight Each, Oz.	7	11	14	16	19
Each	$4.30	5.35	6.70	7.10	9.00

One in a Box.

RIVAL JR., STEEL



Nickel Plated Steel Case, with Knurled Edges, Folding Flush Handle, Opened by Pressing Pin on Opposite Side, ¼ in. Steel Tape, **Instantaneous Reading.**

Marked in Feet, Inches and 16ths of Inches, One Side Only.

Nos.	1240	1243	1246
Length, Feet	25	50	100
Weight Each, Oz.	4	6	11
Each	$3.90	4.70	7.80

One in a Box.

RELIABLE, STEEL

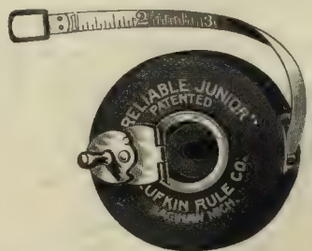
Hard Leather Case, Metallic Lined, Nickel Plated Trimmings, Double Folding Flush Handle, ⅜ in. Steel Tape, **Instantaneous Reading.**

Marked in Feet, Inches and 8ths of Inches on One Side, Links on Other Side.

Nos.	200	203	204	205	206
Length, Feet	25	50	66	75	100
Weight Each, Oz.	9	13	16	19	22
Each	$7.10	11.25	14.40	16.25	20.00

One in a Box.

RELIABLE JR., STEEL



Hard Leather Case, Metal Lined, Nickel Plated Trimmings, Double Folding Flush Handle, ¼ in. Steel Tape, **Instantaneous Reading.**

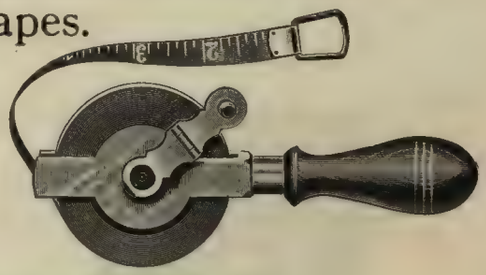
Marked in Feet, Inches and 16ths of Inches, One Side Only.

Nos.	100	103	106
Length, Feet	25	50	100
Weight Each, Oz.	4	6	11
Each	$5.90	7.20	11.10

One in a Box.

Measuring Tapes.

ENGINEERS'



Cut Shows Instantaneous Readings.

Hard Leather Case, Metal Lined, Nickel Plated Trimmings, Folding Flush Handle, Two Detachable Rings, ¼ in. Heavy Detachable Steel Tape, **Instantaneous Reading.**

Marked in Feet, 10ths and 100ths of Feet on One Side, for Surveyors' Use.

Nos.	231D	233D	235D	236D
Length, Feet	33	50	75	100
Weight Each, Oz.	13	17	22	27
Each	$7.80	9.40	14.85	18.75

One in a Box.

Germania Frame, Brass Frame and Trimmings, Nickel Plated Folding Winding Handle, Rosewood Handle, ⅜ in. Steel Tape, **Instantaneous Reading.**

Marked in Feet, 10ths and 100ths of Feet on One Side, for Surveyors' Use.

Nos.	283D	285D	286D
Length, Feet	50	75	100
Weight Each, Oz.	18	22	24
Each	$7.10	9.75	12.10

One in a Box.

Tape Hooks.

Brass, Nickel Plated.

For Attaching to Steel Tapes, Measures from Inside of Hook.

	Each
No. 551—For ¼ in. Tape, Weight Each About 2 Oz.	$0.80
No. 552—For ⅜ in. Tape, Weight Each About 2 Oz.	.80

One-half Dozen in a Box.

Clamp Handles.

Brass, Nickel Plated.

For Attaching to Any Part of a Long Steel Tape, thus Enabling one to Adapt it to any Desired Length.

	Each
No. 584—Weight Each 4 Oz.	$1.70

One-half Dozen in a Box.

Pocket Tapes.

Lufkin's, Round Edge Nickel Plated Brass Case, Spring Wind, Center Stop, ¼ in. Enameled Linen Tape.

Marked in Inches and 8ths of Inches, One Side Only.

Nos.	175	176
Length, Feet	5	6
Ap. Wt. Dozen, Lbs.	1	1¼
Per Dozen	$6.00	6.70

One-half Dozen in a Box.

Lufkin's, Round Edge Nickel Plated Brass Case, Spring Wind, Center Stop, ¼ in. Steel Tape.

Marked in Inches and 16ths of Inches, One Side Only.

Nos.	145	146	148
Length, Feet	5	6	8
Ap. Wt. Doz., Lbs.	1¼	1½	1½
Per Dozen	$12.00	13.35	20.00

One-half Dozen in a Box.

Chesterman's, Nickel Plated Case, Spring Wind, with Stop, ¼ in. Steel Tape.

Marked in Inches and $\frac{1}{16}$ths, One Side Only.

Nos.	35P	36P
Length, Feet	5	6
Ap. Wt. Doz., Lbs.	2	2½
Per Dozen	$29.50	33.60

One-half Dozen in a Box.

Universal, Nickeloid Case, Spring Wind, Center Stop, Good Quality Painted Tape, ¼ in. Wide.

Marked in Inches and 8ths of Inches.

	Per Dozen
No. 165—5 ft. Tape, Weight Per Dozen About 1 Lb.	$1.80

One Dozen in a Display Box.

Boys' Tool Chests.

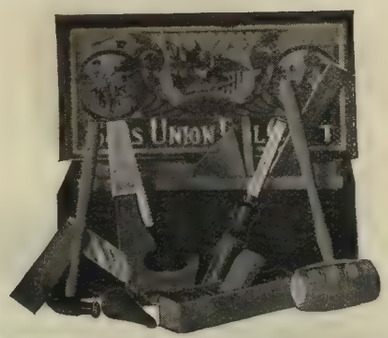
Ash Box, Deep Golden Oak Finish, Beveled and Stained Mouldings, Hinged Cover, Locked Corners, Containing 9 Assorted Tools.

Per Dozen

No. 45B—10⅜x4⅞x2¼ in. Inside Measurement.....**$7.80**

Weight Per Dozen About 41 Pounds.

Three Dozen in a Crate.



Ash Box, with Sliding Till, Deep Golden Oak Finish, Beveled and Stained Mouldings, Hinged Cover, Locked Corners, Containing 11 Assorted Tools.

Per Dozen

No. 60B—11¾x5¾x4 in. Inside Measurement.....**$10.00**

Weight Per Dozen About 41 Pounds.

Three Dozen in a Crate.

Ash Box, with Sliding Tray, Deep Golden Oak Finish, Beveled and Stained Mouldings, Hinged Cover, Locked Corners, Containing 13 Assorted Tools.

Per Dozen

No. 90B—13½x6¾x4½ in. Inside Measurement.....**$13.35**

Weight Per Dozen About 61 Pounds.

Two Dozen in a Crate.

Ash Box, with Sliding Tray, Deep Golden Oak Finish, Beveled and Stained Mouldings, Hinged Cover, Locked Corners, Coppered Side Handles, Containing 16 Assorted Tools.

Per Dozen

No. 700B—14¾x7½x5¼ in. Inside Measurement.....**$20.00**

Weight Per Dozen About 105 Pounds.

One Dozen in a Crate.

Ash Box, with Sliding Tray, Deep Golden Oak Finish, Beveled and Stained Mouldings, Hinged Cover, Locked Corners, Coppered Side Handles, Containing 28 Assorted Tools.

Per Dozen

No. 800B—19x9¼x6¾ in. Inside Measurement.....**$42.25**

Weight Per Dozen About 140 Pounds.

One-half Dozen in a Crate.

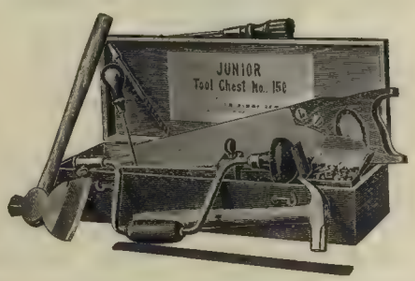
Junior Tool Chests.

Hardwood Box, with Waxed Gloss, Mission Finish, Containing 6 Tools as Follows: Nickel Finish Hatchet, Nickel Plated Hammer, Screw Driver, Rule, Saw, Gimlet and Package Wire Nails.

Per Dozen

No. 100J—12½x6x3½ in. Box..**$22.25**

Weight Per Dozen About 36 Pounds.



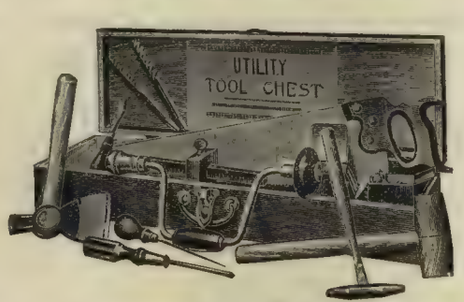
Hardwood Box, with Waxed Gloss, Mission Finish, Containing 9 Tools as Follows: Nickel Finish Hatchet, Nickel Plated Hammer, Brace, Auger Bit, Saw, Screw Driver, Gauge, Scratch Awl, Rule and Package of Wire Nails.

Per Dozen

No. 150J—17x6x3½ in. Box...**$30.00**

Weight Per Dozen About 48 Pounds.

Utility Tool Chests.



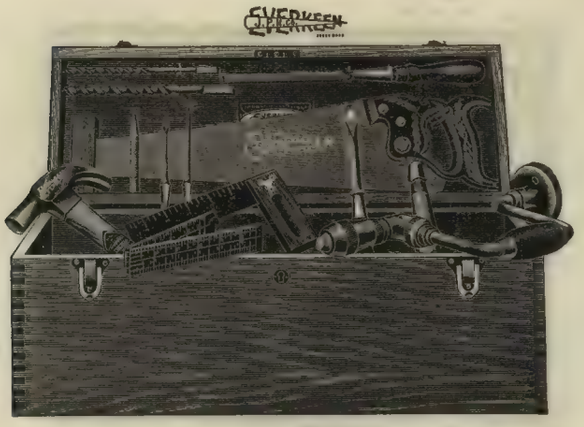
Hardwood Chest, Mission Finish, with Handle and Spring Catch in Front, Containing 11 Tools as Follows: 20 in. Blade Panel Saw, Forged Steel Hatchet, Screw Driver, Tack Hammer, Tack Claw, Marking Gauge, 4/16 and 8/16 in. Auger Bit, Brace, Scratch Awl, Mallet, 2 Packages Wire Nails.

Per Dozen

No. 1U—25x7½x4½ in. Case..**$66.70**

Weight Per Dozen About 132 Pounds.

Tool Boxes.



Stained Case with Handle on Top, Box Hinges, Trunk Clasp and Lock.

Each

No. E10—Outside Dimensions 22x7½x8 in., Complete with Tools, Every Tool Warranted.....**$15.60**

CONTENTS: 13 TOOLS AS FOLLOWS

1 No. E25 18 in. Everkeen Saw.
1 No. E10 10 in. Everkeen Brace.
2 No. 6030 ⅛ and ¼ in. Gimlet Bit.
1 ¼ in. Everkeen Auger Bit.
1 ½ in. Everkeen Auger Bit.
1 No. E510 4 in. Everkeen Screw Driver.
1 No. 61 Rule.
1 ½ in. Everkeen B. E. Leather Capped Socket Firmer Chisel.
1 No. E1½ Everkeen Nail Hammer.
1 Everkeen Nail Set.
1 No. 20 6 in. Try Square.
1 No. 5 Tool Holder with 10 Tools.

The Edge Tools are held in place in lid so as not to damage other tools. The Tool Box is easy portable.

Weight Each About 20 Pounds.

Tool Cabinets.

Thoroughly Well Seasoned and Well Finished Cabinet.

No. E20—Outside Dimensions 22x14x5½ in., Complete with Tools, Every Tool Warranted.....**$20.50** Each

CONTENTS: 21 TOOLS AS FOLLOWS

1 No. E25 18 in. Everkeen Saw.
1 No. E1½ Everkeen Nail Hammer.
1 No. E102 Everkeen Block Plane.
1 No. E50 5 in. Everkeen Plyer.
1 No. E3000 6 in. Everkeen Plyer.
1 ¼ in. Everkeen B. E. Leather Capped Socket Firmer Chisel.
1 ¾ in. Everkeen B. E. Leather Capped Socket Firmer Chisel.
1 No. 5 Tool Holder with Tools.
1 No. E10 10 in. Everkeen Brace.
1 ¼ in. Everkeen Auger Bit.
1 ½ in. Everkeen Auger Bit.
1 ¾ in. Everkeen Auger Bit.
1 No. 6030 Gimlet Bit.
1 No. E315 Rose Countersink Bit.
1 No. E510 4 in. Everkeen Screw Driver.
1 No. 68 Rule.
1 No. 2 Emery Oil Stone.
1 Oil Can.
1 No. 20 6 in. Try Square.
1 Everkeen Nail Set.
1 Everkeen Screw Driver Bit.

Weight Each About 15 Pounds.
One in a Crate.

Tool Cabinets.

Made of Chestnut, Thoroughly Seasoned, Paneled and Nicely Finished.

Each

No. E3—Outside Dimensions 28⅞x24⅞x8 3/16 in., Complete with Tools, Every Tool Warranted **$40.00**

CONTENTS: 46 TOOLS AS FOLLOWS

1 No. E10 10 in. Everkeen Brace.
1 No. E25 20 in. Everkeen Panel Saw.
1 No. E25 20 in. Everkeen Rip Saw.
1 ¼ in. Everkeen Leather Capped B. E. Sock. Firm. Chisel.
1 ½ in. Everkeen Leather Capped B. E. Sock. Firm. Chisel.
1 ¾ in. Everkeen Leather Capped B. E. Sock. Firm. Chisel.
3 German Gimlet Bits.
1 Everkeen Screw Driver Bit.
1 No. E510 4 in. Everkeen Screw Driver.
1 No. E510 6 in. Everkeen Screw Driver.
1 ¼ in. Everkeen Auger Bit. 1 ½ in. Everkeen Auger Bit.
1 5/16 in. Everkeen Auger Bit. 1 ⅝ in. Everkeen Auger Bit.
1 ⅜ in. Everkeen Auger Bit. 1 ¾ in. Everkeen Auger Bit.
1 ⅞ in. Everkeen Auger Bit.
1 No. E315 Everkeen Rose Countersink Bit.
1 Square Reamer Bit. 1 No. 31 3 in. Pocket Level.

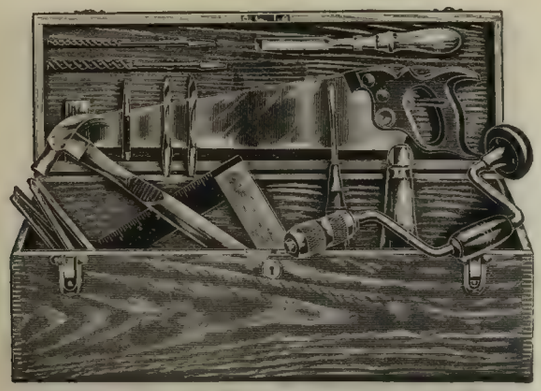
1 No. E3 12 in. Everkeen Compass Saw.
1 No. 02 3x6 in. Cabinet Scraper.
1 E66 Everkeen Hack Saw Frame and Blade.
1 Everkeen Coping Saw.
1 No. E1½ Everkeen Nail Hammer.
1 No. 25 Tack Hammer.
1 No. E1 Everkeen Shingling Hatchet.
1 No. 5 Tool Holder with 10 Tools.

1 No. 20 6 in. Try Square.
1 Everkeen Nail Set.
1 No. E110 Everkeen Plane.
1 No. E26 Everkeen Plane.
1 Oiler.
1 Small Can Glue.
1 No. 62 Marking Gauge.
1 No. 61 Rule.

Weight Each About 43 Pounds.
One in a Crate.

1 Pair 7 in. Wing Dividers.
1 8 in. Everkeen Drawing Knife.
1 No. E3000 6 in. Everkeen Plyer.
1 No. E50 4 in. Everkeen Plyer.
1 No. E50 6 in. Everkeen Plyer.
1 7 in. Everkeen Mill Bastard File.
1 5 in. Everkeen Slim Taper File.
1 No. 2 Emery Oil Stone.

Tool Boxes.



Stained Case, with Handle on Top, Box Hinge, Trunk Clasps and Lock. Each

No. 1005—Outside Dimensions 22x7½x8 in., Complete with Tools, Every Tool Warranted.....**$11.10**

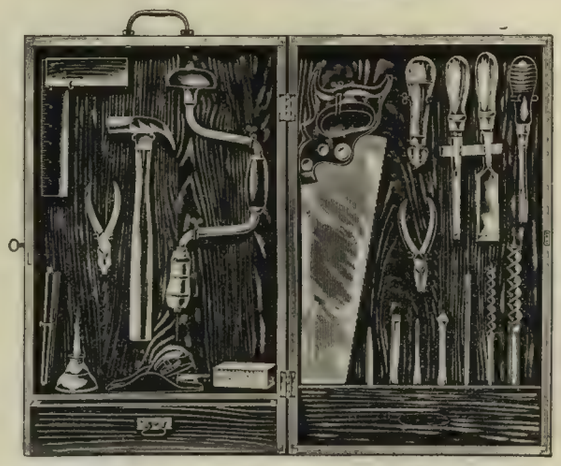
CONTENTS: 13 TOOLS AS FOLLOWS

1 No. 80 16 in. Saw.
1 No. 210 Brace.
2 Gimlet Bits.
1 ¼ in. Common Auger Bit.
1 ½ in. Common Auger Bit.
1 No. 5 4 in. Screw Driver.
1 No. 61 Rule.
1 No. 1½ Standard Nail Hammer.
1 No. 1 ½ in. Socket Firmer Chisel.
1 Nail Set.
1 No. 20 6 in. Try Square.
1 No. 5 Tool Holder with 10 Tools.

Easy portable. Edge tools held in place in lid so as not to damage other goods.

Weight Each About 18 Pounds.
Four in a Crate.

Tool Cabinets.



Thoroughly Seasoned and Well Finished Cabinet. Each

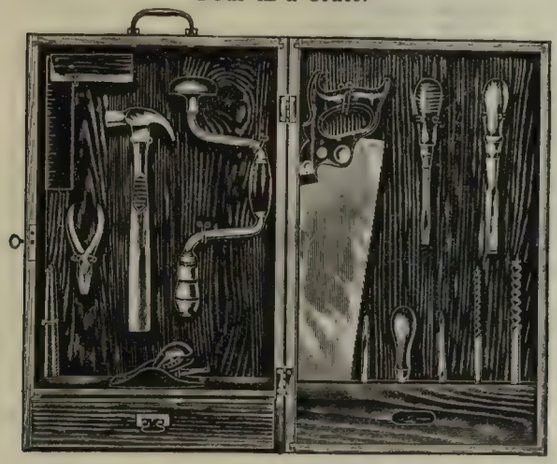
No. 99—Outside Dimensions 22x14x5½ in., Complete with Tools, Every Tool Warranted.....**$12.10**

CONTENTS: 14 TOOLS AS FOLLOWS

1 No. 80 16 in. Saw.
1 No. 1½ Standard Nail Hammer.
1 No. 210 Brace.
1 No. 5 4 in. Screw Driver.
1 No. 102 Block Plane.
1 ¼ in. Common Auger Bit.
1 ½ in. Common Auger Bit.
1 German Gimlet Bit.
1 Pr. No. 85 5 in. Pliers.
1 No. 1 ½ in. Socket Firmer Chisel.
1 No. 68 Rule.
1 Brad Awl.
1 Nail Set.
1 No. 20 6 in. Try Square.

Weight Each Set About 14 Pounds.
One in a Crate.

Tool Cabinets.



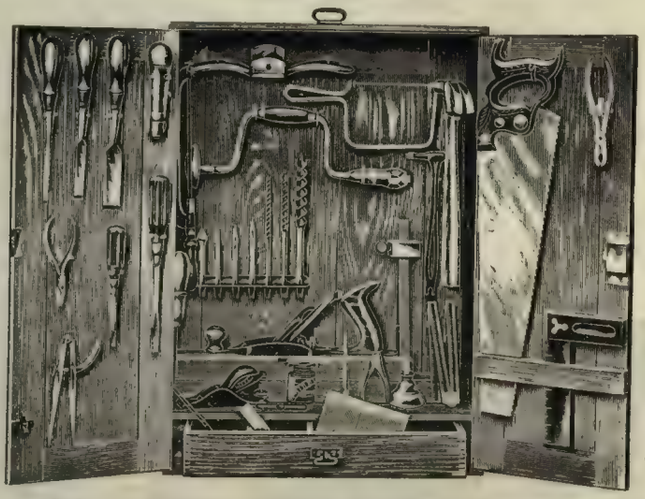
Thoroughly Seasoned and Well Finished Cabinet. Each

No. 99½—Outside Dimensions 22x14x5½ in., Complete with Tools, Every Tool Warranted...**$16.00**

CONTENTS: 21 TOOLS AS FOLLOWS

1 No. 80 16 in. Saw.
1 No. 1½ Standard Nail Hammer.
1 No. 102 Block Plane.
1 Pr. No. 1399 Gas Pliers.
1 Pr. No. 85 5 in. Pliers.
1 No. 1 ¼ in. Socket Firmer Chisel.
1 No. 1 ¾ in. Socket Firmer Chisel.
1 No. 5 Tool Holder with 10 Tools.
1 No. 210 Brace.
1 ¼ in. Common Auger Bit.
1 ½ in. Common Auger Bit.
1 ¾ in. Common Auger Bit.
1 German Gimlet Bit.
1 Rose Countersink Bit.
1 No. 5 4 in. Screw Driver.
1 No. 68 Rule.
1 Deerlick Oilstone.
1 Oil Can.
1 No. 20 6 in. Try Square.
1 Nail Set.
1 Screw Driver Bit.

Weight Each About 15 Pounds.
One in a Crate.



Made of Chestnut, Paneled and Nicely Finished. Each

No. 101—Outside Dimensions 26⅝x19⅝x8⅞ in., Complete with Tools, Every Tool Warranted....**$32.00**

CONTENTS: 36 TOOLS AS FOLLOWS

1 No. 60 18 in. Saw.
1 No. 828 Brace.
3 German Gimlet Bits.
1 ¼ in. Climax Auger Bit.
1 ½ in. Climax Auger Bit.
1 ¾ in. Climax Auger Bit.
1 ¼ in. Socket Firmer Chisel.
1 ½ in. Socket Firmer Chisel.
1 ¾ in. Socket Firmer Chisel.
1 No. 7 4 in. Screw Driver.
1 No. 7 6 in. Screw Driver.
1 No. 30 8 in. Hack Saw.
1 No. 31 3 in. Pocket Level.
1 Rose Countersink Bit.
1 No. 6 Cabinet Scraper.
1 No. 1½ Standard Hammer.
1 No. 25 Tack Hammer.
1 No. 5 Tool Holder with 10 Tools.
1 8 in. Drawing Knife
1 No. E26 Plane.
1 No. E102 Plane.
1 No. 61 Rule.
1 No. 20 6 in. Try Square.
1 No. 62 Marking Gauge.
1 Nail Set.
1 Pr. 7 in. Wing Dividers.
1 Pr. No. 1300 Gas Pliers.
1 Pr. No. 20 5 in. Pliers.
1 Pr. No. 95 5 in. Pliers.
1 Taper File.
1 Deerlick Oil Stone.
1 Oil Can.
1 Small Can Glue.
1 No. 100 Coping Saw.

Weight Each About 35 Pounds.
One in a Crate.

Tool Cabinets.

Made of Chestnut, Thoroughly Seasoned, Paneled and Nicely Finished.

Each

No. 102—Outside Dimensions 28⅞x24⅞x8 5/16 in., Complete with Tools, Every Tool Warranted....**$44.50**

CONTENTS: 46 TOOLS AS FOLLOWS

1 No. 88 Brace.
1 No. 60 20 in. Panel Saw.
1 No. 60 20 in. Rip Saw.
1 ¼ in. Socket Firmer Chisel.
1 ½ in. Socket Firmer Chisel.
1 ¾ in. Socket Firmer Chisel.
3 Gimlet Bits.
1 ¼ in. Climax Auger Bit.
1 5/16 in. Climax Auger Bit.
1 ⅜ in. Climax Auger Bit.
1 ½ in. Climax Auger Bit.
1 ⅝ in. Climax Auger Bit.
1 ¾ in. Climax Auger Bit.
1 ⅞ in. Climax Auger Bit.
1 Rose Countersink Bit.
1 Square Reamer Bit.
1 No. 31 3 in. Pocket Level.
1 Screw Driver Bit.
1 No. 7 4 in. Screw Driver.
1 No. 7 6 in. Screw Driver.
1 12 in. Adams' Compass Saw.
1 No. 6 Cabinet Scraper.
1 No. 30 8 in. Hack Saw.
1 No. 100 Coping Saw.
1 No. 1½ Standard Nail Hammer.
1 No. 25 Tack Hammer.
1 No. 1 Black Warrior Shingling Hatchet.
1 No. 5 Tool Holder with 10 Tools.
1 No. 20 6 in. Try Square.
1 Nail Set.
1 No. E110 Plane.
1 No. E26 Plane.
1 Oiler.
1 Small Can Glue.
1 8 in. Drawing Knife.
1 No. 62 Marking Gauge.
1 No. 61 Rule.
1 Pr. 7 in. Wing Dividers.
1 Pr. No. 1300 Gas Pliers.
1 Pr. No. 20 5 in. Pliers.
1 Pr. No. 95 5 in. Pliers.
2 Files.
1 Deerlick Oil Stone.

Weight Each About 43 Pounds.

One in a Crate.

Hand Tool Case.

CARPENTERS'

Selected Hardwood, Handsomely Finished, Paneled Sides.

Each

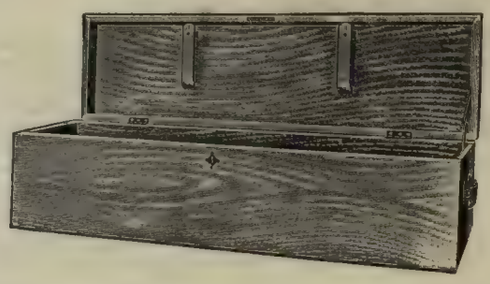
No. 35—Outside Dimensions 34¼x17x6 in., Inside Dimensions 33x15¾x5 in., Removable Tray 32½x1¾x4¼ in., Case is Furnished with Brass Lock, Leather Handle with Ring for Strap to Pass Over Shoulder, Metal Clasps, Metal Corners, Saw Rack for Holding 4 Saws, Including a 28 in. Rip Saw, Hooks for Brace and Coping Saw, Wood Button for Try Square, Partitioned Tray for Bits, Chisels and Small Tools, Space on Bottom to Hold Planes, Levels, Etc., Will Take a Steel Square with an 18 in. Tongue.....**$13.00**

Weight Each About 17 Pounds.

Six in a Crate.

Shoulder Tool Chest.

CARPENTERS'



Made of Chestnut, Dovetailed Corners, Brass Elbow to Support Lid when Open.

Each

No. 20—Inside Dimensions, 25 in. Long, 8 in. Wide, 8 in. Deep, Furnished with Rack for Holding Saws, Drop Handles and Lock.....**$6.70**

The above is a Portable Chest and can conveniently be carried on the shoulder.

Weight Each About 11 Pounds.

Six in a Crate.

Empty Tool Chests.

CARPENTERS'

No. 250.

Selected Chestnut, Filled and Varnished, Two Sliding Trays, Lock and Key.

Each

No. 250—Inside Measurements 28x14x10 in., Weight Each About 20 Lbs.....**$10.00**
One in a Crate.

Hardwood, Filled and Varnished, Paneled Lid, Heavy Band Mouldings, Two Sliding Trays, One Saw Rack, Lock and Key.

Each

No. 260—Inside Measurements 28x15x14 in., Weight Each not Crated 43 Lbs., Crated About 65 Lbs.....**$15.00**

No. 260½—Inside Measurements 32x16x10 in., Will Take a 26 in. Hand Saw, Weight Each not Crated 46 Lbs., Crated About 70 Lbs..... **17.25**

Nos. 260 to 270.

No. 270—Inside Measurements 32x18x16 in., Will Take a 28 in. Saw, Weight Each not Crated 62 Lbs., Crated About 100 Lbs. ..... Each
One in a Crate. **$19.50**

Machinists' Tool Case.

GEM

No. 4 Tool Chest Open.

Nos. 3 and 4 Tool Chest Closed.

All Metal, Black Baked Enamel Finish Drawers, Lined with Billiard Felt.

With Top Till, Four Large and Two Small Drawers, Two Handles and Two Keyed Steel Lock, Brass Tumblers.

Each

No. 3—Outside Dimensions, 16¼ in. Long, 9¾ in. Deep, 8½ in. High, Inside Dimensions, Top Till 16x9½x2½ in., Top Drawer 16x8¾x1¼ in., 2nd, 3rd and 4th Drawers 16x8¾x1 in., Two Bottom Drawers 6¾x9½x½ in., Weight Each 14 Lbs. **$11.10**

All Metal, Black Baked Enamel Finish, Drawer Lined with Billiard Felt.

With Top Till, Three Large and Two Small Drawers, Two Handles and Two Keyed Steel Lock, Brass Tumblers.

Each

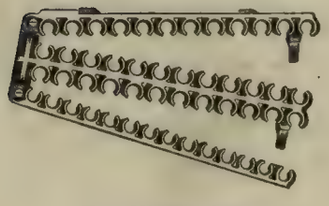
No. 4—Outside Dimensions, 18½ in. Long, 9¾ in. Deep, 8½ in. High, Inside Dimensions, Top Till 18¼x9½x3 in., Top Drawer 16¼x8¾x1½ in., 2nd and 3rd Drawers 18¼x8¾x1¼ in., Two Bottom Drawers 8x9¼x⅝ in., Weight Each 15 Lbs.....**$11.65**

The Gem Box is a practical Tool Chest, designed by a practical machinist and intended to hold with the greatest security the largest number of tools in the smallest space and in the most convenient manner.

One in a Carton.

Tool Holders.

STANLEY'S



Top View—Open.

Malleable Iron, Japanned.

Per Dozen

No. 255—15x6 in. when Closed, Will Hold 50 Small Tools, Weight Per Dozen About 84 Lbs.....**$24.50**

The use of this tool enables the owner to keep his benches clean and in good order. Prevents the tools from rubbing together and becoming dull.

One-twelfth Dozen in a Box.

Top View—Closed.

Cabinet Makers' Bench.

Selected Glued Up Hard Maple Tops, 2⅝ in. Thickness, with 10 in. Well or Recess for Tools, 2¾x3½ in. Maple Legs, Both Front and Tail Vise Fitted with 1⅛ in. Diameter Iron Bench Screws. The Under Side of Top and the Upper Edge of Front Girt are Grooved to Receive Slides.

	Each
No. 160—25 in. Wide, 6½ ft. Long, 34 in. High, 14 in. Maple Top, Weight Each 210 Lbs.	**$25.25**
No. 161—30 in. Wide, 6½ ft. Long, 34 in. High, 16 in. Maple Top, Weight Each 245 Lbs.	**27.50**
No. 162—30 in. Wide, 7 ft. Long, 34 in. High, 16 in. Maple Top, Weight Each 265 Lbs.	**29.75**

NOTE—Slide and Stops are not Included in Above Prices.

Shipped Knocked Down F. O. B. Factory, Charleston, W. Va.

Manual Training Benches.

No. 10.

No. 20.

Clear Selected Thoroughly Seasoned Kiln-Dried Hard Maple, Working Portion Composed of 1¾ in. Strips, Glued Up and Finished to Full 2¼ in. Thick or Over, Ends and Sides of Drawer ⅞ in. Thick, Bottom Full ⅜ in. One Piece Gum Veneer, Grooved in all Sides, Drawer Slides Mortised into Frame, Heavy Girts Full 5 in. Wide, Bolted to Frame with 6 in. Machine Bolts, Every Piece Thoroughly Sanded on all Sides, Completed Bench Oil Finished.

Dimensions—32 in. High, Top 42 in. Long, 22 in. Wide, 2¼ in. Thick, Tool Recess 7 in. Wide, Tool Rack 30 in. Long, Drawer 6 in. High, 22 in. Long, 19 in. Wide, Fitted with Bronze Pulls, One No. 3 Quick Working Vise.

	Each
No. 10—With Drawer, Weight Each 130 Lbs.	**$21.10**
No. 15—Without Drawer, Weight Each 115 Lbs.	**18.60**

Dimensions—32 in. High, Top 52 in. Long, 22 in. Wide, 2¼ in. Thick, Tool Recess 7 in. Wide, Drawer 6 in. High, Fitted with Bronze Pulls, One No. 3 Quick Working Vise on the Side and One on End of the Bench.

	Each
No. 20—With Drawer, Weight Each 175 Lbs.	**$31.10**
No. 25—Without Drawer, Weight Each 155 Lbs.	**28.60**

Shipped Knocked Down F. O. B. Factory, Muskegon, Mich.

Manual Training Benches.

Selected Maple, Carefully Glued, Double Tongue and Grooved Strips in the Bench Tops.

Glued Up Maple Top 1¾ in. Thick with 7 in. Well or Recess for Tools, 1¾x3 in. Maple Legs.

Each

No. 166 —20 in. Wide, 50 in. Long Exclusive of Tail Vise, 56 in. Over All, 32 in. High, 13 in. Maple Top, Front and Tail Vise Fitted with Iron Bench Screws, 1 in. Diameter, Furnished with 3 Spring Wood Stops.....**$17.50**

No. 166R—Same Description as No. 166, but has No. 7 Herriman Rapid Acting Front Vise and Regular Wood Tail Vise..... **25.60**

Weight Each About 120 Pounds.

Glued Up Oiled Maple Top, 1¾ in. Thick, with 7 in. Well or Recess for Tools, 1¾x3 in. Varnished Maple Legs, with Varnished Drawer, 18¼ in. Long, 28½ in. Wide, 5 in. Deep, Fitted with Lock.

Each

No. 166D —20 in. Wide, 50 in. Long Exclusive of Tail Vise, 56 in. Long Over All, 32 in. High, 13 in. Maple Top, Front and Tail Vise Fitted with Iron Bench Screws, 1 in. Diameter, Furnished with 3 Spring Wood Stops **$20.75**

No. 166DR—Same Description as No. 166D, but has No. 7 Herriman Rapid Acting Front Vise and Regular Wood Tail Vise..... **29.00**

Weight Each About 140 Pounds.

Glued Up Oiled Maple Top, 1¾ in. Thick, with 7 in. Well or Recess for Tools, 1¾x3 in. Varnished Maple Legs, Varnished Cabinet Contains 3 Drawers 19 in. Long, 18½ in. Wide, 4 in. Deep, Cupboard 10x14x18½ in., Drawer and Cupboard Fitted with Good Locks.

Each

No. 167—20 in. Wide, 50 in. Long Exclusive of Tail Vise, 56 in. Over All, 32 in. High, 13 in. Maple Top, Front and Tail Vise Fitted with Iron Bench Screws, 1 in. Diameter, Furnished with 3 Spring Wood Stop.....**$30.50**

Weight Each About 175 Pounds.

Glued Up Oiled Maple Top, 1¾ in. Thick, with 7 in. Well or Recess for Tools, 1¾x3 in. Varnished Maple Legs, Varnished Cabinet Contains 3 Drawers, 19 in. Long, 18½ in. Wide, 4 in. Deep and Cupboard 10x14x18½ in., Drawer and Cupboard Fitted with Good Locks.

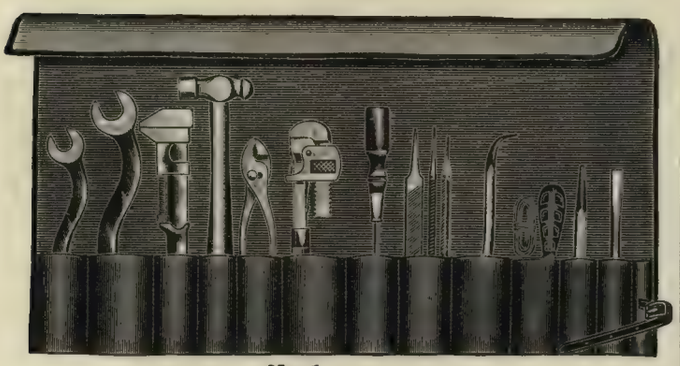
Each

No. 167R—20 in. Wide, 50 in. Long Exclusive of Tail Vise, 56 in. Over All, 32 in. High, 13 in. Maple Top, Equipped with No. 7 Herriman Rapid Acting Front Vise and Regular Wood Tail Vise, Furnished with 3 Spring Wood Stops **$38.50**

Weight Each About 200 Pounds.

Shipped Knocked Down F. O. B. Factory, Charleston, W. Va.

Automobile Kits.



No. 1.

8 Oz. Brown Canvas Roll, Black Tape Bound, 13 Pockets, 7 in. Deep, Strap and Buckle Fastening.

Each

No. 1—Automobile Kit, Containing 15 Tools, Size of Roll 30 in. Long, 13 in. Wide.....**$7.80**

Weight Per Set 7¾ Pounds.

CONTENTS: 15 TOOLS AS FOLLOWS

1 No. 502 S Wrench.
1 No. 504 S Wrench.
1 No. 25 Auto Wrench.
1 10 in. Stillson Wrench.
1 No. E3-0 Eureka Ball Pein Hammer.
1 No. 16 Combination Plier.
1 8 in. Eureka Mill Bastard File.
1 8 in. Eureka Round Bastard File.
1 6 in. Eureka Slim Taper File.
1 No. 55 File Handle.
1 No. 7 6 in. Screw Driver.
1 ⅜ in. Eureka Cold Chisel.
1 No. 4 Machine Punch.
No. 20 Copper Wire.
1 Cotter Pin Extractor.

One Set in a Roll.

Brown Duck Roll, Black Leather Bound, 20 Riveted Loops, Strap and Buckle Fastening.

Each

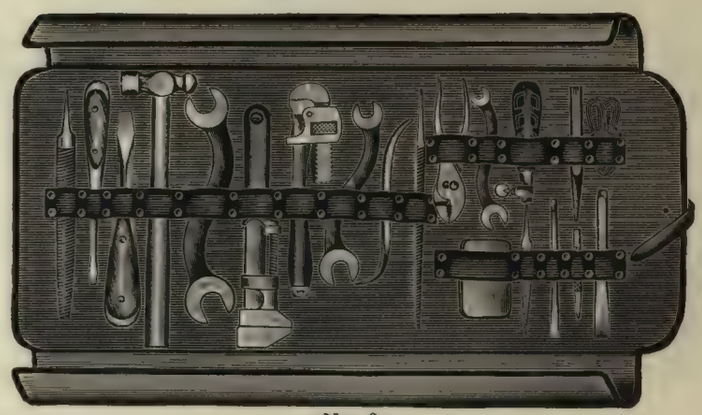
No. 2—Automobile Kit, Containing 21 Tools, Size of Roll 29 in. Long, 13 in. Wide.....**$11.75**

Weight Per Set 9¾ Pounds.

CONTENTS: 21 TOOLS AS FOLLOWS

1 No. 500 S Wrench.
1 No. 502 S Wrench.
1 No. 504 S Wrench.
1 No. 25 Auto Wrench.
1 10 in. Stillson Wrench.
1 No. E3-0 Eureka Ball Pein Hammer.
1 No. 998 4½ in. Screw Driver.
1 No. 999 4 in. Screw Driver.
1 No. 16 Combination Plier.
1 8 in. Eureka ½ Round Bastard File.
1 8 in. Eureka Round Bastard File.
1 4 in. Nicholson Warding File.
1 No. 55 File Handle.
1 ¼ in. Eureka Cold Chisel.
1 ½ in. Eureka Cold Chisel.
1 No. 18 Center Punch.
1 No. 4 Machine Punch.
1 Cotter Pin Extractor.
1 Box Assorted Spring Cotters.
No. 18 Copper Wire.
No. 20 Copper Wire.

One Set in a Roll.



No. 2.

Brown Duck Roll, Leather Bound, 29 Riveted Loops, Strap and Buckle Fastening.

Each

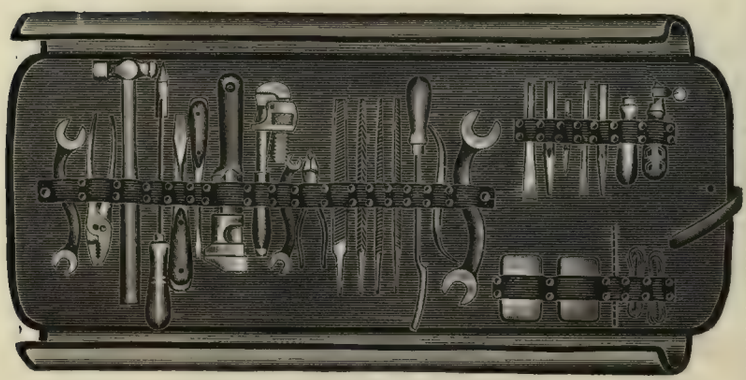
No. 3—Automobile Kit, Containing 29 Tools, Size of Roll 40 in. Long, 16 in. Wide....**$16.15**

Weight Per Set 13 Pounds.

CONTENTS: 29 TOOLS AS FOLLOWS

1 No. 500 S Wrench.
1 No. 502 S Wrench.
1 No. 504 S Wrench.
1 No. 25 Auto Wrench.
1 10 in. Stillson Wrench.
1 No. E3-0 Eureka Ball Pein Hammer.
1 No. 998 4½ in. Screw Driver.
1 No. 999 4 in. Screw Driver.
1 No. 260 8 in. Combination Plier.
1 No. 1050 6 in. Combination Plier.
½ Pr. 1 Lb. Soldering Coppers.
1 No. 55 File Handle.
1 8 in. Eureka Mill Bastard File.
1 8 in. Eureka Square Bastard File.
1 8 in. Eureka Round Bastard File.
1 8 in. Eureka Slim Taper File.
2 No. 213 File Handles.
1 Bearing Scraper.
1 Cotter Pin Extractor.
1 ¼ in. Eureka Cold Chisel.
1 ½ in. Eureka Cold Chisel.
1 No. 6 Machine Punch.
1 No. 4 Machine Punch.
1 No. 18 Center Punch.
No. 18 Copper Wire.
No. 20 Copper Wire.
Self Fluxing Wire Solder.
1 Box Assorted Spring Cotters.
1 Box. Assorted Lock Washers.

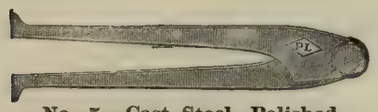
One Set in a Roll.



No. 3.

Calipers.

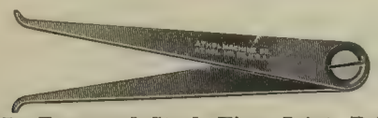
INSIDE



No. 5—Cast Steel, Polished.

Length, Inches....	3	4	5	6	7	8	10
Ap. Wt. Doz., Lbs.	⅜	½	1¼	1½	2¼	2¾	5¼
Per Dozen.....	$2.15	2.30	2.65	3.00	3.55	4.30	5.20

One Dozen in a Box.

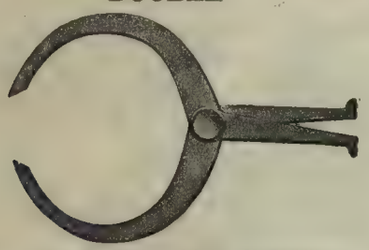


No. 55—Tempered Steel, Firm Joint, Polished.

Length, Inches	4	6	8	10
Ap. Wt. Dozen, Lbs....	1¼	2	4	6
Per Dozen	$8.00	10.40	12.80	16.00

One Dozen in a Box.

DOUBLE

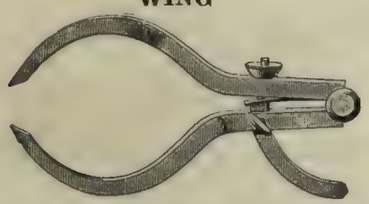


No. 6—Cast Steel, Polished.

Length, Inches	4	5	6
Ap. Weight Per Dozen, Lbs.	⅝	1⅛	1⅝
Per Dozen	$3.40	4.00	4.80

One Dozen in a Box.

WING



No. 20—Forged Steel, Polished, Cast Steel Spring and Set Screw.

Length, Inches	6	8	10
Ap. Weight Per Dozen, Lbs.	3¼	4½	7¾
Per Dozen	$6.80	8.80	10.40

One-half Dozen in a Box.

REGISTERING

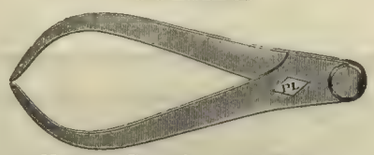
Forged Steel, Nickel Plated.

Per Dozen

No. 9—3 in. Inside or Outside, Weight Per Dozen About ½ Lb. $9.50

One Dozen in a Box.

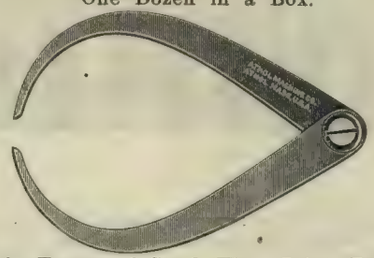
OUTSIDE



No. 4—Cast Steel, Polished.

Length, Inches....	3	4	5	6	7	8	10
Ap. Wt. Doz., Lbs.	⅜	½	1¼	1¾	2⅜	2¾	5¼
Per Dozen.....	$2.15	2.30	2.65	3.00	3.55	4.30	5.20

One Dozen in a Box.



No. 44—Tempered Steel, Firm Joint, Polished.

Length, Inches	4	6	8	10
Ap. Wt. Dozen, Lbs....	1¼	2½	4½	6
Per Dozen	$8.00	10.40	12.80	16.00

One Dozen in a Box.

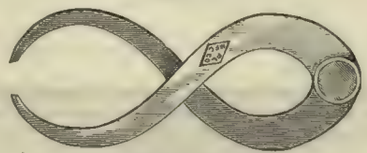
SPRING

No. 40—Cast Steel, Polished.

Length, Inches	4	4½	5	5½
Ap. Wt. Per Dozen, Lbs.	1½	2	2¼	2½
Per Dozen	$10.00	10.00	10.00	10.00
Length, Inches	6	7	8	10
Ap. Wt. Per Dozen, Lbs.	2¾	3	4½	6
Per Dozen	$10.00	12.10	14.45	18.60

One-half Dozen in a Box.

NAVY



Cast Steel, Polished.

Per Dozen

No. 7—3½ in. Long, Weight Per Dozen About ½ Lb...$3.35

One Dozen in a Box.

REGISTERING

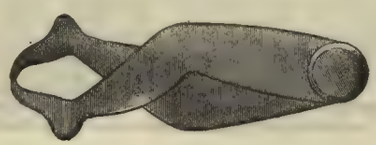
Forged Steel, Nickel Plated.

Per Dozen

No. 10—5 in. Inside or Outside, Weight Per Dozen 1¼ Lbs. $13.90

One-half Dozen in a Box.

FANCY



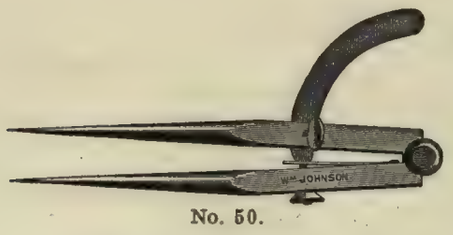
Cast Steel, Polished.

Per Dozen

No. 8—2½ in., Weight Per Dozen About ½ Lb.....$3.35

One Dozen in a Box.

Wing Dividers.



No. 50.

No. 50—Iron Wire Wings, Bent and Flattened, Steel Nuts, Brass Washers, Hardened Steel Points, Tempered Steel Springs.

Length, Inches	5	6	7	8
Ap. Wt. Dozen, Lbs.	3	3½	4½	6
Per Dozen	$3.50	3.50	4.15	4.75
Length, Inches	9	10	12	18
Ap. Wt. Dozen, Lbs.	7	8½	10	16
Per Dozen	$5.70	6.35	7.60	22.25

5 to 8 in., One Dozen; Larges Sizes, One-half Dozen in a Box.

No. 41W—Spring, Cast Steel, Polished.

Length, Inches	4	4½	5	5½	6
Ap. Wt. Doz., Lbs.	1	1½	2	2½	2½
Per Dozen	$10.15	10.15	10.15	10.15	10.15

One-half Dozen in a Box.

No. 1—COOK'S PATTERN, Extension, Fine Tool Steel Points, Tempered and Polished, Movable Leg.

Length, Inches	6	8	10
Ap. Wt. Per Dozen, Lbs.	4	5	6
Per Dozen	$11.40	13.90	15.20

One-half Dozen in a Box.

Compasses.

No. 25.

No. 25—Forged Steel, Polished.

Length, Inches	3⅛	4	5	6
Ap. Wt. Per Dozen, Lbs.	¾	1¼	1⅝	2⅝
Per Dozen	$2.82	2.93	3.15	3.60
Length, Inches	7	8	9	10
Ap. Wt. Per Dozen, Lbs.	3	3½	4¾	6½
Per Dozen	$4.95	5.85	6.75	7.20

One Dozen in a Box.

Pencil Compasses.

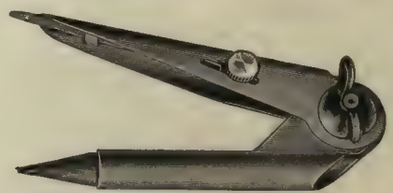
Faber's Blued Steel Holder, Nickel Plated, Steel Point.

Per Dozen

No. 1750—3¼ in. Long with No. 1750 Faber Pencils, Weight Per Dozen About ½ Lb. $2.25

One Dozen on a Card.

Scribers.



Stamped Steel Frame, Polished, Steel Set Screw, Steel Thumb Nut, One Leg Holds Pencil, the Other has Adjustable Steel Point.

Per Dozen

Gem Scriber—3¼ in. Long, Weight Per Dozen About 1 Lb. $4.45

One Dozen in a Box.

Pencil Holders.

In Use.

Full Size.

Cast Iron, Corrugated, Nickel Plated.

Per Dozen

No. 8—1¼ in. Long, One Dozen on a Card, Weight Per Dozen About ½ Lb. $1.90

Two Dozen in a Box.

Brass, Tinned with Thumb Screw.

Can be Attached to Any Divider.

Per Dozen

No. 1800—Excelsior, 1⅜ in. Long, Weight Per Dozen ⅝ Lb. $2.80

One Dozen in a Box.

Starrett's Tools.

STEEL RULES

English Measure.

Starrett's Rules are Divided into Parts of Inches as Follows:

No. 1 Graduation.

First Corner 10, 20, 50, 100
Second Corner 12, 24, 48
Third Corner 16, 32, 64
Fourth Corner 14, 28

No. 6 Graduation.

First Corner 32
Second Corner 48
Third Corner 50
Fourth Corner 64

No. 11 Graduation.

First Corner 64
Second Corner 100

No. 14 Graduation.

First Corner 8
Second Corner 32

No. 2 Graduation.

First Corner 10, 20, 50, 100
Second Corner 12, 24, 48
Third Corner 16, 32, 64
Fourth Corner 8,

No. 7 Graduation.

First Corner 64
Second Corner 32
Third Corner 16
Fourth Corner 100

No. 12 Graduation.

First Corner 50
Second Corner 100

No. 15 Graduation.

First Corner 10
Second Corner 20
Third Corner 50
Fourth Corner 100

No. 4 Graduation.

First Corner 64
Second Corner 32
Third Corner 16
Fourth Corner 8

No. 10 Graduation.

First Corner 32
Second Corner 64

No. 13 Graduation.

First Corner 8
Second Corner 16

No. 16 Graduation.

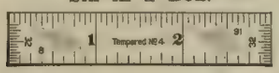
First Corner 32
Second Corner 64
Third Corner 50
Fourth Corner 100

No. 303—Spring Tempered, Graduated End, No. 18 Gauge or 1/64 in. Thick, No. 4 Graduations in 32ds of an Inch, on Opposite Sides of One End.

Length, In....	2	3	4	6
Width, In.....	½	5/8	5/8	¾
Wt. Each, Oz.	1	1	1	1½
Each	$0.39	.55	.71	1.01

Length, In....	9	12	18	24
Width, In.....	⅞	1	1⅛	1¼
Wt. Each, Oz.	2	3	4	6
Each	$1.56	1.95	3.12	3.90

Six in a Box.



No. 603—Spring Tempered, No. 18 Gauge or 1/64 in. Thick, No. 4 Graduations with 32ds of an Inch on Both Ends of One Side.

Length, In....	2	3	4	6
Width, In.....	½	5/8	5/8	¾
Wt. Each, Oz.	1	1	1	1
Each	$0.39	.55	.71	1.01

Length, In....	9	12	18	24
Width, In.....	⅞	1	1⅛	1¼
Wt. Each, Oz.	2	3	4	6
Each	$1.56	1.95	3.12	3.90

Six in a Box.

IMPROVED HOOK

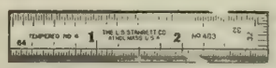
No. 419—Spring Tempered, No. 18 Gauge or 1/64 in. Thick, Graduated End, No. 4 Graduations, with Hook.

Length, Inches.	6	9	12
Width, Inches..	¾	⅞	1
Wt. Each, Oz..	1	2	3
Each	$1.56	2.18	2.75

Length, Inches.	18	24	36
Width, Inches..	1⅛	1¼	1¼
Wt. Each, Oz..	5	7	11
Each	$3.90	4.68	8.98

Very convenient in taking measurements from round corners, through hubs of pulleys, setting inside calipers, etc. The hook can be removed by turning eccentric stud one-half round.

Three in a Box.



No. 403—Spring Tempered, One Beveled Edge and Graduated End, No. 18 Gauge or 1/64 in. Thick, No. 4 Graduations, 64ths on Beveled Edge, 32ds of an Inch on Opposite Sides of One End.

Length, In....	2	3	4	6
Width, In.....	½	5/8	5/8	¾
Wt. Each, Oz.	1	1	1	1
Each	$0.39	.55	.71	1.01

Length, In....	9	12	18	24
Width, In.....	⅞	1	1⅛	1¼
Wt. Each, Oz.	2	3	4	6
Each	$1.56	1.95	3.12	3.90

Six in a Box.

NARROW

No. 330—Spring Tempered, No. 18 Gauge, No. 10 Graduations on One Corner Each Side Whole Length, in 32ds and 64ths of an Inch.

Length, In....	4	6	9	12
Width, In.....	3/16	3/16	3/16	3/16
Wt. Each, Oz.	¼	½	½	½
Each	$0.71	1.01	1.56	1.95

Six in a Box.

THUMB SLIDE

Spring Tempered, with Thumb Slide, 1/64 in. Thick, Graduated.

Nos.	290	291	292	297
Length, In....	6	6	6	6
Width, In.....	¾	¾	¾	¾
Graduation No.	4	1	2	7
Wt. Each, Oz.	2	2	2	2
Each	$1.56	1.56	1.56	1.56

Useful in measuring against a shoulder, the width of flanges, collars, etc. The slide may be used on either edge of the rule, or removed and the rule used alone.

Four in a Box.

No. 320—Flexible, Very Thin, Spring Tempered, No. 10 Graduations, in 32ds and 64ths of an Inch, on One Side Only.

Length, In....	1	2	3	4
Width, In.....	½	½	½	½
Wt. Each, Oz.	1	1	1	1
Each	$0.24	.39	.55	.71

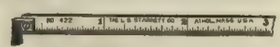
Length, In....	6	9	12	18
Width, In.....	½	½	½	¾
Wt. Each, Oz.	1	1	1	1½
Each	$1.01	1.56	1.95	3.12

Length, In....	24	36	48
Width, In.....	¾	¾	¾
Wt. Each, Oz.	2	2½	3
Each	$3.90	7.80	10.95

Rules from 18 to 48 in. are a trifle heavier stock than the smaller sizes.

Six in a Box.

NARROW HOOK

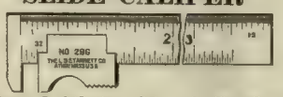


No. 422—Spring Tempered, No. 18 Gauge, No. 10 Graduations, One Side in 32ds, the Other in 64ths of an Inch, with Hook.

Length, Inches.....	4	6
Width, Inches.....	3/16	3/16
Weight Each, Oz.....	1	1
Each	$1.10	1.40

Designed for use in taking measurements through holes as small as ⅜ in. Can also be used for setting inside Calipers. Three in a Box.

SLIDE CALIPER



Hardened Blade, No. 4 Graduations, 32ds and 64ths on Front, 8ths and 16ths on Back, Jaws are ½ in. Deep, Thumb Piece Slides in a Groove on Reverse Side. Each

No. 296—Slide Caliper Rule Weight Each About 1 Oz. ..$1.95

No. 296M—Graduated in Millimeters and ½ Millimeters, Weight Each About 1 Oz... 1.95

Convenient to take measurements on small rods, tubing, etc.

Four in a Box.

Starrett's Tools.

BLACKSMITHS' RULES

Folding, Best Quality Spring Tempered Steel, No. 13 Graduations, Graduated in 8ths of an Inch on One Side and 16ths on the Other. Length 2 ft., Width ¾ in., 12 in. Joints, 2 Fold.

	Each
No. 460—Steel	$0.78
No. 461—Steel, with Stop Joint.	1.18

Folding, Hard Brass, No. 13 Graduations, Graduated in 8ths of an Inch on One Side and 16ths on the Other. Length 2 ft., Width ¾ in., 12 in. Joints, 2 Fold.

	Each
No. 462—Brass with Stop Joint.	$1.18

Weight Per Dozen About 2½ Pounds.

One-twelfth Dozen in a Box.

STEEL STRAIGHT EDGES

No. 380—Plain, Not Graduated.

Length, Inches.	12	18	24	36
Width, Inches..	1	1¼	1½	2
Thickness, In..	1/8	1/8	1/8	¼
Wt. Each, Lbs.	¾	1	1⅝	4½
Each	$2.00	3.00	4.00	8.35

Length, Inches.	48	60	72
Width, Inches..	2½	3	3
Thickness, In..	¼	¼	¼
Wt. Each, Lbs.	7	13	16½
Each	$13.35	20.00	26.65

Six in a Box.

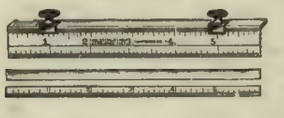
No. 385—One Beveled Edge, 1/16 in. Thick, from ½ to ⅝ in. Back.

Length, Inches ..	12	18	24
Width, Inches ...	1	1¼	1½
Thickness, Inches.	1/16	1/16	1/16
Wt. Each, Lbs...	⅝	1⅛	1¾
Each	$2.50	4.18	6.82

Length, Inches ..	36	48
Width, Inches ...	2	2½
Thickness, Inches.	¼	¼
Wt. Each, Lbs...	5	7
Each	$10.00	16.65

Six in a Box.

PATENT KEY-SEAT STEEL RULES



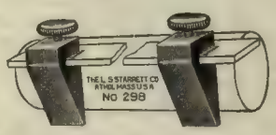
Spring Tempered Scale, Graduated in 8ths, 16ths, 32ds and 64ths, Beveled Edge.

	Each
No. 105—Length 6 in., Weight 3 Oz.	$3.80

The improved feature in this rule consists of a device for holding two straight edges in the form of a box square (or Key Seat Rule) seeurely together.

One in a Box.

KEY SEAT CLAMPS



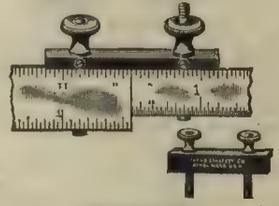
Case Hardened Steel, Ground Accurate.

	Per Pair
No. 298—Weight Per Pair 2 Oz.	$0.95

Designed to transform any common steel scale into a Key Seat Rule. Can be put on or off almost instantly.

One Pair in a Box.

RULE CLAMPS



Blued Steel.

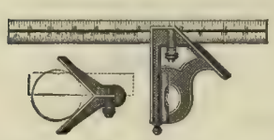
	Each
No. 299—2½ in. Long	$0.85

Weight Each 2 Ounce.

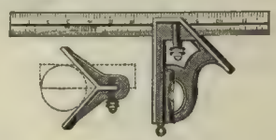
This little tool is used to clamp two steel rules together, end to end, making one long rule. The rules may be of the same or different widths up to 1¼ in. This clamp will be of special value to mechanics, whose tool chests will usually not hold rules longer than 12 in.

Six in a Box.

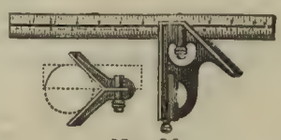
PATENT COMBINATION SQUARES



No. 11.



No. 23.



No. 33.

Japanned Iron Stock. and Center Head, Hardened Blade, Graduated with Heavy Figures Reading Both Ways, No. 4 Graduations.

No. 11—With Center Head.

Length, Inches	6	9	12	18	24
Weight Each, Lbs.	½	¾	1	1¼	1⅝
Each	$2.35	2.75	3.12	4.30	5.10

No. 11W—Without Center Head.

Length, Inches	4	6	9	12	18	24
Weight Each, Lbs.	¼	½	¾	1	1¼	1⅝
Each	$1.18	1.56	1.95	2.35	3.52	4.30

The 4 in. is without center head or level.

The 6, 9, 12, 18 and 24 in. have levels (in their stocks) and center heads.

Every tool warranted accurate. With the adjustable scale this forms one of the most convenient and useful tools ever devised for mechanics' use. It is a complete substitute for a whole set of common try squares, and is one of the best gauges made for transferring exact measurements or laying out work.

One in a Box.

Japanned Iron Stock and Center Head, Good Hard Steel Blade, Not Hardened, No. 4 Graduation Only, Similar in Design to No. 11.

No. 23—With Center Head.

Length, Inches	9	12
Weight Each, Lbs.	1⅛	1⅝
Each	$2.35	2.70

No. 23W—Without Center Head.

Length, Inches	9	12
Weight Each, Lbs.	1⅛	1⅛
Each	$1.68	2.00

One in a Box.

Japanned Iron Stock, Drop Forged Steel, Hardened Head, Hardened Blade, Graduated Blade with Heavy Figures Reading Both Ways, No. 4 Graduations.

No. 33—With Center Head.

Length, Inches	12
Weight Each, Lbs.	1⅛
Each	$4.68

No. 33W—Without Center Head.

Length, Inches	12
Weight Each, Lbs.	⅞
Each	$3.90

One in a Box.

Starrett's Tools.

No. 9—Hardened Blade, Showing Combination Square (No. 11) with Center Head and 7 in. Bevel Protractor Head (No. 12) all on the No. 11 Square Scale.

Length, Inches.	9	12	18	24
Wt. Set, Lbs..	1½	2	2	2
Per Set	$5.86	6.24	7.42	8.20

Each head may be instantly removed, or replaced and used interchangeably with the scale.

One Set in a Box.

IMPROVED BEVEL PROTRACTORS

No. 12—Hardened Steel Blades, (Same as Used on No. 11 Squares), No. 4 Graduations, Black Enameled Iron Blade.

Length of Blade, Inches.....	12
Length of Head, Inches.....	7
Weight Each, Lbs.....	1
Each	$4.70
	Each

Protractor Head—With Level Attachment, Weight 12 Oz..$3.15

An adjustable rule, held firmly at any point by a thumb nut, passes through a revolving turret which is nicely graduated in degrees from 0 to 90, both right and left, and can be accurately adjusted to show any angle.

One in a Box.

PATENT PROTRACTOR

No. 16—Hardened Steel Blade, Black Enameled Head, Turret Graduated Both Sides, the Other to Show Pitch to the Foot.

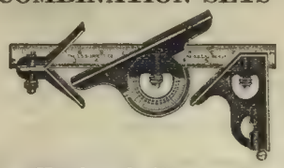
Length of Blade, Inches.....	12	18	24
Weight Each, Lbs.....	1½	1⅝	1¾
Complete, Each	$7.92	9.20	10.00
			Each

Stock Only—Weight Each ¾ Lb.....$5.85

Without the blade the stock may be used in contracted places as a 6 inch level and plumb, while with an 18 or 24 inch blade, a level and plumb of corresponding length is obtained.

One in a Box.

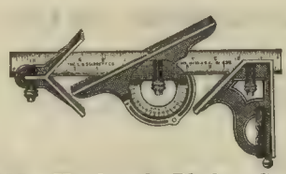
COMBINATION SETS



No. 434—Hardened Blade, Consisting of No. 33 Combination Square with Hardened and Drop Forged Stock and Center Head and No. 490 Protractor Head, No. 4 Graduation.

Length, Inches.	9	12	18	24
Wt. Set, Lbs.	1⅝	2	2¼	2¼
Per Set	$8.20	8.60	9.75	10.55

One Set in a Box.



No. 435—Hardened Blade, Consisting of No. 11 Combination Square with Hardened Blade, and No. 491 Reversible Protractor Head, No. 4 Graduations.

Length, Inches.	9	12	18	24
Wt. Set, Lbs..	1¾	2	2⅛	2¼
Per Set	$6.62	7.02	8.20	9.00

One Set in a Box.

BEVEL PROTRACTORS

No. 490—Hardened Steel Blade, Reversible Head, Graduated Turrets to Read Both Ways, No. 4 Graduations with Heavy Figures on Blade to Read Both Ways, Head 7 in. Long.

Length, Inches.	9	12	18	24
Wt. Each, Lbs.	1	1⅜	1⅜	1½
Per Set	$5.46	5.84	7.02	7.80
				Each

Protractor Head—With Level Attachment, Weight 30 Oz...$3.90

One in a Box.

BEVEL PROTRACTORS

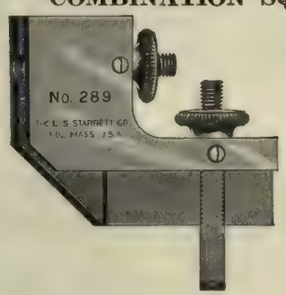
No. 491—Hardened Steel Blades, Reversible Head, Checked Finish, Graduated Turret to Read Both Ways, No. 4 Graduation with Heavy Figures on Blades to Read Both Ways.

Length, Inches.	9	12	18	24
Wt. Each, Lbs.	1	1⅜	1⅜	1½
Per Set	$5.46	5.84	7.02	7.80
				Each

Protractor Head—With Level Attachment, Weight 30 Oz...$3.90

One in a Box.

COMBINATION SQUARE ATTACHMENT



No. 289—Combination Square Attachment, Weight Each 2 Oz.....$1.42

This attachment is made to fit the 12, 18 and 24 in. Blades of Nos. 11, 23 and 33 Squares and can be used in connection with any Regular Starrett Rules as wide as one inch or with No. 21 Flat Steel Square for laying out key seats, etc.

One in a Box.

TOOL SETS

For Students and Apprentices.

No. 900.

In Folding Leather Cases.

Per Set

No. 900—Size of Case Folded 7x4¾x1⅜ in., Complete with Tools.$10.00

Contain the following Tools:

- **No. 11**—6 in. Combination Square, Complete.
- **No. 117B**—Center Punch.
- **No. 321**—6 in. Flexible Steel Rule in Pocket Case.
- **No. 390**—Center Gauge.
- **No. 241**—4 in. Caliper.
- **No. 79**—4 in. Outside Caliper with Solid Nut.
- **No. 73**—4 in. Inside Caliper with Solid Nut.
- **No. 83**—4 in. Divider, with Solid Nut.

Weight Per Set About 1½ Lbs.

One Set in a Case.

In Nicely Finished Wooden Case.

Per Set

No. 901—Size of Case 12x 7x1½ in., Complete with Tools $10.25

Contain the following Tools:

- **No. 11**—6 in. Combination Square, Complete.
- **No. 321**—6 in. Flexible Steel Rule in Pocket Case.
- **No. 117B**—Center Punch.
- **No. 390**—Center Gauge.
- **No. 77**—5 in. Divider, with Solid Nut.
- **No. 79**—6 in. Outside Caliper, with Solid Nut.
- **No. 73**—6 in. Inside Caliper, with Solid Nut.

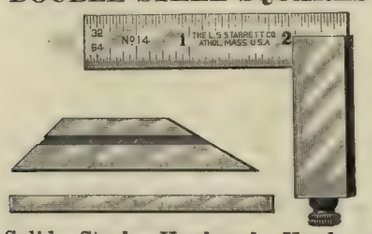
Weight Per Set About 2¾ Lbs.

One Set in a Box.

No. 901.

Starrett's Tools.

DOUBLE STEEL SQUARES



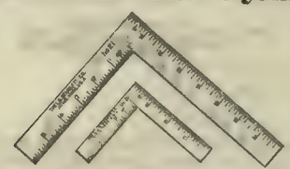
Solid Steel, Hardened Head and Blade, with 2½ in. Sliding Scale, Graduated in 32nds and 64ths on One Side Only. Each

No. 14A—Square Only, Weight 1½ Oz. $3.35

No. 14B—With Bevel or Narrow Blade, Weight 2 Oz. 3.85

No. 14C—Complete with Bevel and Narrow Blade, Weight Each 3 Oz. 4.35

THIN STEEL TRY SQUARES



No. 21—For Machinists and Draughtsmen.

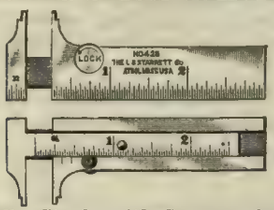
1-20 in. Thick, Graduated in 16ths and 64ths on One Side, 32nds and 64ths on the Other.

Size, Inches	2x1	3x2
Wt. Each, Ozs.	½	1
Each	$1.70	2.35

⅛ in. Thick, Graduated in 16ths and 32ds on Both Sides.

Size, Inches	4x3	6x4
Weight Each, Lbs.	1½	2
Each	$3.40	5.00

POCKET SLIDE CALIPERS



No. 425—Steel, with Improved Clamping Device, Graduated in 32nds and 64ths.

Size, Inches	3	5
Width, Inches	11/16	1
Thickness, Inches	7/32	⅛
Wt. Each, Ozs.	1	3
Each	$3.35	5.00

CALIPER SQUARES

For Both Inside and Outside Measure, Graduated Beam, 64ths on One Side, 100ths on the Other.

With Adjusting Screw.

Nos.	25A	25B	25C
Size, Inches	3	4	6
Weight Each, Oz.	2	2½	3
Each	$5.85	6.70	9.20

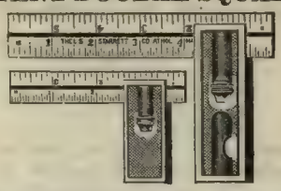
Without Adjusting Screw.

Nos.	25D	25E	25F
Each	$5.00	5.85	8.35

Each

Extra with Hardened Jaws..... $2.50

PATENT DOUBLE SQUARES

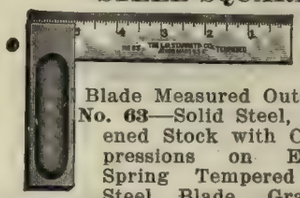


No. 13—Japanned Cast Iron Stock, Hardened Graduated Blade, No. 4 Graduations with Level in Stock.

Size, Inches	4	6	9
Wt. Each, Lbs.	5	10	15
Each	$2.75	4.15	5.00

The seat against which the blade is clamped being convex, should corners of the blade get injured, the accuracy of the square is not affected.

STEEL SQUARES



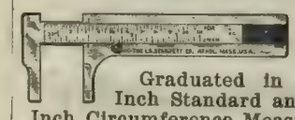
Blade Measured Outside Beam.

No. 63—Solid Steel, Case Hardened Stock with Concave Depressions on Each Side, Spring Tempered Hardened Steel Blade, Graduated in 32nds on One Side, 64ths on the Other.

Size, Inches	2	3	4
Stock, Inches	1½	2	2¾
Wt. Each, Ozs.	1	2½	4½
Each	$2.50	3.25	4.20

Size, Inches	6	9	12
Stock, Inches	3¾	5½	6½
Wt. Each, Ozs.	8	16	28
Each	$5.85	9.20	10.85

SLIDE RULE CALIPER AND CIRCUMFERENCE GAUGE

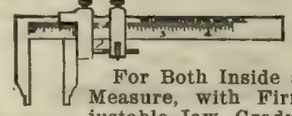


Graduated in 32nds of an Inch Standard and 16ths of an Inch Circumference Measure. Each

No. 424—Opens 3½ in., Will Caliper a Cylinder Up to 2½ in. Diameter, Jaws are 1⅛ in. Deep, Weight Each About 3 Oz. $5.85

This gauge has a double function—being graduated to read the circumference as well as the diameter of the thing measured, the relation of circumference to diameter being shown by the graduations on upper corners of the rule. (Capacity 3½ in. about 11 in. Circumference.)

CALIPER SQUARES



For Both Inside and Outside Measure, with Firm and Adjustable Jaw, Graduated Beam, 64ths on One Side, 100ths on the Other.

With Adjusting Screw.

Nos.	426A	426B
Size, Inches	3	4
Weight Each, Ozs.	2	2½
Each	$6.25	7.50

Without Adjusting Screw.

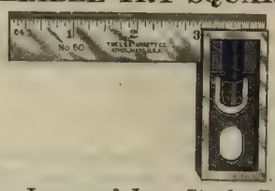
Nos.	426D	426E
Each	$5.00	5.85

Each

Extra with Hardened Jaws..... $2.50

All Above, One in a Box.

RELIABLE TRY SQUARES

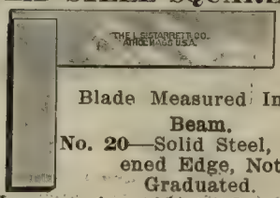


No. 60—Japanned Iron Stock, Polished Steel Blade, Graduated, Not Hardened.

Lgth. Blade, In.	4	5	6
Lgth. Beam, In.	2 1/16	3	3 5/8
Wt. Each, Ozs.	3	5	7
Each	$1.70	1.95	2.10

Lgth. Blade, In.	9	12
Lgth. Beam, In.	5 1/16	6
Wt. Each, Ozs.	11	16
Each	$3.40	4.60

SOLID STEEL SQUARES



Blade Measured Inside Beam.

No. 20—Solid Steel, Hardened Edge, Not Graduated.

Blade, In.	1	1½	2	3
Stock, In.	1	1½	1⅞	2⅜
Wt. Each, Oz.	½	1	1½	4
Each	$2.35	2.92	3.40	4.20

Blade, In.	4½	6	9	12
Stock, In.	3½	4 5/16	5 9/16	7
Wt. Ea., Lbs.	⅝	¾	2	2¾
Each	$5.85	7.50	10.85	15.00

Blade, In.	15	18	24
Stock, In.	8⅝	10½	12 1/16
Wt. Ea., Lbs.	5¾	8	11½
Each	$25.00	30.00	41.70

MICROMETER CALIPER SQUARES

For Outside and Inside Measure, Hardened Jaws 1⅝ in., Graduated Beam, 64ths on One Side, 40ths on the Other.

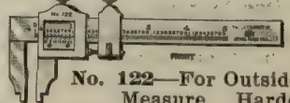
No. 28—With Case.

Size, In.	4	6	9	12
Wt., Lbs.	¼	⅜	¾	⅞
Each	$14.60	18.35	25.40	32.50

No. 28W—Without Case.

Size, In.	4	6	9	12
Each	$13.35	16.70	23.35	30.00

VERNIER CALIPERS

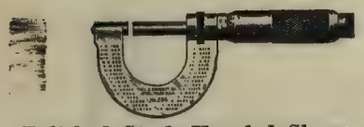


No. 122—For Outside and Inside Measure, Hardened Jaws, Beam Graduated on the Front to Read by Means of the Vernier in 1000ths of an Inch, Graduated 64ths on the Back.

Size, Inches	4	6	9
Lgth. Jaws, In.	1 3/16	1 3/16	2⅜
Width Jaws, In.	250	250	300
Wt. Each, Ozs.	5	6	12
Each	$24.55	28.35	34.00

Size, Inches	12	24
Lgth. Jaws, In.	2⅜	2⅜
Width Jaws, In.	300	300
Wt. Each, Ozs.	14	32
Each	$37.50	46.90

Starrett's Tools



Polished Steel, Knurled Sleeve, with Ratchet Stop and Lock Nut.

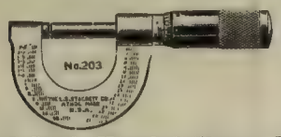
For Measurements by Thousandths Up to 1 Inch.

	Each
No. 204—Without Case	**$16.70**
No. 0204—With Leather Case	**17.55**

Weight in Case About 12 Oz.

One in a Box.

ONE INCH MICROMETERS



Polished Steel, Knurled Sleeve, WITHOUT Lock Nut or Ratchet Stop.

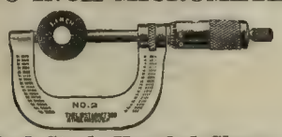
For Measurements by Thousandths Up to 1 Inch.

	Each
No. 203—Without Case	**$8.35**
No. 0203—With Leather Case	**9.20**

Weight in Case About 12 Ounces.

One in a Box.

TWO INCH MICROMETERS



Polished Steel, Knurled Sleeve, with Lock Nut, Ratchet Stop and 1 in. Test Gauge.

For Measurements by Thousandths from 1 to 2 Inch.

	Each
No. 2—Without Case	**$10.85**
No. 02—With Leather Case	**12.10**

For Measurements by 10 Thousandths from 1 to 2 Inch.

	Each
No. 213—Without Case	**$12.50**
No. 0213—With Leather Case	**13.75**

Weight in Case About 15 Ounces.

One in a Box.

No. 212 Attachment can be used with the above 2 in. Micrometers.

Polished Steel, Knurled Sleeve Shortened Anvil with Ratchet Stop and Lock Nut.

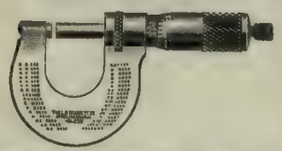
For Measurements by Thousandths Up to 1 Inch.

	Each
No. 230—Without Case	**$10.00**
No. 0230—With Leather Case	**10.85**

Weight in Case About 12 Oz.

One in a Box.

HEAVY ONE INCH MICROMETERS



HEAVY, Polished Steel, Hardened Wearing Parts, Knurled Sleeve with Ratchet Stop and Lock Nut.

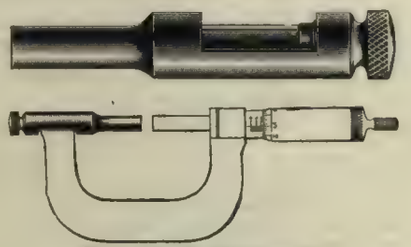
For Measurements by Thousandths Up to 1 Inch.

	Each
No. 238—In Wooden Box, Weight Each 12 Oz.	**$11.70**

These Micrometers are heavier than the regular one inch Micrometers. They are especially useful on grinding work and wherever it is necessary to take measurements after the lock nut is set.

One in a Box.

MICROMETER ATTACHMENTS



For 2 Inch Micrometer

	Each
No. 212—Micrometer Attachment Weight Each 1 Oz.	**$3.35**

This attachment, by means of which a 2 inch micrometer may be instantly converted into a 1 inch tool, will be furnished, when ordered, with any of our 2 in. or 50 millimeter micrometers.

One in a Box.

Polished Steel, Knurled Sleeve, with Ratchet Stop and Lock Nut.

For Measurements by Thousandths Up to 1 Inch.

	Each
No. 3—Without Case	**$10.00**
No. 03—With Leather Case	**10.85**

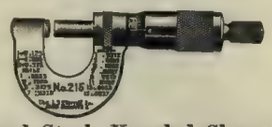
For Measurements by 10 Thousandths Up to 1 Inch.

	Each
No. 113—Without Case	**$11.70**
No. 0113—With Leather Case	**12.55**

Weight Each with Case 12 Ounces.

One in a Box.

ONE-HALF INCH MICROMETERS



Polished Steel, Knurled Sleeve, with Ratchet Stop and Lock Nut.

For Measurements by Thousandths Up to ½ Inch.

	Each
No. 215—Without Case	**$8.35**
No. 0215—With Leather Case	**9.20**

Weight with Case About 8 Ounces.

One in a Box.

SCREW THREAD MICROMETERS

Polished Steel, Knurled Sleeve, Pointed Spindle, Weight 7 Oz., Capacity 1 in.

	Each
No. 575A—8 to 13 Thread, V. & U. S. or Whit. Std.	**$12.50**
No. 575B—14 to 20 Thread, V. & U. S. or Whit. Std.	**12.50**
No. 575C—22 to 30 Thread, V. & U. S.	**12.50**
No. 575D—32 to 40 Thread, V. & U. S.	**12.50**

In the above Screw Thread Micrometers the movable spindle is pointed, and the end of the anvil is of the same form as the thread to be measured. In measuring screw threads the angle of point and sides of the V come in contact with the cut surface of the thread, so that the reading of the caliper indicates the pitch diameter or the full size of thread less the depth of one thread.

One in a Box.

INSIDE MICROMETERS

Polished Steel, All Contact Surfaces Hardened, with Case.

Set No. 124A.

	Per Set
No. 124A— 6 Rods, One ½ in. Gauge, Measures from 2 to 8 in., Weight 4 Ozs.	**$ 8.75**
No. 124B—10 Rods, One ½ in. Gauge, Measures from 2 to 12 in., Weight 7 Ozs.	**10.85**
No. 124C— 4 Rods, One 1 in. and Two 2 in. Gauges, Measures from 8 to 32 in., Weight 1½ Lbs.	**13.35**
No. 124D—Comprises Sets Nos. 124A and 124C, Measures from 2 to 32 in., Weight 2¼ Lbs.	**20.85**

Designed for internal and lineal measurements, such as measuring cylinders, rings; also for setting calipers, comparing gauges, etc. It is also useful in measuring parallel surfaces.

These Extension Rods are provided with a Collar against which the Rods are conveniently and accurately set in the Micrometer Head. With the Rods are sent Standard Gauges or Rings to slip on the Rods under the Collars to further extend the Rod.

One Set in a Leatherette Case.

Starrett's Tools.

NEW MICROMETERS

No. 226—Frames are Drop Forged from Bar Steel, Nicely Finished, Graduated by Thousandths.

	Each
1 Inch, with Decimal Equivalents Stamped on Frame, without Ratchet Stop, Weight 7 Oz.	$ 9.20
1 Inch, with Decimal Equivalents Stamped on Frame, with Ratchet Stop, Weight 7 Oz.	10.00
2 Inch, From 1 to 2 in., without Ratchet Stop, Weight 14 Oz.	7.50
2 Inch, From 1 to 2 in., with Ratchet Stop, Weight 14 Oz.	8.35
1 in. Standard for Adjusting.	1.70
3 Inch, From 2 to 3 in., without Ratchet Stop, Weight 16 Oz.	10.00
3 Inch, From 2 to 3 in., with Ratchet Stop. Weight 16 Oz.	10.85
2 in. Standard for Adjusting.	1.70
4 Inch, From 3 to 4 in., without Ratchet Stop, Weight Each 23 Oz.	$10.85
4 Inch, From 3 to 4 in., with Ratchet Stop, Weight Each 23 Oz.	11.65
3 in. Standard for Adjusting.	1.95
5 Inch, From 4 to 5 in., without Ratchet Stop, Weight 26 Oz.	12.10
5 Inch, From 4 to 5 in., with Ratchet Stop, Weight 26 Oz.	12.95
4 in. Standard for Adjusting.	2.25
6 Inch, From 5 to 6 in., without Ratchet Stop, Weight 36 Oz.	13.35
6 Inch, From 5 to 6 in., with Ratchet Stop, Weight 36 Oz.	14.20
5 in. Standard for Adjusting.	2.50

Prices in Sets.

	Per Set
Set of 3 Micrometers, Including 1, 2 and 3 in., without Ratchet Stop	$25.85
Set of 3 Micrometers, Including 1, 2 and 3 in., with Ratchet Stop	28.35
Set of 6 Micrometers, Including All Sizes from 1 in. to 6 in., without Ratchet Stop	60.00
Set of 6 Micrometers, Including All Sizes from 1 in. to 6 in., with Ratchet Stop	65.00

These Micrometers meet the demand for accurate gauges at a low price. They are better adapted for general use than the vernier or bar micrometer, as they can be set quickly for the different measurements and are more easily read.

Standards for use in adjusting these micrometers will be furnished when desired.

No. 2263—Case for Set of 3.

MICROMETER CASES

For No. 226 Micrometers.

Morocco Leather Covered, Velvet Lined, Well Made and Nicely Finished.

	Each
No. 2261—For Inch Micrometer Only, Weight Each 16 Oz.	$0.85
No. 2263—For Set of 3 Micrometers, Weight Each 19 Oz.	3.35
No. 2266—For Set of 6 Micrometers, Weight Each 43 Oz.	6.70

Open Stock.

No. 2266—Case for Set of 6.

ADJUSTABLE CALIPER GAUGES

No. 125—All Steel, Nicely Finished, with Three Rods.

The Diameter of the Steel Rods is .150 in.

Inches	2½	6
Capacity, Inches	2½ to 6¾	6 to 16
Wt. Each, Ozs.	1½	3
Per Set	$1.70	2.10

Designed for internal measurements of large cylinders and of distances between uprights. The body of the tool is a steel tube provided with a binding chuck on each of its ends. Into one end is clamped a plain rod, that, when the chuck is loosened, can be quickly adjusted to any approximate size. Into the other end is screwed a threaded anvil for fine adjustment.

One Set in a Box.

UNIVERSAL BEVEL PROTRACTORS

Graduated Disc from 0 to 90° Each Way, Sheet Steel Blade and Stock, Length of Stock 4 in.

Length of Blade, Inches	7	12
Without Case, Nos.	360A	360C
Weight Each, Ozs.	6	7
Each	$10.50	11.25
With Leatherette Case, Nos.	360B	360D
Weight Each, Ozs.	10	14
Each	$11.70	13.35

	Each
No. 360G—Attachment Extra, Weight 2½ Ozs.	$1.70

The attachment shown in the smaller engraving will be found very convenient for grinding worm thread tools, tapers on lathe centers, and all long tapers.

One in a Box.

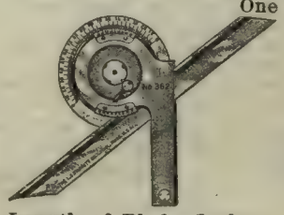
MICROMETER CALIPER GAUGES

No. 126—All Steel, Hardened Anvils, Marked and Graduated, with Five Rods.

Inches	2½
Capacity, Inches	2½ to 10
Weight Each, Ozs.	2½
Per Set	$3.35

Designed for close internal measurements, indicating thousandths where a definite distance in inches is not essential. The body of the tool is a steel tube, provided at one end with a binding chuck in which are fastened the plain rods, and it can quickly be adjusted to any approximate size.

One Set in a Box.



UNIVERSAL BEVEL PROTRACTOR WITH VERNIER

Graduated Disc from 0 to 90° Each Way, Sheet Steel Blade and Stock, **with Vernier Reading 5 minutes or 1-12 of a Degree.** Length of Stock 4 in.

Length of Blade, Inches	7	12
Without Case, Nos.	362A	362C
Weight Each, Ozs.	6	7
Each	$13.35	15.00
With Case, Nos.	362B	362D
Weight Each, Ozs.	10	14
Each	$15.00	17.50

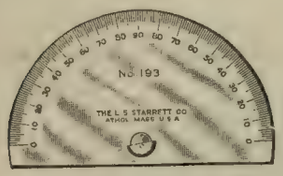
	Each
No. 362G—Attachment Extra, Weight Each 2½ Ozs.	$1.70

The verniers are so placed with relation to the graduated half circle as to make the protractor readable by vernier in any position. The blade, clamped by an eccentric stud against the edge of the disc, may be slipped back and forth its full length, or turned at any angle around the circle and firmly clamped at any point.

One in a Box.

Starrett's Tools.

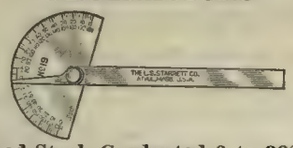
PROTRACTORS



Polished Steel, Graduated 0 to 90° Both Ways. Each

No. 198 — 3⅞ in. Diameter, Weight Each 2 Oz. **$1.70**

Used for setting Bevels Nos. 15, 47 and 49 at any desired angle thus converting them into Bevel Protractors at a slight cost.



Polished Steel, Graduated 0 to 90° Both Ways. Each

No. 19—3⅞ in. Diameter, 6 in. Blade, Weight Each 2 Oz. . **$2.50**

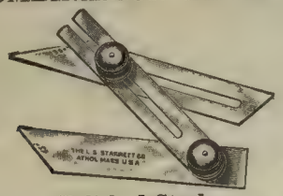
This Protractor is accurate, and is convenient for setting bevels, for transferring angles, as a small T square, or for a large number of other uses which will readily occur to a machinist or draughtsman, and will be found reliable, and very satisfactory by any mechanic.

Polished Steel, Rectangular Head, Graduated 0 to 90° Both Ways. Each

No. 183—3⅞x2 in., Head, 6 in. Blade, Weight Each 4 Oz. . **$3.35**

Similar to No. 19 but with rectangular head, giving four working focus, also 2 rows of figures reading both ways to show the complementary degree. The blade by means of one patent lock joint is set firmly by a slight turn of the nut.

COMBINATION BEVELS

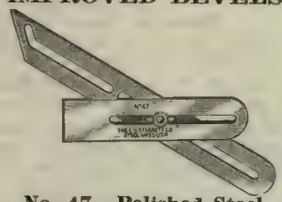


Polished Steel. Each

No. 49—4 in. Stock, 4 in. Split Blade, 5 in. Slotted Blade, Weight 4 Oz. **$3.35**

This Bevel has a stud riveted in the straight edge stock or head, on which its split blade is hinged, so as to swing over the stock, and be clamped at any angle. The slotted auxiliary blade with clamp bolt may be slipped on to the split blade and be clamped at any desired angle and used, in combination with the stock of the other, for laying out work, measuring, or showing any angle desired, and, when so combined, will lie flat upon its work.

IMPROVED BEVELS

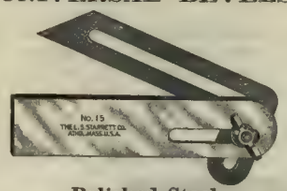


No. 47—Polished Steel.

Inches	6	9	12
Width Stock, In. . .	3½	4¾	6
Wt. Each, Oz.	3	7	12
Each	**$2.10**	**2.50**	**2.90**

The advantages of this Bevel over any other tool of this kind made, consists in its having not only the blade slotted but the stock as well, through and through, thus admitting adjustments that cannot be obtained with a common bevel.

UNIVERSAL BEVELS



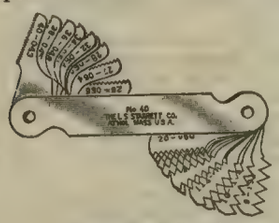
Polished Steel. Each

No. 15—3 in. Stock, 3 in. Blade, Weight Each 1½ Oz. **$2.50**

Improved features. The set-off in the blade increases its capacity and usefulness for bevel gear work, etc., so that any angle, however slight, may be obtained.

Another valuable feature is, one edge of the case being solid, a rest is formed directly under the table, where thin templets may be placed and accurately fitted.

SCREW PITCH GAUGES



Polished Steel. Each

No. 40—22 Pitches, V Thread, Length 2½ in., Weight Each 2 Oz. **$1.70**

This Gauge has 22 Pitches as follows: 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40 and can be used inside a nut, as well as on the outside of a screw or bolt.

Polished Steel. Each

No. 4—24 Pitches, V Thread, Length 2½ in., Weight Each 1½ Oz. **$2.10**

This Gauge has 24 Pitches as follows: 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30.

Polished Steel. Each

No. 6—30 Pitches, V Thread, Length 2½ in., Weight Each 2 Oz. **$2.50**

This gauge has 30 pitches as follows: 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42.

The teeth are sharp and clean cut, it can be used inside of a nut as well as on outside of a screw or bolt. It is also a convenient and reliable tool to use as a 60-degree center gauge and gauge to test the grinding of either an inside or outside threading tool.

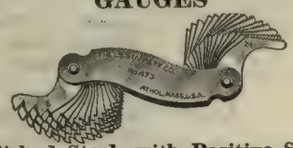
SCREW PITCH GAUGES

U. S. Standard, Polished Steel. Each

No. 155—25 Pitches, Length 2½ in., Weight 4 Oz. **$2.50**

This Gauge has 25 Pitches as follows: 2¼, 2⅜, 2½, 2⅝, 2¾, 2⅞, 3, 3¼, 3⅜, 4, 4½, 5, 5½, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, also a center Gauge with coarse and fine notch.

POSITIVE STOP THREAD GAUGES



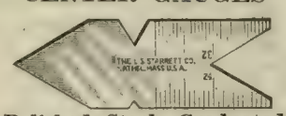
Polished Steel, with Positive Stop. Each

No. 473—30 Pitches, V Thread, Length 2½ in., Weight 2 Oz. **$2.50**

This Gauge has 30 pitches from 6 to 60 as follows: 6, 7, 8, 9, 10, 11, 11½, 12, 13, 14, 15, 16, 18, 20, 22 in. on one end of the case. 24, 26, 27, 30, 32, 34, 36, 38, 40, 42, 48, 50, 56, 60 in the other. Number of pitch stamped on the right side of blade.

All Above, One in a Box.

CENTER GAUGES



Polished Steel, Graduated. Each

No. 390—Not Tempered, Length 2¼ in., Width ¾ in., Weight 1 Oz. **$0.42**

No. 391—Tempered, Length 2¼ in., Width ¾ in., Weight 1 Oz. 60

Graduated one corner each in 32ds, 24ths, 20ths and 14ths, with 60 degree angles.

For use in grinding and setting screw cutting tools.

Starrett's Tools.

THICKNESS GAUGES

Polished Steel.

	Each
No. 172A—Case 3⅜ in. Long, ½ in. Wide, 9 Tempered Straight Leaves, 3 1/16 in. Long, ½ in. Wide, Wt. Each 2 Oz.	**$1.70**
No. 172B—Case 4¾ in. Long, ½ in. Wide, 8 Tempered Tapered Leaves, 4½ in. Long, ½ in. Wide, Weight Each 1½ Oz.	**2.50**
No. 172C—Case 6¼ in. Long, ½ in. Wide, 8 Tempered Tapered Leaves, 6 in. Long, ½ in. Wide, Weight Each 2 Oz.	**3.35**

Size A has 9 Straight Leaves, viz.: .0015, .002, .003, .004, .006, .008, .010, .012 and .015.

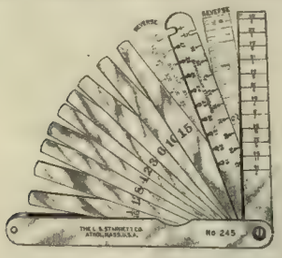
Sizes B and C have 8 Tapered Leaves, viz.: .002 to .015.

Polished Steel.

	Each
No. 72—Thickness Gauge or Feeler, Case 2¾ in. Long, 7/16 in. Wide, Leaves 2¼ in. Long. Weight Each 2 Ounces.	**$2.50**

This Gauge has 22 leaves, varying in thickness by thousandths, running from .004 to .025. The thickness of each leaf is designated by the number upon it. Each leaf may be used singly or in combination with others, and any thickness in thousandths within their limits may be quickly obtained.

ENGINEERS' TAPER, WIRE AND THICKNESS GAUGES



Polished Steel.

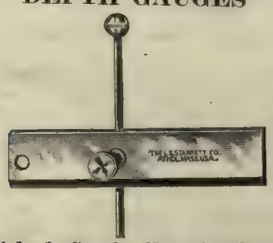
	Each
No. 245—Case 4¾ in. Long. Weight Each 4 Ounces.	**$6.70**

This gauge is especially designed for the use of marine engineers, machinists and others desiring a set of gauges in compact form.

The taper gauge shows the thickness in 64ths to 1/16ths of an inch on one side, and on the reverse side is graduated as a rule 3 inches of its length, reading in 8ths and 16ths of an inch.

The wire gauge, English Standard, shows on one side sizes numbered from 19 to 36, with two extra slots, one 1/16, the other ⅛ of an inch, and on the reverse side shows the decimal equivalents expressed in thousandths. This gauge has also 9 thickness or feeler gauge leaves, approximately 4 in. long, of the following thickness: .002, .003, .004, .006, .008, .010, .012, .015 and 1/16 of an inch all folded within the case.

DEPTH GAUGES



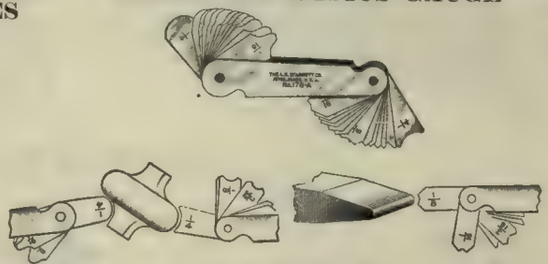
Polished Steel, Not Graduated.

	Each
No. 45A—3½x¾ in. Straight Edge, Wt. Each 2 Oz.	**$1.25**
No. 45B—6x¾ in. Straight Edge, Wt. Each 2 Oz.	**1.95**
No. 45C—10x¾ in. Straight Edge, Wt. Each 2 Oz.	**2.25**

The wire in this Gauge is held to a groove by a friction spring inside the nut while adjusting, and may be used close to the end, as well as in the middle of the straight edge.

By loosening the nut, the gauge may be neatly folded.

FILLET OR RADIUS GAUGE

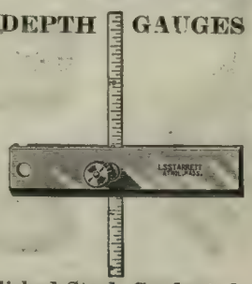


Polished Steel.

	Each
No. 178A—Case 2½ in. Long, 30 Leaves, Stamped to Indicate Radii by 64ths from 1/32 to ¼ in. (One-half Diametric Size), Diameters are from 1/16 to ½ in., Varying by 32ds, Weight Each 2½ Oz.	**$1.70**
No. 178B—Case 3½ in. Long, 32 Leaves, Stamped to Indicate Radii by 64ths from 1/64 to ½ in., Diameters are from 1/32 to 1 in., Varying by 32ds, Weight Each 3½ Oz.	**2.50**

This Gauge may also be described as a Concave and Convex Gauge and is especially adapted for use in laying out special forming tools, dies, etc., as well as measuring fillets. The illustrations show a few of the ways in which the Gauge can be used. We recommend it for the use of machinists and tool makers as well as pattern makers.

DEPTH GAUGES



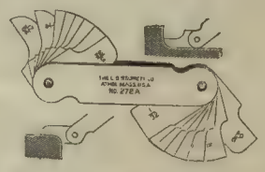
Polished Steel, Graduated.

	Each
No. 46A—3½x¾ in. Straight Edge, 4x 3/16 in. Scale, Weight Each 2 Oz.	**$2.10**
No. 46B—3½x¾ in. Straight Edge, 6x 3/16 in. Scale, Weight Each 2 Oz.	**2.50**
No. 46C—6x¾ in. Straight Edge, 4x 3/16 in. Scale, Weight Each 2 Oz.	**2.50**

The scale is graduated in either 32ds and 64ths, 50ths and 100ths, or 64ths and 100ths, indicating exact measurements, and may be used separately from the gauge.

All Above, One in a Box.

FILLET OR RADIUS GAUGE



Polished Steel.

	Each
No. 272A—Case 2 1/32 in. Long, 16 Blades, with Radii from 1/32 to 1/4 in. Inclusive, by 64ths, Weight Each 2 Oz.	**$1.70**
No. 272B—Case 4 3/32 in. Long, 16 Blades, with Radii from 3/32 to 3/4 in. Inclusive, by 64ths, Weight Each 5 Oz.	**2.50**

This gauge is similar in design to our No. 178 and affords means of obtaining the radii of fillets, corners, etc., as shown by the illustrations. Each blade is stamped with the radius in 64ths, the external being on one side and the internal on the other. It can be used in any position or at any angle, the formation allowing it to be used up to a shoulder, and for duplicating sample pieces. The studs holding blades in place are eccentric with the round end of case. This is of advantage as when the gage is opened the edge of case stands well away from the edge of blades.

DEPTH GAUGES

Case Hardened Steel Head, Nicely Finished, Spring Tempered Scale.

	Each
No. 237—2 in. Wide Across the Base, ⅛ in. Thick Head, 6x¾ in. Scale, Graduated in 32ds and 64ths, Weight Each 2½ Oz.	**$2.10**

The blade is conveniently held in the groove of the head by a knurled lock nut and can be used separately from the gauge. Can also supply blade graduated 50ths and 100ths or 64ths and 100ths.

Starrett's Tools.

PATENT MICROMETER DEPTH GAUGE

Polished Steed. Each

No. 446A—2¼ in. Base, 3/10 in. Thick Head, Weight Each 3 Oz. $7.50

This gauge is designed for measuring the depth of grooves, holes or irregular parts. It has ½ in. movement of the screw, reading in thousandths; and with two ½ in. and one 1 in. standard collars to slip off or on the spindle, 2½ in., reading in thousandths, can be obtained. The split nut is covered and protected by our patent graduated sleeve, which not only protects the nut from dirt, but provides a quick and accurate way of taking up wear and adjusting the micrometer to insure correct reading. The sleeve, being held by a stiff friction, may be rotated by a spanner wrench, accompanying each gauge, so that the zero lines will coincide for correct reading. The head and the point of measuring rod are hardened.

One in a Box.

VERNIER DEPTH GAUGE

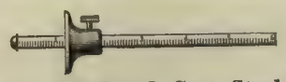
Polished Steel. Each

No. 448—Blade 6 in. Long, 5/32 in. Wide, Will Measure to 3½ in. Depth, Weight Each 4 Oz., in Leather Case $16.70

This gauge is invaluable where accurate measurements are necessary and appeals to that class of mechanics whose work require very close limits, such as gaging the depth of recesses, in jig work, etc. The blade is 6 in. long, 5/32 in. wide, and will measure to 3½ in. depth. The blade is graduated to read by means of a vernier to thousandths of an inch on one edge and to 64ths on the other.

One in a Box.

SCRATCH GAUGES



All Steel, Hardened Cast Steel Head, Graduated Beam, in 50ths or 64ths of an Inch.

No. 29—Graduated.		
Length, Inches.....	5	6
Beam, Inches.....	15/64	15/64
Weight Each, Oz...	2	4
Each	$1.70	2.10

No. 29X—Not Graduated.		
Length, Inches.....	5	6
Beam, Inches.....	15/64	15/64
Weight Each, Oz...	2	4
Each	$1.10	1.25

For scribing lines parallel to a given surface the scratch gauge is used if the distance is not too great and if the line is to be scribed on a surface nearly at right angles with a given surface.

One in a Box.

TOOL MAKERS' STEEL CLAMPS

No. 160—Drop Forgings, Case Hardened, Nicely Finished.		
Inches	1	2
Weight Per Pair, Oz.....	7	15
Per Pair	$2.25	2.95

These Clamps have take-up blocks to slip on and off end of screw, and are held to same in a novel manner. They will hold work square and parallel for laying out on surface plates, fitting or drilling. A round piece may be rigidly held in two of the clamps and drilled on an upright, central and parallel. Put up and sold in pairs. With the small block in use, the capacity of the smaller clamp is a little over one inch, and that of the larger clamp two inches.

One Pair in a Box.

TOOL MAKERS' PARALLEL CLAMPS

Made of Steel, Case Hardened.

Nos.	161AA	161A	161B	161C	161D
Opening of Jaw, Inches..	¾	1¼	1¾	2¼	2¾
Length of Jaw, Inches....	1⅝	2	2½	3	4
Weight Per Pair, Lbs....	⅛	⅜	⅝	1	2
Per Pair	$1.70	2.10	2.50	2.95	3.35

These Clamps are very useful for holding small work together in tapping, drilling, etc.

One Pair in a Box.

LITTLE GIANT JACK SCREWS

Steel, All Parts Case Hardened. Per Set

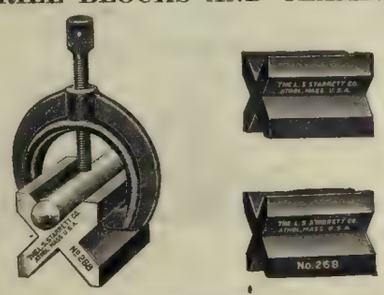
No. 190—Complete as Shown, Weight Each 1⅛ Lbs..... $2.35

The Jack (A) is 1¼ in. diameter at the base and has a range from 2½ to 3⅝ in. It will raise 1,000 pounds or more. Two extension bases (B and C) are made to fit the base of the main part (A) and are 2 and 1 in. high respectively. With these two extensions used singly or together a reach from 2½ to 6½ in. may be obtained.

An auxiliary pointed screw (D) is supplied to be used in place of the screw with swivel cap in certain places where it may be preferable. The base (E) is also provided, for use in cases where such a shape may be desirable.

These are designed for tool room use, for leveling up work on a planer bed or under an upright drill, setting up machinery, etc.

DRILL BLOCKS AND CLAMPS



Polished Steel. Per Pair

No. 268A—Two 2x1½ in. Drill Blocks, Weight Per Pair 1⅜ Lb. $1.70

Each

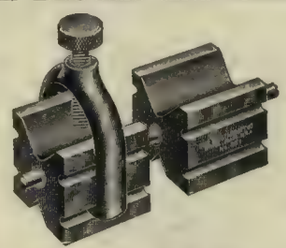
No. 268B—Clamp, Weight Each About ⅜ Lb..... $0.85

Per Set

No. 268C—Set Complete, One Pair Drill Blocks and One Clamp, Weight Each 1¾ Lbs. $2.50

This Clamp will hold a round piece up to 1⅛ in. diameter in the groove of the Blocks for prick punching, drilling or laying out a series of holes before and while being drilled.

DRILL BLOCKS AND CLAMPS



Steel, Case Hardened. Per Pair

No. 271A—Two 1¼ in. Square Drill Blocks, Weight Per Pair 15 Oz..... $3.35

Each

No. 271B—Clamp, Weight Each 2 Oz. $1.25

Per Set

No. 271C—Set Complete, One Pair Drill Blocks and One Clamp, Weight Per Set 1⅛ Lbs. $4.60

These blocks are designed to be used singly or in pairs in connection with drill presses and for laying out work, prick punching, etc. The blocks may be used close together or separated and are kept in line by a spindle passing thru friction bushings. They will be found convenient when holding pieces with shoulders, which may rest between the blocks. The blocks will hold round pieces to 1¼ in. diameter. The two grooves in each side take up the length and hold the clamp for small or large work.

Starrett's Tools

UNIVERSAL DIAL TEST INDICATOR

Polished Steel, with 3 Hardened Contact Points. Each

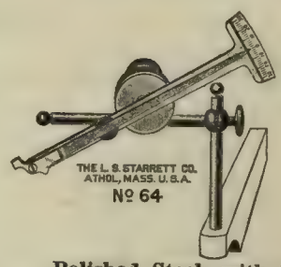
No. 196A—Complete with All Attachments, Weight Each 1 Lb. 3 Oz. **$18.00**

Simple, reliable, easily read and very sensitive. Slightest pressure upon contact point produces a movement of the hand on the dial. Circumference of dial divided into 100 equal spaces, each representing a movement of the contact point of one-thousandth of an inch. One revolution of the hand therefore indicates 1-10 inch, the capacity of the instrument being two-tenths. By bringing the contact point against the work with just enough pressure to give the hand one full turn, then setting it at 0, an opportunity is given for one full revolution of the hand to both right and left of 0, showing a rise or drop in the work and the amount of variation. A most valuable feature is the adjustable dial. By turning the knurled rim the dial may be instantly moved to bring the 0 mark to any point desired in relation to the hand. Each indicator is fitted with three hardened contact points for different classes of work. The special tool post and sleeve are useful in lathe work. For general work the indicator with sleeve B is adapted for use with our 9 inch or 12 inch surface gauges.

The clamp G permits attaching the indicator to large lathe and planer tools, milling arbors, etc.

The attachment F more than doubles the value of the indicator, adapting it for use inside of holes, to reach over blockings on face plates, etc.

UNIVERSAL TEST INDICATOR

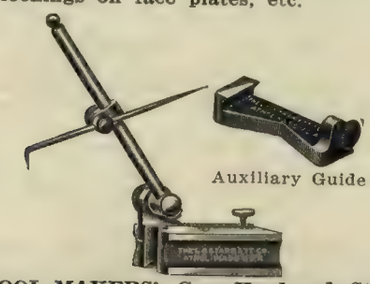


Polished Steel, with Three Working Points. Each

No. 64—Indicator, Complete with Tool Post Holder and Arm, Weight Each ¾ Lb. **$5.85**

This indicator may be used to test inside, outside or surface work. It can be instantly attached to the spindle or the needle of any surface gauge, and used to show the slightest variation in thousandths. It may be clamped to a flat or round support, up to ⅜ in. flat or round. A special holder, as shown in cut, is designed to go in the tool-post of a lathe, adapting it for use to show the accuracy of all sorts of lathe work, turning. chucking, or locating and centering work on face plate. The head of the needle has three working points, equally distant from its fulcrum, so the telltale needle will vibrate, reading in thousandths, when work is in contact with either point—in front, above or below it. When in front, the spring operating the telltale needle needs to be reversed to throw point of needle up instead of down as when used above or below the work. This may be instantly done by a slight turn of the disc to which the vibrating spring is attached. The working parts of the head are hardened. In setting the indicator, bring the contact point against the work so that the needle will point to 0, when any variation either way will show.

SURFACE GAUGES



TOOL MAKERS', Case Hardened, Steel Base. Each

No. 56A—With 4 in. Spindle and Auxiliary Guide, Height 5 in. Weight Each 13 Oz. **$5.00**

No. 56B—Same as No. 56A, but **without Auxiliary Guide,** Weight 9 Oz. **4.20**

This gauge is admirably adapted for light work. The base is steel, nicely finished and **casehardened,** with depressions milled in the sides for the thumb and finger to grasp. The top of it is slotted, and the rocking bracket is pivoted in the same. There is a stiff spring under one end of the bracket and a knurled adjusting screw in the other; the spindle jointed to this may be set and rigidly held in any position from vertical to horizontal, and the scriber placed in position to be used below its base for depth gauge, or (with bent end down) a scribing gauge. A V-shaped groove in the end and bottom adapts it for use on cylindrical work. There is a small hole in the clamp next to the base in which the scriber may be used for light work, the spindle being removed. An auxiliary guide piece is furnished to clamp to the base.

NEW UNIVERSAL, Steel Base, with TWO GAUGE PINS in the Rear End. Each

No. 57A—3 in. Base, 9 in. Spindle, Weight Each 2⅛ Lbs. . **$4.20**

No. 57B—3 in. Base, 9 and 12 in. Spindle, Weight Each 2 Lbs. **4.75**

No. 57C—3¾ in. Base, 12 in. Spindle, Weight Each 3½ Lbs. **5.00**

No. 57D—3¾ in. Base, 12 and 18 in. Spindle, Weight Each 4 Lbs. **5.85**

NEW UNIVERSAL, Case Hardened Steel Base, with FOUR LARGE PINS in Base. Each

No. 257A—3 in. Base, 9 in. Spindle, Weight Each 2 Lbs. . . . **$5.00**

No. 257B—3 in. Base, 9 in. and 12 in. Spindle, Weight Each 2¼ Lbs. **5.60**

No. 257C—3½ in. Base, 12 in. Spindle, Weight Each 3½ Lbs. **5.85**

No. 257D—3½ in. Base, 12 and 18 in. Spindle, Weight Each 4 Lbs. **6.70**

These Gauges have the latest improvements which make them all that can be desired, the following being points of special merit:

They have a heavy base, grooved thru the bottom and end, adapting them for use on or against circular work as well as flat surfaces. The spindle passes thru a rotating head, jointed to a rocking bracket, pivoted in base, the bracket being adjusted by a knurled screw in one end against a stiff spring in the other. The spindle may be set upright or at any angle, or turned so as to work under the base, and can be sensitively adjusted to any position. The snug and head carrying the scriber are so made that when the clamp nut is loosened all may be freely moved to any position, and by friction springs retained in place until a slight turn of the clamp nut holds them firmly.

In the base are Gauge pins, frictionally held, which may be pushed to bear against the edge of a surface plate, or in the slot of a planer bed for linear work.

For small work the spindle may be removed and the scriber inserted in a hole provided for it, where it can be sensitively adjusted and used to advantage on bench work.

All Above, One in a Box.

Starrett's Tools.

CENTER TESTERS

Polished Steel. Each

No. 65—Weight Each 9 Oz. **$4.20**

This instrument was designed to use in adjusting and locating centrally any point or hole in a piece of work operated upon in a lathe chuck or on a faceplate; also to test the truth of lathe centers or a shaft between the centers, the instrument being held in the tool post.

The tester is of improved design and nicely made. The indicator needle passes thru the ball, having a split stem, forming a chuck for holding the needle adjusted to any desired length. The ball is pivoted to form a universal joint, but may be instantly converted into a single joint for tilting motion by only tightening the knurled nut, adapting it for both inside and outside surface contact. A steel bead, not shown in the cut, and carried on the needle, slips over the point of same when used for inside work. The instrument is joined to a tool-post shank by a flexible steel ribbon with sufficient spring to properly hold the needle in contact with the work. It is a tool needed in every up-to-date tool room.

One in a Box.

IMPROVED ADJUSTABLE SLEEVE SCRIBER

No. 68—Polished Steel Points, Knurled Sleeve, Nickel Plated, WITHOUT KNIFE POINTS.

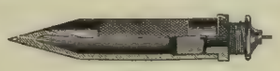
Length, Inches	8	12
Weight Each, Oz.	2	2
Each	$0.85	.85

Each

Extra Knife Points **$0.25**
Extra Scriber Points 25

The knurled sleeve has hole clear through and a clamping device at each end, adapting it for slipping on or off different tools, securely holding them near to or away from the working point. Tool makers will find the small size more desirable for general use, and the larger one for heavier work. For pattern makers a knife scriber, made of a fine grade of steel, is supplied as an auxiliary. One in a Box.

MERCURY PLUMB BOBS



No. 87—Solid Steel, Bored and Filled with Mercury, Hardened and Ground Points, Knurled Body, Nickel Plated, Complete with Braided Silk Line.

Length, In.	4	5	5½	6
Diam., In.	½	⅝	⅞	1
Wt. Each, Oz. .	4	7	15	20
Each	$1.70	2.50	3.35	4.20

STEEL PLUMB BOBS

No. 177—Solid Steel, Hardened and Ground Points, Knurled Body, Nickel Plated, Complete with Braided Silk Line.

Length, In. . . .	4	5	5½	6
Diam., In.	½	⅝	⅞	1
Wt. Each, Oz. .	2¾	5	10	16
Each	$1.25	1.70	2.50	3.35

The above Plumb Bobs have a patented device for fastening the string without a knot to tie or untie. The string is drawn into a peculiarly slotted neck at the top, after unwinding the required length, when the Bob will hang perfectly true.

Noteworthy features are the weight in proportion to size, low center of gravity and small diameter.

One in a Box.

IMPROVED SCRIBER

Polished Steel Points, Knurled Sleeve, Nickel Plated.

Each

No. 67—Improved, Length with Short Bent Point 9 in., with Long Bent Point 12 in., Interchangeable Parts, Weight 2 Oz., Complete **$0.85**

Scriber—Without Long Point. . . .60

Extra Points, Straight Points or Short Bent Points, Weight 1½ Oz. 17

Extra Long Bent Point 25

This Scriber is made for mechanics who want a better thing than has been heretofore obtainable. These points are made of a fine grade of steel, nicely tempered. The knurled stock is sufficient size to be easily held, without cramping or turning in the fingers. The long, bent point will be found a valuable auxiliary for reaching through holes, etc.

One in a Box.

POCKET SCRIBER

Steel Tubing, Knurled Body, Nickel Plated.

Each

No. 70A—¼ in. Diameter Handle, 3½ in. Long, 2⅜ in. Long Blade, Weight Each 1 Oz. **$0.42**

No. 70B—⅜ in. Diameter Handle, 3¾ in. Long, 2⅞ in. Long Blade, Weight Each 1½ Oz. 60

The Scriber is made from the best quality of steel, nicely tempered, and is held by a knurled chuck. The scriber is reversible, telescoping into the stock, and is held by a slight turn of the chuck so that it is always as safe to carry in the pocket as a penknife.

Mechanics find this a convenient tool to have always with them.

One in a Box.

PIN VISES

Steel, Hardened Jaws, Nickel Plated.

Nos.	162A	162B	162C	162D
Capacity, In..	.0 to .040	.030 to .062	.050 to .125	.115 to .187
Wt. Each, Oz.	½	¾	1	1¼
Each	$0.95	.95	.95	1.25

Per Set

Set Complete, One Each Nos. 162A, 162B, 162C and 162D, Weight Per Set About 3½ Oz. **$4.00**

These vises have hardened jaws with chucks so made that they wil hold firmly anything inserted in them. The hole extends thru full length of the handle. The handle is reduced in size, so that it may be more rapidly rotated between thumb and finger when filing small work. They are convenient handles for holding scribers, small files, etc.

MEASURING BAR CLAMPS

Steel, Nickel Plated.

Per Pair

No. 69—Inside Measurement 1 in. Square, Weight Per Pair 1 Oz. **$1.25**

These Clamps are to be used on two wooden bars about 1 in. by ½ in. of any desired length. The clamps and bars thus combined will be found very convenient by Carpenters as Adjustable Measuring Rods, as well as for extension beams for No. 59 Trammels.

Starrett's Tools.

TOOL MAKERS' DIVIDERS AND CALIPERS

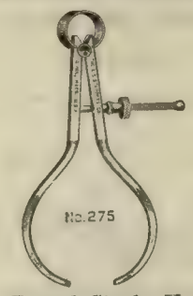
DIVIDERS

No. 277—Round Stock, Hard and Stiff Legs, Hardened Fulcrum Steel, Extra Strong Bows, Nicely Fitted Screw and Nut, **with Solid Nut Only.**

Length, Inches...	2	3	4
Wt. Each, Oz....	1	1	1
Each	$1.50	1.90	2.25
Length, Inches...		5	6
Wt. Each, Oz....		3	3½
Each		$2.25	2.65

Two in a Box.

OUTSIDE CALIPER



No. 275—Round Stock, Hard and Stiff Legs, Hardened Fulcrum Stud, Extra Strong Bows, Nicely Fitted Screw and Nut, **with Solid Nut Only.**

Length, Inches...	2	3	4
Wt. Each, Oz....	1	1	1
Each	$1.50	1.90	2.25
Length, Inches...		5	6
Wt. Each, Oz....		3	3½
Each		$2.25	2.65

Two in a Box.

INSIDE CALIPER

No. 274—Round Stock, Hard and Stiff Legs, Hardened Fulcrum Stud, Extra Strong Bows, Nicely Fitted Screw and Nut, **with Solid Nut Only.**

Length, Inches...	2	3	4
Wt. Each, Oz....	1	1	1
Each	$1.50	1.90	2.25
Length, Inches...		5	6
Wt. Each, Oz....		3	3½
Each		$2.25	2.65

Two in a Box.

FAY PATENT SPRING DIVIDERS AND CALIPERS

SPRING DIVIDER

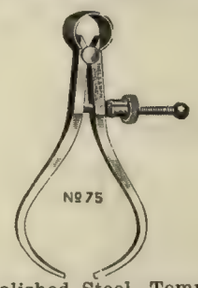
Spring Nut.

No. 77—Polished Steel, Tempered Flat Steel Bow, with Automatic Closing Spring Nut, Quick Adjusting.

Length, Inches ..	2½	3	4
Wt. Each, Oz....	1	1½	2
Each	$1.73	1.73	2.10
Length, Inches ..	5	6	8
Wt. Each, Oz....	3	4	5
Each	$2.10	2.64	3.00

Two in a Box.

OUTSIDE CALIPER



No. 75—Polished Steel, Tempered Flat Steel Bow, with Automatic Closing Spring Nut, Quick Adjusting.

Length, Inches ..	2½	3	4
Wt. Each, Oz....	1	1½	2
Each	$1.73	1.73	1.88
Length, Inches ..	5	6	8
Wt. Each, Oz....	3	4	5
Each	$1.88	2.25	2.64

Two in a Box.

INSIDE CALIPER

No. 74—Polished Steel, Tempered Flat Steel Bow, with Automatic Closing Spring Nut, Quick Adjusting.

Length, Inches ..	2½	3	4
Wt. Each, Oz....	1	1½	2
Each	$1.73	1.73	1.88
Length, Inches ..	5	6	8
Wt. Each, Oz....	3	3	5
Each	$1.88	2.25	2.64

Two in a Box.

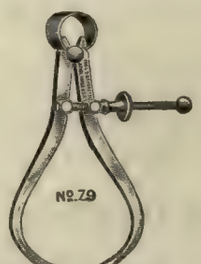
FAY PATENT THREAD CALIPER

No. 76—Polished Steel, Tempered Flat Steel Bow, with Automatic Closing Spring Nut, Quick Adjusting.

Length, Inches ..	3	4	5
Wt. Each, Oz....	1½	2	2½
Each	$1.73	1.88	1.88

Two in a Box.

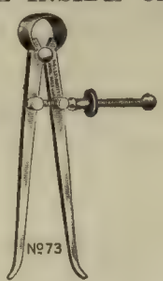
YANKEE OUTSIDE CALIPER



No. 79—Polished Steel, Tempered Flat Steel Stiff Bow, with Solid Nut.

Length, Inches ..	2½	3	4
Wt. Each, Oz....	1	1	2
Each	$0.97	1.05	1.13
Length, Inches ..	5	6	8
Wt. Each, Oz....	2½	3	5½
Each	$1.20	1.28	1.50

YANKEE INSIDE CALIPER



No. 73—Polished Steel, Tempered Flat Steel Stiff Bow, with Solid Nut.

Length, Inches ..	2½	3	4
Wt. Each, Oz....	1	1	2
Each	$0.97	1.05	1.13
Length, Inches ..	5	6	8
Wt. Each, Oz....	2½	3	5½
Each	$1.20	1.28	1.50

The bow is stiff, making the Caliper reliable. After calipering inside of chambered cavity by springing in the legs they may be withdrawn, and as they spring back will show the exact size calipered.

Three in a Box.

Starrett's Tools

SPRING DIVIDERS

YANKEE

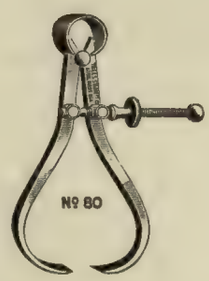
No. 83—Polished Steel, Tempered Flat Steel Stiff Bow, with Solid Nut.

Length, Inches	2½	3	4	5	6	8
Weight Each, Oz.	1	1½	2	2½	3	5½
Each	$0.98	1.05	1.13	1.20	1.28	1.65

Three in a Box.

THREAD CALIPER

YANKEE



No. 80—Polished Steel, Tempered Flat Steel Stiff Bow, with Solid Nut.

Length, Inches	3	4	5
Weight Each, Oz.	1	1½	2½
Each	$1.28	1.35	1.43

Three in a Box.

INSIDE THREAD CALIPERS

No. 184—Polished Steel, Tempered Flat Steel Bow Spring, with Solid Nut.

Length, Inches	4	5	6
Weight, Each, Oz.	1½	2	3
Each	$1.13	1.20	1.27

These Calipers are designed for measuring the diameter at bottom of threads.

Three in a Box.

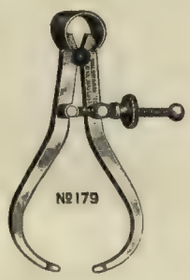
OUTSIDE THREAD CALIPERS

No. 179—Polished Steel, Tempered Flat Steel Bow Spring, with Solid Nut.

Length, Inches	4	5	6
Weight, Each, Oz.	1½	2	3
Each	$1.13	1.20	1.27

These Calipers are designed for measuring the diameter at bottom of threads on the outside of screws.

Three in a Box.



HERMAPHRODITE CALIPERS

No. 41—Improved Polished Steel, Firm Joint, Adjustable Point.

Length, Inches	4	6	8
Wt. Each, Oz.	1½	2½	4½
Each	$0.98	1.20	1.50

This Joint, with its smooth and uniform friction, is incomparably superior to the old style riveted joint.

Three in a Box.

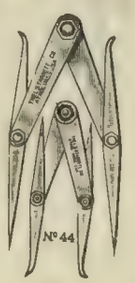
No. 42—Polished Steel Lock Joint, Sensitive Adjustment, Adjustable Point.

Length, Inches.	4	6	8	10
Wt. Each, Oz.	2	3½	5½	8
Each	$1.50	1.73	2.04	2.40

These Calipers can be instantly adjusted to their full extent and as quickly locked firm in the joint, and yet provided with a sensitive adjustment.

Three in a Box.

DOUBLE CALIPERS



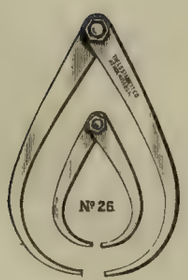
No. 44—Polished Steel, Improved Firm Joint, Combine Dividers, Inside and Outside Calipers.

Length, Inches	6	8
Weight Each, Oz.	3½	6
Each	$1.88	2.25

This Joint with its smooth and uniform friction is incomparably superior to the old style Riveted Joint.

Three in a Box.

IMPROVED FIRM-JOINT CALIPERS



No. 26—Outside, Polished Steel.

Length, Inches	3	4	5	6	8	10	12	14	16	18
Wt. Each, Oz.	1	1½	2	3	4½	7	10½	16	19	27
Each	$0.60	.75	.83	.98	1.20	1.35	1.50	2.25	2.64	3.15

No. 27—Inside, Polished Steel.

Length, Inches	3	4	5	6	8	10	12	14	16	18
Wt. Each, Oz.	1	1½	2	3	4	6	9	16	18	24
Each	$0.60	.75	.83	.98	1.20	1.35	1.50	2.25	2.64	3.15

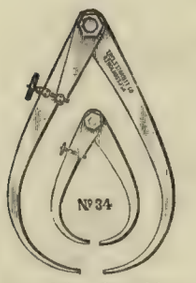
The improvement in these Calipers consists in the construction of the joint, which is so made as to be drawn together by means of a screw. The main stud is squared and fitted to one leg, thus preventing the stud from turning when loosening and tightening.

3 to 12 in., Three in a Box; 14 to 18 in., Two in a Box.

Starrett's Tools

CALIPERS

PERFECTED FIRM-JOINT SCREW-ADJUSTING



No. 34—Outside.

No. 34—Outside, Polished Steel.

Length, Inches	4	6	8	10	12	14	16	18
Weight, Each, Oz.	2	4	6	9	12	19	21	30
Each	$1.35	1.50	1.88	2.25	2.64	3.00	3.38	3.75

No. 35—Inside, Polished Steel.

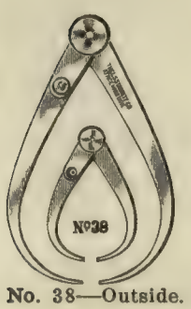
Length, Inches	4	6	8	10	12	14	16	18
Weight Each, Oz.	2	3½	5	7½	11	16	17	27
Each	$1.35	1.50	1.88	2.25	2.64	3.00	3.38	3.75

The screw adjustment for fine measurements, the improved joint which may be set to any desired degree of uniform tension. The shape and stiffness of the legs, quickness and wide scope of adjustment—all go to make this caliper a leader in its line.

4 to 12 in., Three in a Box; 14 to 18 in., Two in a Box.

No. 35—Inside.

LOCK-JOINT



No. 38—Outside.

No. 38—Outside, Polished Steel.

Length, Inches	4	5	6	8	10	12
Weight Each, Oz.	2	2½	4	6	8½	12
Each	$1.35	1.43	1.50	1.88	2.25	2.64

No. 39—Inside, Polished Steel.

Length, Inches	4	5	6	8	10	12
Weight Each, Oz.	2	2½	3	5	7½	10½
Each	$1.35	1.43	1.50	1.88	2.25	2.64

These Calipers can be instantly adjusted to their full extent, and as quickly locked firm in the joint, and yet are provided with a sensitive adjustment. The improvement consists, first, in a socket joint made tapering and locked or released by a partial turn of the knurled disc, drawing it together. A spring washer under the disc maintains an easy friction in the joint when unlocked.

Three in a Box.

No. 39—Inside.

LOCK-JOINT TRANSFER

No. 36—Outside.

No. 36—Outside, Polished Steel.

Length, Inches	4	5	6	8	10	12
Weight Each, Oz.	2	3	4	6½	9½	12½
Each	$1.88	2.10	2.25	2.64	3.00	3.38

No. 37—Inside, Polished Steel.

Length, Inches	4	5	6	8	10	12
Weight Each, Oz.	2	2½	4	6	9	12
Each	$1.88	2.10	2.25	2.64	3.00	3.38

These instruments not only have all the excellent features of Nos. 38 and 39, but in addition to common use may be used inside of chambered cavities over flanges, etc. removed and replaced without losing the size calipered.

Three in a Box.

No. 37—Inside.

IMPROVED BRONZE DIVIDERS

Auxiliary Caliper Legs, Patent Locking Nut, Bronze Metal Head and Socket Legs, Finely Finished and Nickel Plated.

Each

No. 90A—With Short Points Only, Weight ⅝ Lb. **$3.38**
No. 90B—Set Complete, Weight Each 1¼ Lbs. **6.00**

A common pencil fits either socketed leg, while an auxiliary holder fits reversed end of either short point for an extension. The head, with short point, is 8 inches long; may be extended 2 inches more; will caliper 10 inches outside and 12½ inches inside. With short points it will scribe a 24 inch and with long points a 34 inch circle.

One Set in a Box.

IMPROVED EXTENSION DIVIDERS

Auxiliary Caliper Legs, Patent Locking Nut Between Arms, Hardened Points, Malleable Iron Head and Arms, Other Parts of Steel.

Length, Inches	7	9
With Divider Legs, Nos.	85A	85B
Weight Each, Oz.	10	14
Each	$1.88	2.25
Complete, Nos.	85C	85D
Weight Each, Oz.	17	21
Each	$3.38	3.75

The patent locking nut between the arms, against which a spiral spring acts, is a valuable feature. After the fine adjustment is made, the nut may be turned back, locking spring and arms firmly, thus remedying the weak points which renders the common wing divider only as stiff as the adjusting spring.

One in a Box.

BALL POINTS

For Use with Nos. 85 and 90 Dividers and Nos. 51 and 159 Trammels.

Each

No. 88—Complete, 4 Balls and Holder, Weight Each ½ Lb. **$1.88**
Extra Ball or Holder ..... **.38**

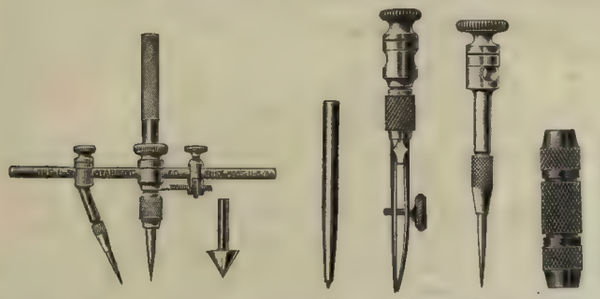
When it is necessary to use a hole as center for dividers or trammels it is, of course, impossible to use an ordinary divider point. In such cases the Ball Point placed in the hole and bearing against the edges forms a seat for the divider leg in scribing circles or arcs around the hole. For very accurate work, however, the Ball Point is not recommended for it is impossible to keep the center exactly.

This set consists of four balls, 1⅛ inch, 1 inch, ¾ inch, and ½ inch diameter, respectively.

In ordering this set for use with trammels, please give tool number of the trammel so that the proper holder may be sent.

One Set in a Box.

UNIVERSAL DIVIDERS Starrett's Tools.



Polished Steel, Knurled Handle and Nuts, Reversible Scriber Holder.

	Each
No. 89—Tool with 4 in. Beam and V Center Point, Weight 4 Oz.	**$2.64**
No. 89C—Complete with All Attachments, Weight About 8 Oz.	**6.00**

The adjustable scriber holder is reversible and carries either a fine tempered steel point or a pencil lead, held in a split socket by a knurled nut. With the holder turned outward it is possible to work close to shoulders, something that cannot be done by a similar tool of any other make; turned inward, points may be brought close together to scribe the smallest circle. With 4 in. beam 7½ in. and under may be scribed. An auxiliary beam 13 in. long is furnished, with which a 25 in. circle may be drawn.

	Each
No. A—Extra Steel Points	**$0.15**
No. B—Needle Points	**.23**
No. C—Pen Attachment	**1.50**
No. D—Extra Straight Point and Socket	**.75**
No. E—Extra 13 in. Beam to Scribe 25 in. Circle	**.38**
No. F—Coupling	**.53**

PATENT DIVIDERS

Crucible Forged Steel Points, Tempered, Patent Locks and Nut, Adjustable Point.

No. 92—Plain.

Length, Inches	6	7	8	9
Weight Each, Oz.	5½	6	7	7½
Each	**$1.28**	**1.35**	**1.50**	**1.73**

No. 92N—Nickeled.

Length, Inches	6	7	8	9
Weight Each, Oz.	5½	6	7	7½
Each	**$1.65**	**1.73**	**1.88**	**2.10**

This cut shows an improved divider with patented features, which make it the best thing in its line yet produced. Both points are crucible forged steel, nicely tempered. The quadrant passes thru the leg and the clamp screw frictionally locks it firm. The screw threads have stock enough to last a lifetime. After fine adjustments are made, the patent lock nut between the arm locks the spring in the leg firm, curing the defect in the old style dividers of the points dodging out and in with the grain of the wood. The adjustable point may be instantly removed and a common pencil inserted in its place.

Two in a Box.

NEW TRAMMELS

No. 59F—Set Complete.
Polished Steel.

	Each
No. 59A—Trammel Head with One Pair Points, Weight 9 Oz.	**$3.35**
No. 59F—Set Complete as Shown, Weight 1¾ Lbs.	**7.90**

One Set in a Box.

Extras.

	Per Set
No. 59B—Balls and Holder	**$2.10**
	Per Pair
No. 59C—Small Caliper Legs	**$0.84**
No. 59D—Large Caliper Lgs.	**1.25**
No. 59E—Large Divider Points	**.84**

This cut shows the trammel fastened to a wooden beam, which may be any size from ¾ inch to 1⅝ inches wide, and of any thickness desired (requiring no fitting), giving stiffness according to the length and adapting it for small or large work.

The auxiliaries designed to go with the trammel heads are so shown above, viz., inside and outside caliper legs, an extra pair of long points, a set of four ball points with holder, which enable one to scribe a circle from the center of any hole up to 1½ inches and under. A lead pencil may be used in place of either of the steel points. The clamping device is adapted to take in either a small or common sized pencil

IMPROVED TRAMMEL POINTS

Bronze Metal Body, Hardened Forged Steel Points, Nickel Plated.

	Each
No. 50A—With 3 in. Points, Adjustable, Weight Set 5 Oz.	**$4.20**
No. 50B—With 3 in. Points, Not Adjustable, Weight 5 Oz.	**2.50**
	Per Set
No. 50C—Extra Long Points	**$0.60**

Either point can be removed, and the pencil socket accompanying each pair put in its place.

Adjustable like spring dividers. Light and durable. One Set in a Box.

TAP WRENCHES

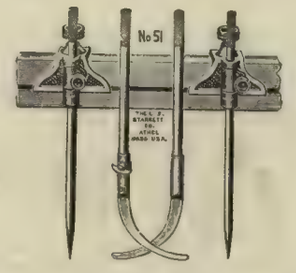
Polished Steel, Knurled End, Hardened Jaw.

	Each
No. 91A—5¾ in. Long, Holding ⅛ to ¼ in., Weight Each 3 Oz.	**$1.25**
No. 91B—9 in. Long, Holding ⅛ to ½ in., Weight Each 8 Oz.	**2.50**

This wrench is of new design—strong, neat and efficient. It will hold firmly a tap with square or round shank. Inside the knurled adjusting screws a spring connected with the plunger holds it back and causes instant movement with the screw.

One in a Box.

EXTENSION BEAM TRAMMELS



Bronze Metal Body, Steel Points, Nickel Plated.

	Each
No. 51A—Complete with Caliper Legs, Weight Each 1¼ Lbs.	**$5.45**
No. 51B—Without Caliper Legs, Weight Each ⅞ Lb.	**4.20**

The above cut represents a pair of Trammel Heads, with an opening thru the under side to accommodate the extension, giving width and stiffness in proportion to the length required for large work, while it is equally well adapted to receive a narrow beam for light work.

The points are eccentric, and may be loosened and rotated in their sockets to make fine adjustments. Either point may be removed and a common pencil inserted.

One of the caliper legs is provided with a joint, worked by an eccentric thumb piece for fine adjustments.

One in a Box.

TAP WRENCHES

Polished Steel, Knurled Tip, Hardened Jaw.

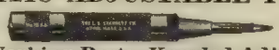
	Each
No. 174—3 in. Long, Weight Each 2 Oz.	**$0.85**

This little tool is made of steel, nicely finished, and will hold any tool that can be put into it—taps, reamers, drills, etc. It holds tools of any shape, round, square or oval.

One in a Box.

Starrett's Tools.

AUTOMATIC ADJUSTABLE PUNCHES



Hardened Steel Working Parts, Knurled Adjustable Screw Cap.

Nos.	18AA	18A	18B
Diameter, Inches	3/8	1/2	5/8
Length, Inches	3 3/4	5	6
Weight Each, Oz.	1 1/2	3	5
Each	$2.50	3.35	4.20

These Punches are provided with a knurled adjustable screw cap, which, working in connection with a spring, regulates the stroke. For work requiring a heavy mark, turn cap down; for work requiring a light mark, turn it up. To use it, no hammer is needed. The punch being placed in an upright position over the working line, a downward pressure releases the striking block and makes the impression without danger of slipping, as is liable when a hammer is used. When adjusted for either light or heavy stroke, all indentations are of a uniform size for the starting of the drill, etc., and accurate and quicker work can be done. The adjustable cap fits the hand, with no stroke adjusting screw through and above it to bother. The point can be removed for regrinding and easily replaced. One in a Box.

SPACING PUNCHES

Solid Tool Steel, Tempered, Knurled Center.

Each

No. 118—Length 4 in., Weight Each 1 Oz. $1.25

Starrett's Combination Prick Punch and Spacing Tool is just the thing for laying off work quickly and accurately—for drilling, cutting out dies, etc. The guide point is set in a socket with a spiral spring to press it down. When the punch is struck, the guide presses back into its socket, permitting the punch to be held straight over its work, and insuring accurate results. The screw with check nut sets the spacer right for small or large drill, and has a variation from 1/64 in. to 3/8 in.

One in a Box.

POCKET SCREW DRIVERS

Closed.

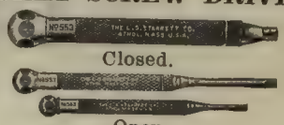
Steel Handle, Knurled Nut, Length of Handle 3 3/4 in., Length Over All 4 1/2 in. Each

No. 150—Plain, Weight 2 Oz. . $0.67

No. 150N—Nickel Plated, Weight 2 Oz. ..... .85

A compact combination of three tools a man is apt to wish he had with him a dozen times a day. Consists of a neat, finely finished steel handle with a knurled nut which firmly holds a screw driver and brad awl made in one piece, this being telescoped within the handle when not in use. The shape of the handle enables it to be used as an emergency wrench—often of the greatest convenience. Six in a Box.

POCKET SCREW DRIVERS



Closed.

Open.

Steel Tubing, Knurled and Nickel Plated, Tempered Blade. Each

No. 553A—1/4 in. Diameter Handle, 1 7/8 in. Long Blade, Weight 1 Oz. $0.42

No. 553B—3/8 in. Diameter Handle, 3 in. Long Blade, Weight 1 1/2 Oz. ..... .60

This tool is made from steel tubing, knurled and nickel plated. The butt of the blade fits a solid lock in the tube, preventing it from turning, and is held from coming out by a slight turn of the chuck.

The screw driver blades are properly tempered.

Twelve in a Box.

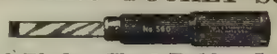
PATENT MAGAZINE SCREW DRIVER

Polished Steel, Knurled Handle. Each

No. 557—Length Closed 4 in., with Four Blades, 2 5/8 in. Long, 3/32, 5/32, 1/4 and 3/8 in. Wide, Telescopic Handle, Weight Each 5 Oz. $1.70

One in a Box.

ELECTRICIANS' POCKET SCREW DRIVER



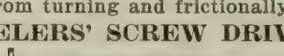
Polished Steel Blades, Hard Rubber Insulated Handle, Nicely Ribbed. Each

No. 560—Length Closed 4 in., with Four Blades, 2 5/8 in. Long, 3/32, 5/32, 1/4 and 3/8 in. Wide, Telescopic Handle, Weight Each 6 Oz. $2.50

One in a Box.

This is the best tool yet offered for a set of pocket screw drivers. It has four blades of different widths, any or which may quickly be taken from the telescope handle and inserted in the end, where it is automatically locked and firmly held for use. Any or all of the blades are carried in the handle, where by a spring pressure they are held from rattling when carried in the pocket, or from being lost when the cap is off. While the cap may be readily pulled off or put on, it is rigidly held from turning and frictionally held from coming off, with no screws to bind or bother.

JEWELERS' SCREW DRIVERS



Steel Tubing, Knurled and Nickel Plated, 1/4 in. Diameter Handle.

Nos.	555A	555B	555C
Diam. Blade, In.	.040	.055	.070
Wt. Each, Oz.	1	1	1
Each	$0.60	.60	.60

Nos.	555D	555E
Diam. Blade, In.	.080	.100
Wt. Each, Oz.	1	1
Each	$0.60	.60

Per Set

Per Set of 5 ..... $2.70

The top is finished with a swivknob, concaved to fit the finger and hexagonal in shape to prevent rolling off the bench. To designate the size at a glance, the chuck end is marked with various grooves, four grooves indicating the finest size A, three grooves the next larger B, two grooves C, the largest size, E, being plain.

EYE GLASS SCREW DRIVERS

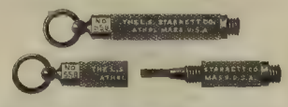
Steel Tubing, Knurled and Nickel Plated Polished Steel Blade.

Each

No. 554—Length of Handle 1 7/8 in., Blade Extends 3/4 in., Weight 1 Oz. $0.42

This screw driver is made with a chuck to hold the blade firmly in a split socket when in use. To carry in the pocket, on key-ring or watch chain, the blade may be removed by slightly loosening the chuck, then reversed and telescoped through the socket nearly full length, and held safely by tightening the chuck.

EYE GLASS SCREW DRIVERS



Steel Tubing, Knurled and Nickel Plated.

Each

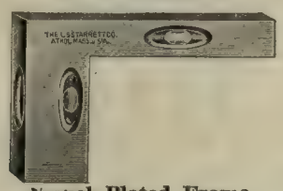
No. 558—Length 1 1/4 in., Weight Per Dozen About 2 Oz. $0.34

This Screw Driver is so made that the blade end may be reversed and screwed into the stock, thus giving a longer handle.

Twelve in a Box.

Cross-Test Levels and Plumbs

STARRETT'S



Nickel Plated Frame. Each

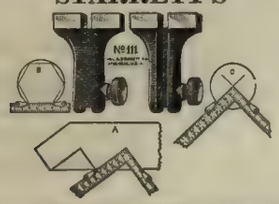
No. 134—Size 2x3x½ in. Thick, Weight Each 3Oz...**$2.50**

This is a well made and reliable tool, and valuable in plumbing, squaring and leveling up work. Just the thing to use about a planer or in setting up machinery. Leveling is indicated every way without moving tool.

One in a Box.

Stair Gauge Fixtures

STARRETT'S



Forged Steel, Nickel Plated Machine Head, Unpolished Body. Per Pair

No. 111—1⅛ in. Long, ¼x½ in. Heads, Weight Per Pair About 4 Oz.....**$1.25**

A pair of these fixtures can be readily clamped to a carpenter's steel square to form a gauge for various uses.

Sketch A shows the gauge as applied for laying out a stair stringer; sketch B, laying off hexagon angles; sketch C, as used as a center gauge or in quartering a circle.

One Pair in a Box.

Cross-Test Levels

STARRETT'S

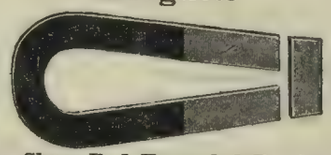
Japanned, Iron Frame. Each

No. 136—Angle 2¾ in. Long, Weight Each 3 Oz.....**$1.10**

As the cut shows, two levels are united in one frame, extending at right angles 2¾ in. each way. The level weighs but 4 oz. When placed on work to be leveled in both directions, it will not be necessary to move the tool.

One in a Box.

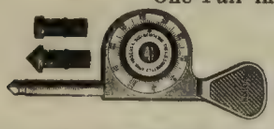
Magnets



No. 75—Horse Shoe, Red Enameled Bands, Polished Tips, with Keepers.

Length, Inches	2	2½	3	3½	4
Ap. Wt. Dozen, Lbs...	¾	1	1⅛	1½	2
Per Dozen	$1.12	1.35	1.70	2.25	3.25
Length, Inches		5	6	7	8
Ap. Wt. Dozen, Lbs...		5	8	10	12
Per Dozen		$4.45	7.80	15.55	20.00

One Dozen in a Package.



High Speed, Encased Working Parts, Right and Left Figured Dial Plates, Nickel Plated, Scored Handle, Rubber Tips. Each

No. 104—Length 5⅛ in. Weight Each 5 Oz., in Pasteboard Box **$1.70**

No. 0104—Length 5⅛ in., Weight Each 6 Oz., in Leatherette Box **2.50**

This Indicator may be run at highest speed required without heating, and this on account of our frictionless bearing against which the inner end of the spindle revolves.

One in a Box.

Speed Indicators

Alarm, Double Speed, Right and Left Hand, Nickel Plated, Steel Spindle and Point, Nickel Plated Steel Alarm Bell. Per Dozen

No. 10—Length Over All 3¾ in., Weight Per Dozen About 3 Lbs. **$26.65**

The bell rings when either hand is at zero and afterwards at every 100 revolutions. A shaft turning to the left is registered by the shorter hand stamped L and the inner dial, a shaft turning to the right by the longer hand marked R and the outer dial.

One-twelfth Dozen in a Box.

Speed Indicators

STARRETT'S

Encased Working Parts, Right and Left Figured Dial Plate, Nickel Plated, Rubber Handle, Rubber Tips. Each

No. 106—Length 5⅛ in., Weight Each 4 Oz., in Pasteboard Box **$2.50**

No. 0106—Length 5⅛ in., Weight Each 5 Oz., in Leatherette Box **3.35**

By releasing the pressure the disc is liberated for counting the revolutions of the shaft when every 100 may be noted by feeling the knob pass under the thumb lightly pressed against it, thus relieving the eye, which has only to look on the watch to note the time.

One in a Box.

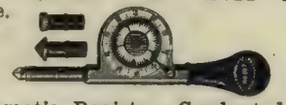
Speed Indicators

Single Speed, Hardened Steel Spindles, Nickel Plated, Iron Frame. Per Dozen

No. 1—Length Over All 3¾ in., Weight Per Dozen About 2½ Lbs. **$12.25**

These Speed Indicators are made with accurate dials which record correctly, and have hardened steel spindles.

One-twelfth Dozen in a Box.



Automatic Register, Graduated Dial, Nickel Plated, Hard Rubber Handle, Rubber Tips. Each

No. 107—Length 5¾ in., Weight Each 5 Oz., in Pasteboard Box **$5.00**

No. 0107—Length 5¾ in., Weight Each 7 Oz., in Leatherette Box **5.85**

This instrument was devised to automatically register hundreds as well as units and tens, and thus relieve the mind from keeping tally; also to furnish a better registering indicator at a more reasonable cost than heretofore. The instrument will register 5,000 revolutions. The large dial is graduated into one hundred lines, each representing a revolution of the spindle. The small dial has fifty lines cut upon its face.

One in a Box.

Surface Speed Attachments

Cut Shows Indicator with Attachment. **For Starrett's Speed Indicators.** Each

No. 109—Rubber Banded Indicator Wheel, Weight 1 Oz....**$0.85**

This attachment applied to one of Starrett's speed indicators is designed to show the number of lineal feet per minute the periphery of a shaft or pulley is running and thus enable a workman to know if the speed is too fast, or is too slow to get the most work the tool will stand.

One in a Box.

Surveyors' Instruments

ENGINEERS' AND SURVEYORS' TRANSIT

No. 1900.

Black Japanned, Graduations on Brass and Silvered. Designed to Meet the Requirements of the Highest Class of the Engineering Profession. Particularly Adapted for Brige Building, City and Land Surveying and Hydraulic Work.

SPECIFICATIONS

Telescope—Length 12 inches, magnifying power 25 diameters. Lenses of best optical quality, aperture of objective lens 1¼ inches, with maximum light and fine definition. Telescope is balanced and reverses at both ends. Telescope axis of rigid design and constructed of hard bell metal. Line of collimation true for all distances. Eye-piece provided with improved micrometer arrangement for focusing cross-hairs. Object slide and eye-piece are provided with dust protectors. Telescope shows object erect. Fixed stadia hairs reading 1′ in 100′.

Standards—Phospher bronze, of rigid design, well ribbed to reduce weight.

Horizontal Circle—6 5/16 inches in diameter to inside edge of graduation, graduated to ½ degrees with lines of uniform thickness. Marked with two rows of figures, one reading from 0 to 180 each way the other from 0 to 360. Figures inclined in direction they are to be read.

Verniers—Two, double, reading to single minutes and exactly opposite, placed at an angle of 30 degrees to line of sight, figures inclined in direction they are to be read.

Compass—Graduated to ½ degrees and figured from 0 to 90 on each side of north and south. Improved hollow oval steel needle, jeweled center and perfectly balanced.

Plate Levels—One, 2¼ inches long, other 1½ inches, extra sensitive, very carefully ground and divided to allow a precise leveling up.

Tangent Screws—Phospher bronze of improved design with opposing spiral spring.

Centers—3½ inches long. Inner is made of bell metal. Intermediate of gun metal and outer of phospher bronze perfectly tapered and fitted.

Leveling Head—Improved design. Well ribbed. Four leveling screws, shifting center.

Weight—Instrument 13 lbs. Tripod 12 lbs.

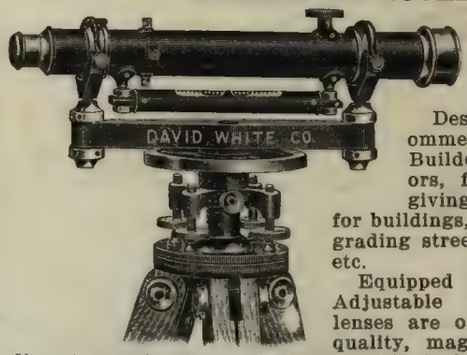
Equipment—Highly polished mahogany case with strap, fine grained white ash split leg tripod with boot-spurs, magnifying glass, sunshade, plumb-bob, screw driver and adjusting pins.

	Each
No. 1900—(See Illustration)	**$300.00**
No. 1902—Same as No. 1900, Provided with Sensitive Level to Telescope, Clamp and Tangent Screw	**320.00**
No. 1904—Same as No. 1902, Provided with 5 in. Full Vertical Circle or Arc, Graduated to ½ Degrees, with Double Vernier Reading to Single Minutes, Circle Numbered from 0 to 90 in Quadrants	**360.00**

Weight Each Ready for Shipment About 35 Pounds.

No. 2018.

ARCHITECTS' LEVELS
WHITE'S IMPROVED



Designed for and recommended to Architects, Builders and Contractors, for leveling walls, giving lines and levels for buildings, laying out angles, grading streets, sewers, drains, etc.

Equipped with 12 in. long Adjustable Telescope. The lenses are of the best optical quality, magnifying power 25 diameters. Aperture of object is 1¼ inches. Instrument is provided with four leveling screws and clamp to spindle. The Y's have an improved locking arrangement dispensing with the old-fashioned pin bolts. The center is made of hard bell metal, extra long and well tapered. It also has a horizontal circle 4½ inches in diameter fitted to the upper end of the socket and turns readily upon it, thus allowing it to be set at zero at any given point. The circle is graduated from 0 to 90 degrees each way and has a vernier reading to 5 minutes, which is screwed to the flange of the center. The telescope is of fine definition and is focused by rack and pinion of improved form. The eye-piece turns in a spiral-like manner, which enables a more precise focusing of the cross-hairs. The instrument can be placed either upon a tripod or a small triangular plate called a trivit, having three sharp steel points by which it can be firmly set upon any surface of wood or stone. Both tripod and trivit are furnished with each level. The level vial is extra long, very carefully ground and is graduated on the glass.

	Each
No. 2011—Complete, Packed Erect Ready for Use in Polished Hardwood Box with Strap, Containing Full Directions for Use, Together with Screw Capped Bob, Sun Shade, Dust Cap and Adjusting Pins	**$ 75.00**
No. 2012—Same as No. 2011, with a Clamp and Tangent Movement, thus Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately	**83.25**
No. 2013—Same as No. 2011, with 3 in Needle Compass; this Instrument will be Found Very Serviceable as a Ready Means of Determining the Bearing of Lines or of Measuring Angles by the Needle; the Compass is Graduated to Degrees, Figured from 0 to 90 on Each Side of North and South, Graduations and Inside of Face of Compass Silvered, Magnetic Needle 3 in. Long, Made of Finest Tempered Oval Steel Tubing and is Perfectly Balanced	**100.00**
No. 2014—Same as No. 2013, with the Exception that it is Supplied with a Clamp and Tangent Movement, thus Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately	**108.25**

Weight Each Ready for Shipment About 28 Pounds.

ARCHITECTS' TILTING LEVELS
WHITE'S IMPROVED

	Each
No. 2018—Designed Same as No. 2011, Provided with an Attachment by which Sights 45 Degrees Above and Below the Horizontal Line can be Taken; the Attachment is a Small Set of U-Shaped Standards Screwed into the Center of the Level Bar and when not in Use can Readily be Removed; this Instrument, Therefore, Permits of a Wider Range of Work than can be Done with the Ordinary Level; the Axle on the Telescope is Permanently Fixed, thus Insuring Accuracy, and does not Interfere when Instrument is Used as an Ordinary Level	**$ 91.75**
No. 2019—Same as No. 2018, Provided with a Clamp and Tangent Screw, Enabling the Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made with Greater Accuracy	**100.00**

Weight Each Ready for Shipment About 28 Pounds.

Surveying Instruments

RECONNOISANCE OR BUILDERS' TRANSIT

No. 2025.

WHITE'S IMPROVED

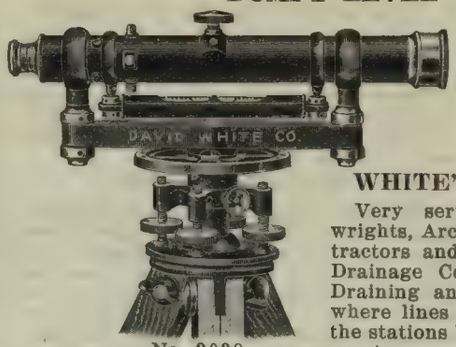
Designed for light and moderately accurate work. Especially recommended to the building contractor for taking angles, leveling foundations, examining walls in course of construction, giving lines and levels for buildings, etc. Also recommended to engineers for all preliminary work.

The No. 2022 has a telescope 9¾ in. long with magnifying power 22 diameters, with dust cap and sunshade. Lenses are of the very best optical quality. Aperture of object lens 1⅛ in. Improved rack and pinion movement to objective lens for focusing object. Micrometer motion to eye-piece (improved form) for precise focusing of cross-hairs, long ground level to telescope, graduated on the glass. Telescope reversible from both ends. Horizontal limb 5⅜ in. in diameter, divided to ½ degrees, with one vernier reading to single minutes. Plate levels ground and graduated to allow a precise leveling up. Clamp and tangent screw to plate and telescope. All tangent screws provided with counter springs. Four leveling screws and shifting center. Instrument stands erect in highly polished mahogany case with carrying straps, provided with plumb bob, magnifying glass, adjusting pins and white ash split leg tripod with boot spurs.

	Each
No. 2022—As Described Above	**$170.00**
No. 2023—Same as No. 2022, Provided with 4⅛ in. Vertical Circle Divided to ½ Degrees, with Vernier Reading to Single Minutes	**190.00**
No. 2024—Same as No. 2022, Provided with 3¾ in. Needle Compass Divided to ½ Degrees and Numbered 0 to 90 Each Side of the North and South	**210.00**
No. 2025—Same as No. 2023, Provided with 3¾ in. Needle, Compass Divided to ½ Degrees and Numbered 0 to 90 Each Side of the North and South	**230.00**

Weight Each, Ready for Shipment, 30 Pounds.

DUMPY LEVEL



No. 2038.

WHITE'S IMPROVED

Very serviceable for Millwrights, Architects, Mason Contractors and Builders, also for Drainage Contractors for Tile Draining and other operations where lines are to be run with the stations but a short distance apart.

The No. 2038 has a telescope 12 in. long, with magnifying power 25 diameters. Aperture of objective lens 1¼ in. Horizontal circle 4½ in. in diameter and graduated from 0 to 90 degrees each way, with vernier reading to 5 minutes. The circle can be set at zero at any given point. Center is extra long and well tapered and is made of hard bell metal. Telescope is of fine definition and the objective lens is focused by rack and pinion of improved make. Improved eye-piece for precise focusing of the Cross Hairs. Telescope Yokes are of best composition metal, permanently fixed, thus insuring greater stability. Tripod is made of best seasoned hardwood. A metal trivit having three sharp steel points, for placing the level on any surface of wood or stone, together with hardwood tripod, is furnished with each instrument. Level vial is extra long, carefully ground and is graduated on the glass. Instrument packed erect, ready for use, in polished hardwood box with strap, containing full directions for use, together with screw capped plumb bob, sunshade, dust cap and adjusting pins.

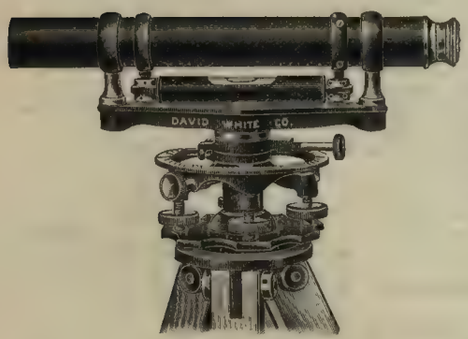
	Each
No. 2038—As Described Above	**$71.10**
No. 2039—Same as No. 2038, Provided with a Clamp and Tangent Movement, Enabling Instrument to be Clamped More Securely and a Movement in a Horizontal Plane to be Made More Accurately	**80.00**

Weight Each, Ready for Shipment, 30 Pounds.

DRAINAGE LEVELS

WHITE'S IMPROVED

Especially serviceable for the Drainage Contractor and Building Contractor as well as the Farmer, Landscape Gardener, etc.



Specifications.

Telescope—10 in. long, magnifying power is 18 diameters. Object lens 1 in. in diameter. Object is focused by pulling eye-piece in and out. Fixed sunshade, cross-hairs visible at all times. Telescope level 3½ in. long.

Cross-Bar—6¼ in. long. Well ribbed to reduce weight.

Horizontal Circle—4 in. in diameter, graduated to degrees and numbered from from 0 to 90 each way with vernier reading to single degrees. Circle and body are cast in one piece thus insuring stability. Vernier is movable for the purpose of setting same at zero at any given point.

Leveling Head—Substantial design with 4 leveling screws and clamp to spindle.

Finish—Durable black trimmed with yellow brass.

Weight—Instrument, 3½ pounds. Tripod, 3½ pounds.

	Each
No. 2060—Packed Whole and Stands Erect in Hardwood Case, Provided with Lock, Strong Leather Strap and Contains Plumb Bob and Adjusting Pin, Seasoned Hardwood Tripod	**$50.65**
No. 2062—Same as No. 2060, without Horizontal Circle	**41.75**

Weight Each, Ready for Shipment, About 15 Pounds.

SURVEYORS' VERNIER COMPASS

WHITE'S IMPROVED

	Each
No. 2115—Aluminum, with 4 in. Needle, Mounted on Jeweled Bearings, Made of Tempered Oval Steel Tubing, Perfectly Balanced, Graduated on Raised Ring to Degrees, with Movable Variation Ring and Vernier Reading to 5 Minutes, Folding Sights, Two Levels, Compass Figured from 0 to 90 Each Side of North and South, Ball and Socket Joint and Mounting for Jacob Staff, Complete in Stitched Sole Leather Case with Shoulder Straps	**$47.25**

Weight Each 4 Pounds.

Leveling Instruments

BUILDERS' LEVELS
BOSTROM'S

Made Entirely of Brass, Highly Lacquered and Finished. Each

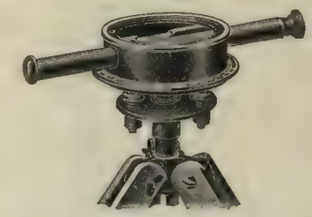
No. 3B—Achromatic Telescope Magnifying Lenses, Graduated Circle Divided into 360 Degrees, Numbered from Zero to 90 Degrees in Both Directions, Giving Zero Points on Opposite Sides of Circle, Has Clamping Screw for Holding in Any Position, Has a Ground Level Vial, Complete Outfit Includes Level and Telescope with Neat Oak Box, Tripod, Graduated Rod, Target and Plumb Bob, with Full Instructions for Adjusting and Operating **$47.20**

Weight Complete 15 Pounds.

This Level is an instrument containing the rare qualities of simplicity, accuracy, efficiency, compactness and durability at extremely moderate cost.

One in a Box.

FARM LEVELS
BOSTROM'S



Brass Face Plate and Turret.

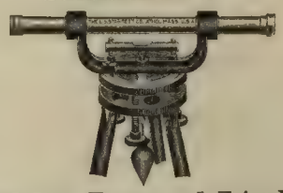
Each

No. 2B—Achromatic Telescope Magnifying Lenses, Complete Outfit Includes Level with Telescope, Etc., in Neat Wood Box, Yellow Pine Tripod, Sliding Target Rod, Target and Plumb Bob, with Full Instructions..... **$28.30**

The Bostrom Farm Level enables a person to read the cross on the target at a distance of over 400 yards. It is welcomed by land owners for draining, irrigating, fencing, grading, road building, leveling foundations, etc.

One in a Box.

STARRETT'S



Japanned Iron Frame and Tripod, Extension Legs, Nickel Plated Tubes, Level Case and Graduated Arc.

Each

No. 101A—Weight Each 13¾ Lbs. **$20.85**

No. 101B—With Ground Vial in Level, Weight Each 13¾ Lbs. **23.35**

Designed for the use of architects, contractors, millwrights, masons, surveyors, etc.

The tripod is of iron, and has improved extension legs. The upper parts are hollow, to receive within them the lower parts, which may be held at any desired length by clamp screws.

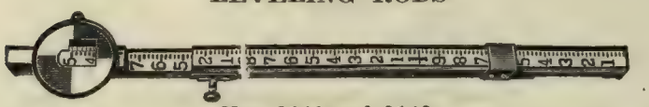
The upper plate is connected to the tripod head by a ball and socket joint, and can be leveled by the leveling screws. This plate is recessed to contain a graduated arc below its upper surface, and has a center stud on which the arc and level turn. The graduated arc is of steel, and has on it one half of a circumference divided to degrees and properly numbered. This arc turns on the center stud of the upper plate, independent of the level or sight tube.

The sight tube is a brass tube 12 in. long, and in one end is a small eye aperture, while the other end has the usual cross wires.

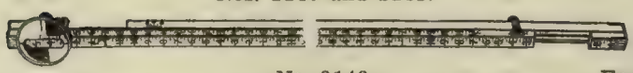
One in a Box.

Surveying Instruments

LEVELING RODS



Nos. 2140 and 2142.



No. 2143.

Each

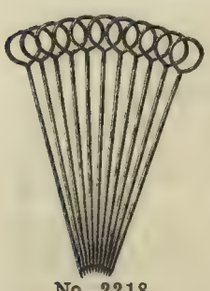
No. 2140—**Heavy Philadelphia Leveling Rod,** Divided into Feet, 10ths and 100ths, Vernier Reading to 1000ths, with Target Vernier and Clamp, 7 ft. Long, Sliding Out to 13 ft., Weight Each About 15 Lbs..... **$28.30**

No. 2142—**Light Philadelphia Leveling Rod,** Divided into Feet, 10ths and 100ths, Vernier Reading to 1000ths, with Target Vernier and Clamp, 6½ ft. Long, Sliding Out to 12 ft., Weight Each About 15 Lbs..... **26.50**

No. 2143—**Architect's Rod,** Divided to 1 in. and ⅛ in., Brass Mounted, with Target and Clamp, 5½ ft. Long, Sliding Out to 10 ft. 6 in., Weight Each About 8 Lbs..... **11.35**

No. 2143B—**Architect's Rod,** Same as No. 2143, but Divided into Feet, 10ths and 100ths, Weight Each About 8 Lbs..... **11.35**

ARROWS



No. 2218.

Per Set

No. 2218—Steel Arrows, 11 in Set, 10 in. Long, W. G. 6, Weight Per Set About 1½ Lbs. **$2.35**

No. 2220—Steel Arrows, 11 in Set, 14 in. Long, W. G. 6, Weight Per Set About 2 Lbs. **2.90**

No. 2222—Iron Arrows, 11 in Set, 14 in. Long, W. G. 10, Weight Per Set About 2 Lbs. **1.45**

One Set in a Bundle.

RANGING POLES

No. 2151.

No. 2153.

Painted Red and White Alternately Every Foot.

Length, Feet	5	6	8	10
No. 2150—Round, Wood.....Each,	**$3.35**	**3.80**	**4.25**	**4.75**
No. 2151—Octagonal, Wood...Each,	**3.35**	**3.80**	**4.25**	**4.75**
No. 2152—Tubular, Iron .....Each,	....	**5.25**	**5.75**	**6.25**
No. 2153—Octagonal, Steel, ⅛ in. .....Each,	....	**5.25**	**5.75**	**6.25**

Approximate Weight Each 5 Pounds.

Open Stock.

MEASURING CHAINS

No. 2224.

Steel, W. G. 12, Brazed Links and Rings, Brass Handle.

Nos.	2224	2226	2228	2230
Feet	33	50	66	100
Wt. Each, Lbs.	5	8	10	16
Each	**$10.45**	**11.35**	**18.90**	**21.75**

Steel, W. G. 12, Oval Rings, Brass Handles.

Nos.	2232	2234	2236	2238
Feet	33	50	66	100
Wt. Each, Lbs.	5	8	10	16
Each	**$6.70**	**8.55**	**12.35**	**15.10**

Iron, W. G. 8, Oval Rings, Brass Handles.

Nos.	2240	2242	2244	2246
Feet	33	50	66	100
Wt. Each, Lbs.	5	8	10	16
Each	**$4.80**	**6.70**	**8.10**	**10.45**

Wire Gauges.

SIZES OF THE NUMBERS OF ENGLISH STANDARD WIRE GAGE

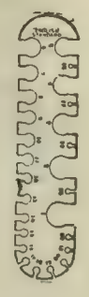
ROUND

Nos. 1 and 2.

The Decimal Equivalents of Each Number.

No. of Wire Gage	Size of Each No. in Decimal Parts of an Inch	No. of Wire Gage	Size of Each No. in Decimal Parts of an Inch	No. of Wire Gage	Size of Each No. in Decimal Parts of an Inch
0000	.454	11	.120	25	.020
000	.425	12	.109	26	.018
00	.380	13	.095	27	.016
0	.340	14	.083	28	.014
1	.300	15	.072	29	.013
2	.284	16	.065	30	.012
3	.259	17	.058	31	.010
4	.238	18	.049	32	.009
5	.220	19	.042	33	.008
6	.203	20	.035	34	.007
7	.180	21	.032	35	.005
8	.165	22	.028	36	.004
9	.148	23	.025		
10	.134	24	.022		

OBLONG



No. 4.

Stubs' or English Standard.
Cast Steel, Polished.

Per Dozen

No. 1—Large, Numbers 0 to 36, Weight Per Dozen About 2¾ Lbs. **$40.00**

No. 2—Small, Numbers 6 to 36, Weight Per Dozen About 1½ Lbs. **26.65**

One-half Dozen in a Box.

Stubs' or English Standard.
Cast Steel, Polished.

Per Dozen

No. 4—Small, Nos. 1 to 26, Weight Per Dozen About 1½ Lbs. **$33.35**

One-half Dozen in a Box.

MUSIC WIRE GAUGE

New Am. S. and W. Co. Standard.
Polished Steel, Hardened and Tested.

Each

No. 295—Numbers 6-0 to 33, Weight Each 2 Oz. ... **$4.20**

Three in a Box.

This Gauge has the Decimal Equivalents of Each Number Stamped on the Back.

No. of Wire Gage	Size of Each No. in Decimal Parts of an Inch	No. of Wire Gage	Size of Each No. in Decimal Parts of an Inch	No. of Wire Gage	Size of Each No. in Decimal Parts of an Inch
6-0	.004	8	.020	21	.046
5-0	.005	9	.022	22	.048
4-0	.006	10	.024	23	.051
3-0	.007	11	.026	24	.055
00	.008	12	.028	25	.059
0	.009	13	.030	26	.063
1	.010	14	.032	27	.067
2	.011	15	.034	28	.071
3	.012	16	.036	29	.075
4	.013	17	.038	30	.080
5	.014	18	.040	31	.085
6	.016	19	.042	32	.090
7	.018	20	.044	33	.095

Each gauge tested after hardening, and warranted accurate.

UNITED STATES STANDARD WIRE GAUGE

Polished Steel, Hardened and Tested.

Each

No. 283—Numbers 0 to 36, Weight Each 3 Oz. **$4.20**

The Gauge Numbers are those of the U. S. Standard Gauge for sheet and plate iron and steel, adopted by Congress, March 3, 1893. The gauge is approximately 3¼ in. diameter by ⅛ in. thick. The decimal equivalents of each number are stamped on the back.

Lumber Gauges.

LUFKIN'S

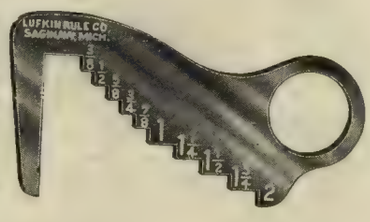
Aluminum, Nicely Finished, for Measuring Thickness of Lumber.

Per Dozen

No. 00—Measures ⅜, ½, ⅝, ¾, 1, 1¼, 1½, 1¾ and 2 in., Weight Per Dozen About 9 Oz. **$8.90**

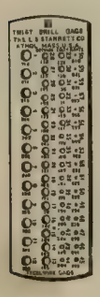
No. 000—Measures ⅝, ¾, 1, 1¼, 2 and 2½ in., Weight Per Dozen About 12 Oz. **$9.50**

One in a Box.



Drill Gauges.

TWIST DRILL



Polished Steel.

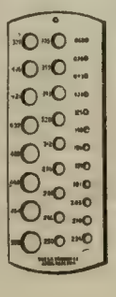
Each

No. 186—Length 5½ in., Width 1⅝ in., Thickness ⅛ in., Weight Each 3 Oz. **$2.50**

This Gauge gives the number of drill to fit each hole and the size of hole in thousandths of an inch.

Three in a Box.

STARRETT'S JOBBERS' DRILL



Polished Steel, Hardened and Tempered.

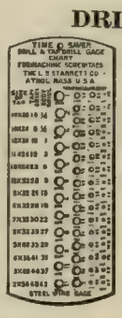
Each

No. 187—Length 6¼ in., Width 2⅜ in., Thickness ⅛ in., Weight Each 4½ Oz. **$3.75**

This Gauge shows sizes ⅛ in. to ½ in. varying by 64ths. Each size is designated by both common and decimal fraction.

Three in a Box.

DRILL, TAP AND WIRE



Polished Steel.

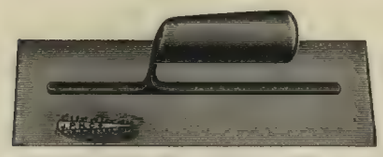
Each

No. 185—Length 6¼ in., Width 2⅜ in., Thickness 3/32 in., Weight Each 4½ Oz. **$2.95**

By the use of this gauge one is enabled to select at once the right sized drill to suit machine screw tap most commonly used.

Three in a Box.

Plastering Trowels



No. E500—Highest Grade Crucible Spring Steel, Highly Finished, Polished and Etched, Polished Malleable Iron Mountings, Ten Rivets, Stained Wood Handles.

Size, Inches	10½	11	11½	12
Width of Blade, Inches.	4¾	4¾	4¾	4¾
Ap. Wt. Per Dozen, Lbs.	13	14	15	16
Per Dozen	$33.35	34.45	35.55	36.65

The mounting on the Trowel extends to 1 in. of each end of blade.

One-third Dozen in a Box.

MARSHALLTOWN BROWNING

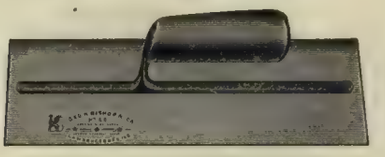
No. 200—22 Gauge Crucible Spring Steel, Hardened Mountings, Full Polished, Twelve Rivets, Plain White Handle.

Size, Inches	4¾x11	4¾x11½	4¾x12	5x11½	5x12
Ap. Wt. Doz., Lbs.	12	13	13½	13½	14
Per Dozen	$40.00	40.00	40.00	40.00	40.00

The Mountings on this Trowel extend to ¼ in. of each end of blade.

One-third Dozen in a Box.

BISHOP'S BROWNING

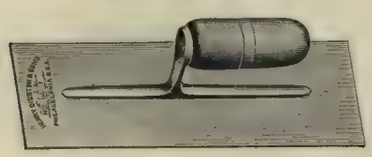


No. 66—22 Gauge, Crucible Flexible Steel, Taper Ground, Extra Long Malleable Mountings, Full Polished, Twelve Rivets, Patent Handle Fastening, Natural Wood Handle.

Size, Inches	10½	11	11½	12
Width of Blade, Inches.	4½	4¾	4¾	5
Ap. Wt. Per Dozen, Lbs.	12¼	13¼	13½	14
Per Dozen	$42.20	44.50	46.65	48.85

One-third Dozen in a Box.

DISSTON'S



No. 1—Highest Grade Crucible Steel, Tempered and Ground, Improved Screw Handle, 4 Rivets.

Length, Inches	10½	11	11½	12	12½	13
Width, Inches	4½	4⅝	4⅞	5	5	5
Ap. Wt. Doz., Lbs.	11½	12	12½	13	14	15
Per Dozen	$22.60	25.10	27.50	30.45	33.35	35.75

One-half Dozen in a Box.

MARSHALLTOWN FINISHING

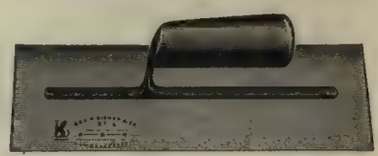
No. 100—23 Gauge Crucible Spring Steel, Hardened Mountings, Full Polished, Ten Rivets, Plain White Handle.

Sizes, Inches	4½x11½	4¾x11	4¾x11½
Ap. Wt. Per Dozen, Lbs.	11	12	13
Per Dozen	$40.00	40.00	40.00
Size, Inches	4¾x12	5x11½	5x12
Ap. Wt. Per Dozen, Lbs.	13½	13½	14
Per Dozen	$40.00	40.00	40.00

The mounting on this Trowel extends to 1 in. of each end of blade.

One-third Dozen in a Box.

BISHOP'S FINISHING

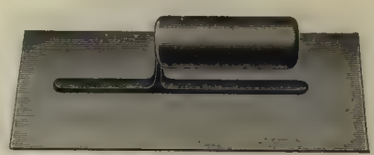


No. 6—23 Gauge Crucible Flexible Steel, Taper Ground, Best Malleable Mountings, Full Polished, Ten Rivets, Patent Handle Fastening, Natural Wood Handles.

Size, Inches	10½	11	11½	12
Width of Blade, Inches.	4½	4¾	4¾	4¾
Ap. Wt. Per Dozen, Lbs.	12	13	13½	14
Per Dozen	$42.20	44.50	46.65	48.85

One-third Dozen in a Box.

BISHOP'S

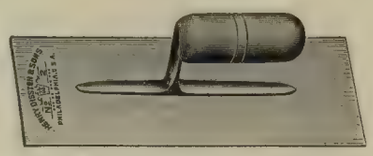


No. 25—CINCINNATI PATTERN, Cast Steel, Warranted, Taper Ground from Center to Edges, 5 Rivets, Poplar Handle.

Length, Inches	11	11½
Width of Blade, Inches	4¾	4¾
Approx. Weight Per Dozen, Lbs.	13	14
Per Dozen	$19.50	20.25

One-third Dozen in a Box.

DISSTON'S



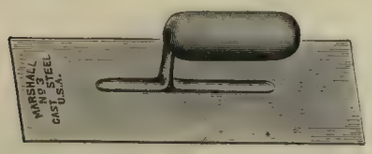
No. 2—Crucible Steel, Tempered and Ground, Plain Wood Handle, Riveted Mounting.

Length, Inches	10½	11	11½	12	12½	13
Width, Inches	4½	4⅝	4¾	4⅞	5	5
No. of Rivets	3	3	4	4	4	4
Ap. Wt. Doz., Lbs.	11½	12	12½	13	14	16
Per Dozen	$20.15	22.20	23.85	25.90	27.95	29.60

One-half Dozen in a Box.

Plastering Trowels.

MARSHALL'S

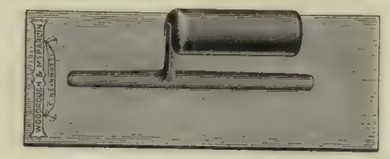


No. 3—Cast Steel, Polished, Plain Wood Handle, 3 Rivets in Mounting.

Size, Inches	10	10½	11	11½	12
Width, Inches	4½	4½	4½	4½	4½
Ap. Wt. Doz., Lbs.	11	11½	12	12½	13
Per Dozen	$12.75	12.75	14.00	15.20	16.45

One-half Dozen in a Box.

WOODROUGH & McPARLIN'S

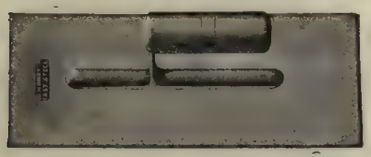


No. 5—CINCINNATI PATTERN, Crucible Steel Blade, Ground and Tempered, Plain Wood Handle, Riveted Mounting.

Sizes, Inches	11	11½	12	12½	13
Width, Inches	4⅝	4⅞	5	5	5⅛
Ap. Wt. Doz., Lbs.	12	12½	13	14	15
Per Dozen	$20.80	21.60	22.40	24.00	25.60

One-half Dozen in a Box.

HANDY

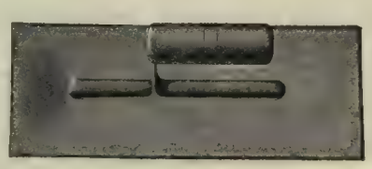


No. 10—Polished, Cast Steel, Plain Wood Handle, 3 Rivets.

Size, Inches	10½	11
Width, Inches	4½	4½
Approx. Weight Per Dozen, Lbs.	14	14
Per Dozen	$5.00	5.00

One-half Dozen in a Box.

FARMERS'



No. 11—Polished Cast Steel, Plain Wood Handle, 3 Rivets.

Size, Inches	10
Width, Inches	4½
Approx. Weight Per Dozen, Lbs.	14
Per Dozen	$3.35

One-half Dozen in a Box.

Cement Trowels.

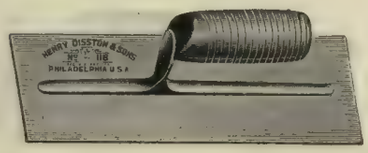
IOWA SPECIAL

No. 250—22 Gauge Spring Steel, 4 Rivets, High Mountings, Plain Wood Handle.

Size, Inches	11	11½
Width, Inches	4¾	4¾
Approx. Weight Per Dozen, Lbs.	12½	13½
Per Dozen	$11.10	11.10

One-half Dozen in a Box.

DISSTON'S

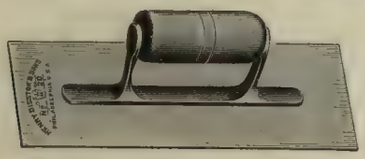


No. 118—Highest Grade Crucible Steel, Tempered and Accurately Ground, Thin Blades, 10 Rivets, Leather Grip Handle.

Size, Inches	11	11½	12
Width, Inches	4⅝	4⅞	5
Ap. Weight Per Dozen, Lbs.	14	14½	15
Per Dozen	$32.00	32.80	33.55

One-half Dozen in a Box.

DISSTON'S CEMENTERS' TROWELS

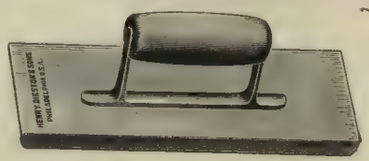


No. 20—High Crucible Steel, Tempered and Accurately Ground, Extra Heavy Blade, 16 Gauge, ⅞ in. Wide Mounting Extending to within 2 in. of Ends, 4 Rivets, Plain Wood Handle.

Size, Inches	11	11½	12
Width, Inches	4⅝	4⅞	5
Ap. Weight Per Dozen, Lbs.	19½	21	22
Per Dozen	$26.55	28.50	30.85

One-half Dozen in a Box.

DISSTON'S CEMENT EDGING TROWELS



Crucible Steel Blade, Highly Tempered and Correctly Ground, Wood Handle.

Size, Inches	11	11½
Width, Inches	4¾	4¾
Ap. Weight Per Dozen, Lbs.	18	18
Per Dozen	$24.90	26.65

One-half Dozen in a Box.

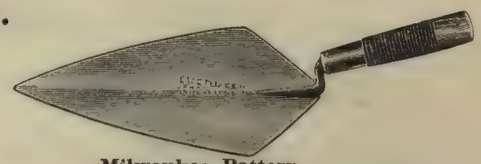
Brick Trowels.

Philadelphia Pattern.

No. E106—Best Quality Steel Taper Ground, Full Polished Blade, Polished Ferrule, Leather Handle.

Length of Blade, Inches	10½	11
Width of Blade, Inches	5¾	6
Approx. Weight Per Dozen, Lbs.	15	18
Per Dozen	$24.50	25.00

One-half Dozen in a Box.



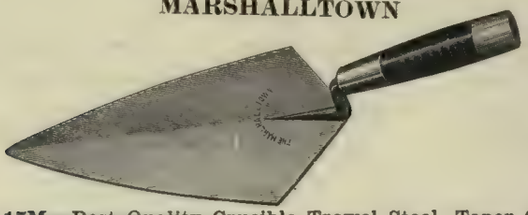
Milwaukee Pattern.

No. E107—Best Quality Steel, Taper Ground, Full Polished Blade, Polished Ferrule, Leather Handle.

Length of Blade, Inches	10½	11
Width of Blade, Inches	6⅛	6½
Approx. Weight Per Dozen, Lbs.	16	18
Per Dozen	$26.65	27.20

One-half Dozen in a Box.

MARSHALLTOWN

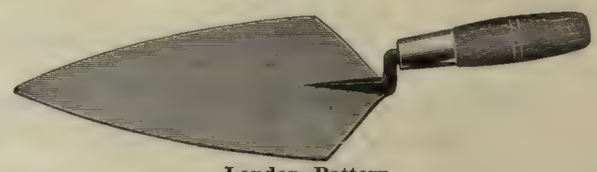


No. 15M—Best Quality Crucible Trowel Steel, Taper Ground, Straight Blades, Oil Tempered Spring Points, Extra Thin Full Polished Blades, Leather Handle.

Blade, Inches	10x6	10½x6⅛	11x6¼
Ap. Wt. Per Dozen, Lbs.	14	14½	15
Per Dozen	$25.00	25.55	26.10
Blade, Inches		11½x6¼	12x6⅜
Ap. Wt. Per Dozen, Lbs.		15½	16
Per Dozen		$26.65	27.20

One-half Dozen in a Box.

JUDD'S PATTERN



London Pattern.

No. 25M—Forged Crucible Steel, Solid Shank, Polished Ferrule, Plain Wood Handle.

Length Blade, Inches	9	9½	10	10½
Width, Inches	4⅝	4⅝	4¾	5
Ap. Wt. Per Dozen, Lbs.	13	13¼	13½	13¾
Per Dozen	$9.35	9.70	10.00	10.30
Length Blade, Inches	11	11½	12	12½
Width, Inches	5⅛	5¼	5¼	5¼
Ap. Wt. Per Dozen, Lbs.	14	14¼	14½	15
Per Dozen	$10.70	11.00	11.35	11.70

One-half Dozen in a Box.

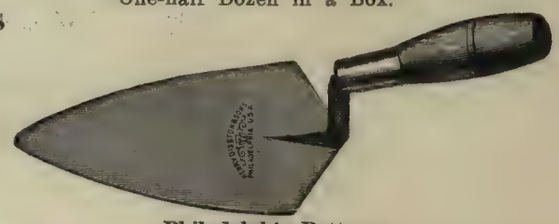
DISSTON'S

London Pattern.

Polished Cast Steel, Solid Shank, Polished Steel Ferrule, Plain Wood Handle.

Lgth. Blade, Inches.	9	9½	10	10½	11
Width, Inches	4⅛	4⅛	4¼	4½	4¾
Ap. Wt. Doz., Lbs.	10	10	11	12	13
Per Dozen	$14.05	14.85	15.60	16.40	17.20
Lgth. Blade, Inches.		11½	12	12½	13
Width, Inches		4⅞	5	5¼	5½
Ap. Wt. Doz., Lbs.		13	13	14	16
Per Dozen		$18.00	18.75	19.90	21.10

One-half Dozen in a Box.



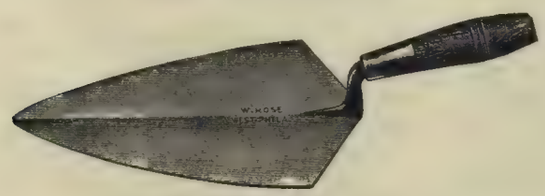
Philadelphia Pattern.

Polished Cast Steel, Solid Shank, Polished Steel Ferrule, Plain Wood Handle.

Length Blade, Inches	10	10½	11
Width, Inches	5	5	5½
Ap. Wt. Per Dozen, Lbs.	12	13	13½
Per Dozen	$17.20	18.00	18.75
Length Blade, Inches	11½	12	12½
Width, Inches	5½	5½	5½
Ap. Wt. Per Dozen, Lbs.	14	14½	15
Per Dozen	$19.50	20.30	21.50

One-half Dozen in a Box.

ROSE'S



Philadelphia Pattern.

Forged Special Crucible Steel, Tempered, Ground and Polished, Solid Shank, Selected Hardwood Handle.

Lgth. Blade, Inches.	10	10½	11	11½	12	12½
Width, Inches	5⅛	5¼	5¼	5⅜	5½	5¾
Ap. Wt. Doz., Lbs.	12	13	14	14½	15	16
Per Dozen	$20.90	21.65	22.45	23.20	24.00	24.75

One-half Dozen in a Box.

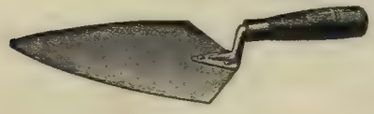
Milwaukee Pattern.

Forged Special Crucible Steel, Tempered, Ground and Polished, Solid Shank, Selected Hardwood Handle.

Length Blade, Inches	10½	11
Width, Inches	6	6
Approx. Weight Per Dozen, Lbs.	15	16
Per Dozen	$23.20	24.00

One-half Dozen in a Box.

HANDY



Philadelphia Pattern.

Cast Steel, Polished, Riveted Shank, Plain Handle. Per Dozen

No. 20—10 in. Long Blade, 4⅝ in. Wide, Weight Per Dozen About 8½ Lbs. $2.80

One-half Dozen in a Box.

Pointing Trowels

EVERKEEN J.P.H.CO.

No. E40—Best Quality Steel, Ground and Polished, Solid Shank, Black Handle.

Blade, Inches	5	5½	6
Width Heel, Inches.	2⅜	2½	2¾
Ap. Wt. Doz., Lbs..	2½	3¼	3½
Per Dozen	$5.60	5.80	6.10

One-half Dozen in a Box.

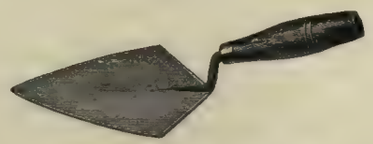
DISSTON'S

No. 15—Cast Steel Blade, Ground and Polished, Solid Shank, Plain Wood Handle.

Blade, Inches	5	5½	6
Width Heel, Inches.	2½	2½	2⅝
Ap. Wt. Doz., Lbs..	2¾	3	3
Per Dozen	$7.45	7.80	8.20

One-half Dozen in a Box.

JUDD'S PATTERN



No. 25—Cast Steel, Polished Solid Shank, Plain Wood Handle.

Blade, Inches	5	5½	6
Width Heel, Inches.	2½	2⅝	2¾
Ap. Wt. Doz., Lbs..	3¾	4	4
Per Dozen	$4.60	4.70	5.00

One-half Dozen in a Box.

Pointing Trowels.

HANDY

Cast Steel, Polished, Riveted Shank, Plain Handle.

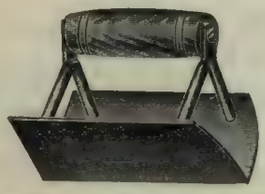
Per Dozen

No. 30—5 in. Long Blade, 2⅝ in. Wide at Heel, Weight Per Dozen About 3 Lbs.....$1.50

One Dozen in a Box.

Corner Trowels.

JUDD'S



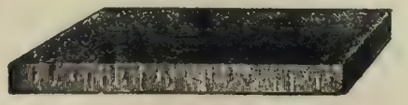
Cast Steel Blade, Polished, Malleable Iron Shanks, Wood Handle.

Per Dozen

No. 35—6 in. Long Blade, 2½ in. Wide Each Side, Weight Per Dozen About 10 Lbs.....$9.45

One-half Dozen in a Box.

Plasterers' Cork Floats.



Made from One Thickness of Cork, Smoothed on Both Sides.

Per Dozen

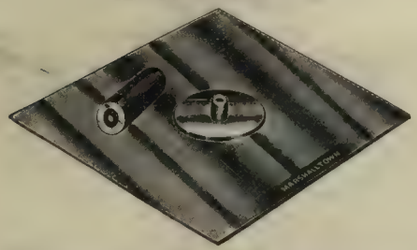
No. 5—12x5x1¼ in. Thick, Weight Per Dozen About 6 Lbs. .....$ 9.35

No. 6—12x6x1¼ in. Thick, Weight Per Dozen About 7½ Lbs. 10.00

Open Stock.

Marshalltown Hawks

ALUMINUM

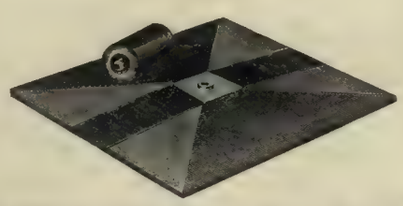


Hard Rolled Aluminum, Detachable Wood Handle, with 3¾ in. Flange with Hub Extending ⅞ in. to Receive Thread on Handle.

Nos.	1	2	3
Size, Inches	13x13	13½x13½	14x14
Ap. Wt. Per Dozen, Lbs...	21	22	23
Per Dozen	$37.75	40.00	41.10

One-quarter Dozen in a Box.

CEDAR



First Quality Cedar Dovetailed Cross Piece, Detachable Handle, with Bolt Running Clear Through Handle, Adding Strength to Hawk.

No.	22
Size, Inches	13½x13½
Approx. Weight Per Dozen, Lbs.....	24
Per Dozen	$14.50

One-third Dozen in a Box.

Plasterers' Darbies.

ALUMINUM

Hard Rolled Aluminum.

Per Dozen

No. 2—3½x44 in., 18 in. Black Enameled Wood Rib, One Detachable Upright Enameled Wood Handle, Weight Per Dozen About 27 Lbs.....$40.00

One-half Dozen in a Box.

WOOD

Straight Grained Cedar, Smooth Finish.

Per Dozen

No. 02—3½x44 in., 18 in. Rib, Detachable Upright Handle, Weight Per Dozen About 20 Lbs...$10.00

Open Stock.

Cement Workers' Tools

JOINTERS

Length 6 in., Width 2¾ in., Depth of Cut ½ in.

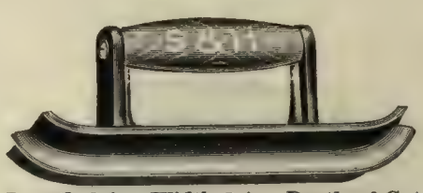
Each

No. 1 — Iron, Nickel Plated, Weight Each 1⅛ Lbs.....$0.60

No. X01—Hardened Aluminum, Weight Each ⅝ Lb..... 1.35

Two in a Box.

JOINTERS



Length 9 in., Width 3 in., Depth of Cut ½ in.

Each

No. 3 — Iron, Nickel Plated, Weight Each 1½ Lbs.....$0.95

No. X03—Hardened Aluminum, Weight Each ¾ Lb..... 1.70

Two in a Box.

STRAIGHT EDGE JOINTER

Length 6 in., Width 3 in., Depth of Cut ½ in. Each

No. 5 — Iron, Nickel Plated, Weight Each 1¼ Lbs.....$0.65

No. X05—Hardened Aluminum, Weight Each ⅝ Lb..... 1.35

No. 05—Bronze, Weight Each 1⅝ Lb. 1.70

Length 8 in., Width 1¾ in., Depth of Cut ½ in. Each

No. 42 — Iron, Nickel Plated, Weight Each 1⅛ Lbs.....$0.80

Two in a Box.

JOINTER

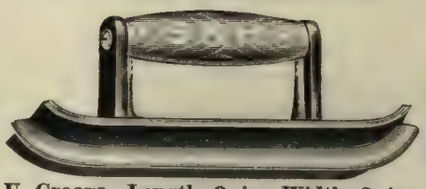
Length 8 in., Width 2½ in., Depth of Cut ½ in. Each

No. 65 — Iron, Nickel Plated, Weight Each 1⅜ Lbs.....$0.85

No. X065—Hardened Aluminum, Weight Each 1⅛ Lbs..... 1.45

Two in a Box.

DRIVEWAY GROOVERS



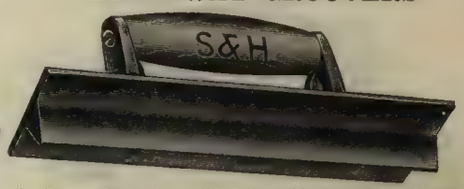
U Groove, Length 9 in. Width 3 in., Depth of Cut ⅜ in.

Each

No. 7 — Iron, Nickel Plated, Weight Each 2 Lbs.....$0.95

Two in a Box.

DRIVEWAY GROOVERS



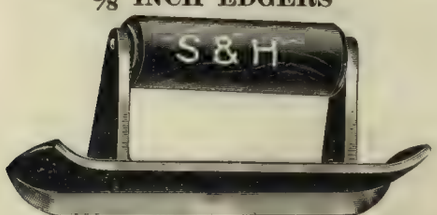
Length 8 in., Width 2½ in., Depth of Cut ¾ in. Each

No. 66 — Iron, Nickel Plated, Weight Each 1½ Lbs.....$0.85

No. X066—Hardened Aluminum, Weight Each ¾ Lb..... 1.45

Two in a Box.

⅜ INCH EDGERS



Length 6 in., Width 2¾ in., with a ⅜ in. Radius.

Each

No. 2 — Iron, Nickel Plated, Weight Each 1⅛ Lbs.....$0.60

No. X02—Hardened Aluminum, Weight Each ⅝ Lb..... 1.30

Two in a Box.

⅜ INCH EDGERS

Length 6 in., Width 1½ in., with a ⅜ in. Radius.

Each

No. 37 — Iron, Nickel Plated, Weight Each ¾ Lb.....$0.70

No. X037—Hardened Aluminum, Weight Each ½ Lb..... 1.35

Two in a Box.

⅜ INCH EDGERS

Length 8 in., Width 2½ in., with a ⅜ in. Radius.

Each

No. 64 — Iron, Nickel Plated, Weight Each 1⅛ Lbs.....$0.85

No. X064—Hardened Aluminum, Weight Each ½ Lb..... 1.45

Two in a Box.

¾ INCH EDGERS

Length 6 in., Width 3 in., with a ¾ in. Radius.

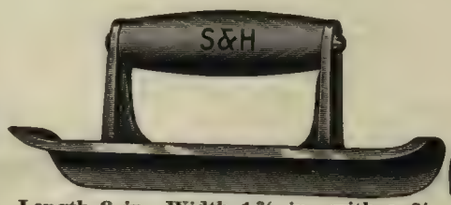
Each

No. 4 — Iron, Nickel Plated, Weight Each 1⅜ Lbs.....$0.60

No. X04—Hardened Aluminum, Weight Each ½ Lb..... 1.35

Two in a Box.

¾ INCH EDGERS



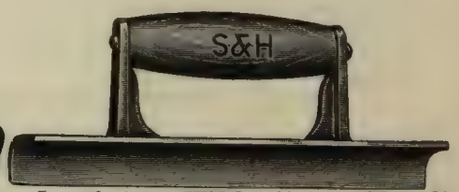
Length 8 in., Width 1¾ in., with a ¾ in. Radius.

Each

No. 39 — Iron, Nickel Plated, Weight Each 1¼ Lbs.....$0.80

Two in a Box.

¾ INCH EDGERS



Length 8 in., Width 2½ in., with a ¾ in. Radius.

Each

No. 63 — Iron, Nickel Plated, Weight Each 1⅛ Lbs.....$0.85

No. X063—Hardened Aluminum, Weight Each ½ Lb..... 1.45

Two in a Box.

Cement Workers' Tools

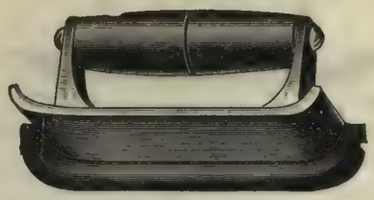
CURBING EDGER

Length 6 in., Width 3½ in., with a 1½ in. Radius.

Each

No. 100—Iron, Nickel Plated, Weight Each 1⅜ Lbs..... **$1.35**
No. X0100—Hardened Aluminum, Weight Each ⅝ Lb..... **1.70**
Two in a Box.

OUT-CURVE EDGER

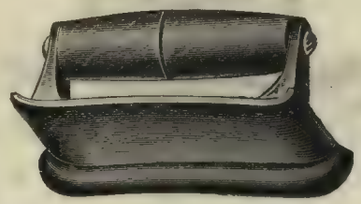


Length 5 in., Width 2 in., with a ⅜ in. Radius.

Each

No. 58 — Iron, Nickel Plated, Weight Each ⅝ Lb..... **$0.70**
For making the outer crown or narrow sidewalks or stair approaches, where a very small circle is required.
Two in a Box.

IN-CURVE EDGER



Length 5 in., Width 2 in., with a ⅜ in. Radius.

Each

No. 57 — Iron, Nickel Plated, Weight Each ⅝ Lb..... **$1.70**
For making the inner curve on narrow sidewalks or stair approaches, where a very small circle is required.
Two in a Box.

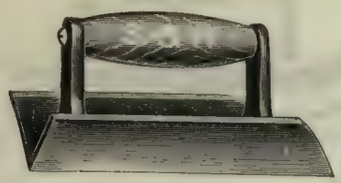
SQUARE EDGER

Length 6 in., Width 3 in., Depth of Edge 1½ in.

Each

No. 17 — Iron, Nickel Plated, Weight Each 1⅜ Lbs..... **$1.00**
No. X017—Hardened Aluminum, Weight Each ⅝ Lb..... **1.35**
Two in a Box.

CORNER TOOL

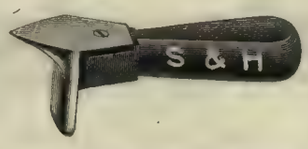


Length 6 in., Width of Sides 1½ in.

Each

No. 6 — Iron, Nickel Plated, Weight Each 1 Lb..... **$0.65**
No. X06—Hardened Aluminum, Weight Each 7/16 Lb..... **1.30**
No. 06—Bronze, Weight Each 1⅝ Lbs..... **1.65**
Two in a Box.

RADIUS TOOL



Length Over All 5½ in., with ⅜ in. Radius.

Each

No. 23 — Iron, Nickel Plated, Weight Each ⅝ Lb..... **$0.65**
No. X023—Hardened Aluminum, Weight Each 7/16 Lb..... **1.12**
No. 023—Bronze, Weight Each ¼ Lb..... **1.15**
Two in a Box.

CORRUGATING TOOL

Length 6 in., Width 4½ in., Makes Grooves ⅛ in. Deep, ⅝ in. Apart.

Each

No. 44 — Iron, Nickel Plated, Weight Each 1½ Lbs..... **$1.35**
No. X044—Hardened Aluminum, Weight Each ¾ Lb..... **2.00**
Two in a Box.

CURB-GUTTER FINISHING TOOL

Length 6 in., Width of Sides 3 in., Sides Slightly Curved at Each End.

Each

No. 26 — Iron, Nickel Plated, Weight Each 1½ Lbs..... **$1.35**
No. X026—Hardened Aluminum, Weight Each 7/16 Lb..... **2.00**
Two in a Box.

GUTTER TOOL

Length 6 in., for Making Gutter 1 in. Deep by 3½ in. Wide.

Each

No. 8 — Iron, Nickel Plated, Weight Each 1½ Lbs..... **$1.35**
No. X08—Hardened Aluminum, Weight Each ⅝ Lb..... **1.75**
Two in a Box.

RAISED (TUCK) POINTERS

Sizes ¼ in., ⅜ in. and ½ in.

Each

No. 12—Iron, Nickel Plated, Weight Each 7/16 Lb.... **$0.60**
No. X012—Hardened Aluminum, Weight Each 7/16 Lb.. **1.12**
Twelve in a Box.

CONVEX POINTERS

Sizes ¼ in., ⅜ in. and ½ in.

Each

No. 61—Iron, Nickel Plated, Weight Each About ⅜ Lb. **$0.60**
Twelve in a Box.

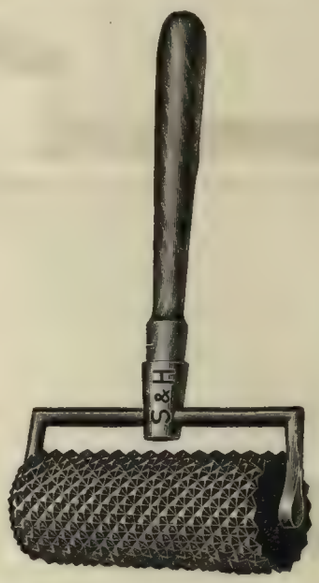
Cement Workers' Tools.

IMPRINT ROLLERS

Length of Cylinder 10 in., Diameter of Cylinder 4 in., 1 in. Distance Between Dots.

	Each
No. 15 — Iron, Nickel Plated, Weight Each 9¼ Lbs.	**$4.60**
No. 015—Bronze, Weight Each 10¾ Lbs.	**18.65**

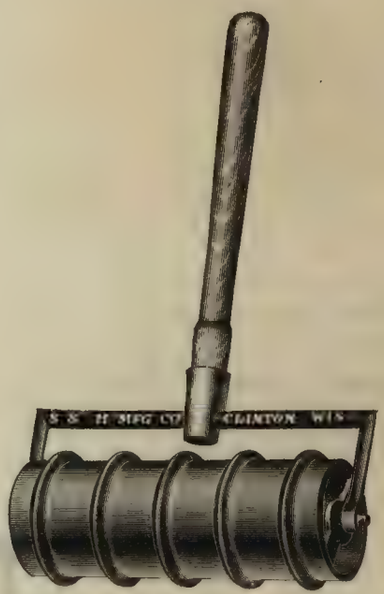
One in a Package.



Length of Cylinder 8 in., Diameter of Cylinder 3 in., ½ in. Distance Between Dots.

	Each
No. 70—Iron, Nickel Plated, Weight Each 5¾ Lbs.	**$ 8.00**
No. 070—Bronze, Weight Each 7 Lbs.	**16.10**

One in a Package.

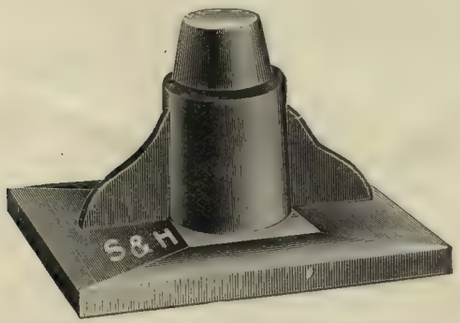


Length of Cylinder 10 in., Diameter of Cylinder 4 in., 2 in. Distance Between Grooves.

	Each
No. 16 — Iron, Nickel Plated, Weight Each 11½ Lbs.	**$ 4.60**
No. 016—Bronze, Weight Each 8 Lbs.	**18.65**

One in a Package.

TAMPERS



Cast Iron, with 4 ft. Hickory Handle. For Walk and Driveway Work.

Nos.	3	4	5
Inches	10x10	8x10	8x8
Weight Each, Lbs.	22½	20	17
Each	$1.70	1.35	1.25

Open Stock.

Combination, Cast Iron, 4 ft. Hickory Handle, for Steps, Curbs and Small Work.

	Each
No. 2—Large End 3x4 in., Pein End 1x4 in., Weight Each 10½ Lbs.	**$2.10**

Open Stock.

TILING TOOL

9 in. Long Over All.

	Each
No. 91—Iron, Nickel Plated, Weight Each 1 Lb.	**$0.65**

This Tool can be used with common lath for a straight edge and make a fine job as the Tool is under perfect control of the operator. It is used by plasterers to make imitation of tiling in bath rooms and similar places.

BEADING TOOLS

Made of Cold Drawn Steel, Milled True to Gauge, for Stone Range or Cement Block Work, Concave on One End and Convex on the Other.

Nos.	11	12	13	14
Size of Beads, Inches	1/16 & ¼	¼ & 5/16	5/16 & ⅜	⅜ & ½
Ap. Wt. Per Dozen, Lbs.	2	3	3½	6
Per Dozen	$7.80	7.80	7.80	7.80

One-half Dozen in a Box.

Moulders' Tools.

SQUARE TROWELS

Polished Steel Blade, Wood Handle.

Length of Blade, Inches		4½	5	5½	6	6½	7
Width of Blade 1 in	Per Dozen,	$ 8.00	8.80	9.60	10.40	.....	.....
Width of Blade 1¼ in	Per Dozen,	8.80	9.60	10.40	11.20	.....	.....
Width of Blade 1½ in	Per Dozen,	10.40	11.20	12.00	12.80	13.60	15.20
Width of Blade 1¾ in	Per Dozen,	.....	12.80	13.60	14.40	15.20	16.80
Width of Blade 2 in	Per Dozen,	.....	14.40	15.20	16.00	16.80	18.40

Approximate Weight Per Dozen About 6 Pounds.

FINISHING TROWELS

No. 1.

No. 2.

Polished Steel Blade, Wood Handle.

Lgth. of Blade, Inches		5	5½	6	6½	7
Blade 1¼ in	Dozen,	$ 9.60	10.40	11.20	.....	.....
Blade 1½ in	Dozen,	11.20	12.00	12.80	13.60	15.20
Blade 1¾ in	Dozen,	12.80	13.60	14.40	15.20	16.80

Polished Steel Blade, Wood Handle.

Lgth. of Blade, Inches		5	5½	6	6½	7
Blade 1¼ in	Dozen,	$ 9.60	10.40	11.20	.....	.....
Blade 1½ in	Dozen,	11.20	12.00	12.80	13.60	15.20
Blade 1¾ in	Dozen,	12.80	13.60	14.40	15.20	16.80

Approximate Weight Per Dozen About 6 Pounds.

STOVE TOOL, Fig. 1, No. 1

Polished Steel.

Width, In.		⅜	½	⅝	¾	1
Dozen		$7.20	8.00	8.80	9.60	10.40

Weight Per Dozen About 2 Pounds.

STOVE TOOL, Fig. 2, No. 2

Polished Steel.

Width, Inches	⅝	¾
Per Dozen	$6.40	7.20

Weight Per Dozen About 3 Pounds.

STOVE TOOL, Fig. 3, No. 3

Polished Steel.

Width, Inches	⅝	¾
Per Dozen	$6.40	7.20

Weight Per Dozen About 2 Pounds.

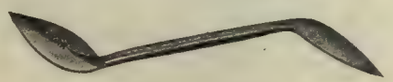
STOVE TOOL, Fig. 4, No. 4

Polished Steel.

Width, Inches	¾
Per Dozen	$8.00

Weight Per Dozen About 2 Pounds.

STOVE TOOL, Fig. 5, No. 5



Polished Steel.

Width, Inches	⅝	¾
Per Dozen	$6.40	7.20

Weight Per Dozen About 2 Pounds.

OVAL STOVE TOOL, Fig. 6

Polished Steel.

Width, Inches	⅝
Per Dozen	$7.20

Weight Per Dozen About 2 Pounds.

SLICK AND FLUTE, Fig. 7

Polished Steel.

Width, Inches	⅜
Per Dozen	$7.20

Weight Per Dozen About 2 Pounds.

SLICK AND BEAD, Fig. 8

Polished Steel.

Width, Inches	⅜
Per Dozen	$7.20

Weight Per Dozen About 2 Pounds.

SLICK AND SPOON, Fig. 9

Polished Steel.

Width, Inches	⅜
Per Dozen	$7.20

Weight Per Dozen About 2 Pounds.

Moulders' Tools

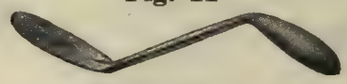
GATE CUTTER, Fig. 10

Polished Steel.

Width, Inches	½	⅝
Per Dozen	$8.00	8.80

Weight Per Dozen About 2 Pounds.

GATE CUTTER AND SPOON, Fig. 11



Polished Steel.

Width, Inches	1	1¼	1½
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

BENCH LIFTER, Fig. 12, No. 1

Polished Steel.

Width, Inches	3/16	¼	⅜
Per Dozen	$4.80	5.60	7.20
Width, Inches	½	⅝	¾
Per Dozen	$8.00	8.80	9.60

Weight Per Dozen About 2 Pounds.

BENCH LIFTER, Fig. 13, No. 2

Polished Steel.

Width, Inches	7/16	9/16	11/16
Per Dozen	$6.40	7.20	8.00

Weight Per Dozen About 2 Pounds.

BENCH LIFTERS (BENT), Fig. 14

Polished Steel.

Width, Inches	⅜	½	⅝	¾
Per Dozen	$7.20	8.00	8.80	9.60

Weight Per Dozen About 2 Pounds.

YANKEE, Fig. 15

Polished Steel.

Width, In	½	⅝	¾	1
Per Dozen	$8.00	8.80	9.60	11.20

Weight Per Dozen About 2 Pounds.

YANKEE, Fig. 16, No. 2

Polished Steel.

Width, In	½	⅝	¾	1
Per Dozen	$8.00	8.80	9.60	11.20

Weight Per Dozen About 2 Pounds.

BENCH LIFTER (BENT), Fig. 17, No. 2

Polished Steel.

Width, In	½	⅝	¾	1
Per Dozen	$8.00	8.80	9.60	11.20

Weight Per Dozen About 2 Pounds.

BENCH LIFTER, Fig. 18, No. 3

Polished Steel.

Width, In	⅜	½	⅝	¾
Per Dozen	$7.20	8.00	8.80	9.60

Weight Per Dozen About 2 Pounds.

BENCH LIFTER (BENT), Fig. 19, No. 3

Polished Steel.

Width, Inches	⅜	½	⅝
Per Dozen	$7.20	8.00	8.80
Width, Inches	¾	1	
Per Dozen	$9.60	11.20	

Weight Per Dozen About 2 Pounds.

LEAF AND SQUARE (SPECIAL), Fig. 20

Polished Steel, Double Curved Shank.

Blades, Inches	⅞x3
Length, Inches	10
Per Dozen	$10.40

Weight Per Dozen About 2 Pounds.

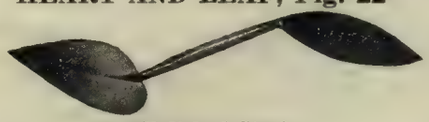
HEEL SLICK, Fig. 21

Polished Steel.

Blade, Inches	⅞x2¼
Heel, Inches	½x⅞
Length, Inches	8
Per Dozen	$10.40

Weight Per Dozen About 2 Pounds.

HEART AND LEAF, Fig. 22

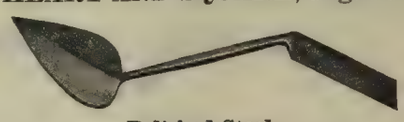


Polished Steel.

Width, Inches	¾	1	1¼	1½	1¾	2
Per Dozen	$7.20	8.00	9.60	11.20	12.80	14.40

Weight Per Dozen About 2 Pounds.

HEART AND SQUARE, Fig. 23

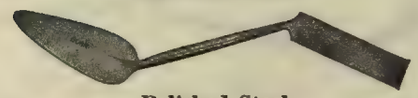


Polished Steel.

Width, Inches	¾	1	1¼	1½	1¾	2
Per Dozen	$7.20	8.00	9.60	11.20	12.80	14.40

Weight Per Dozen About 2 Pounds.

TAPER AND SQUARE, Fig. 24, No. 1

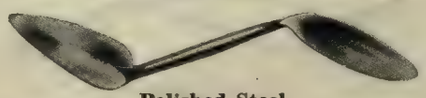


Polished Steel.

Width, In	¾	1	1¼	1½
Per Dozen	$8.00	8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

TAPER AND LEAF Fig. 24½



Polished Steel.

Width, In	¾	1	1¼	1½
Per Dozen	$8.00	8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

TAPER AND SQUARE, Fig. 25, No. 2

Polished Steel.

Width, Inches	⅝	¾	1
Per Dozen	$7.20	8.00	8.80
Width, Inches		1¼	1½
Per Dozen		$10.40	12.00

Weight Per Dozen About 2 Pounds.

Moulders' Tools.

TAPER AND SQUARE, Fig. 26, No. 3

Polished Steel.

Width, Inches	1
Per Dozen	$8.80

Weight Per Dozen About 2 Pounds.

SLICK AND SQUARE SPOON, Fig. 27

Polished Steel.

Width, Inches	1½
Per Dozen	$9.60

Weight Per Dozen About 2 Pounds.

TAPER AND SQUARE SPOON, Fig. 28

Polished Steel.

Width, Inches	1	1¼	1½
Per Dozen	$8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

TAPER AND OVAL SPOON, Fig. 28½

Polished Steel.

Width, In.	¾	1	1¼	1½
Per Dozen	$8.00	8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

SLICK AND OVAL SPOON, Fig. 29

Polished Steel.

Width, In.	¾	1	1¼	1½
Per Dozen	$8.00	8.80	10.40	12.00

Weight Per Dozen About 2 Pounds.

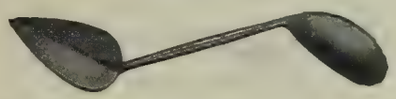
HEART AND SQUARE SPOON, Fig. 30

Polished Steel.

Width, In.	1	1¼	1½	1¾
Per Dozen	$8.00	9.60	11.20	12.80

Weight Per Dozen About 2 Pounds.

HEART AND OVAL SPOON, Fig. 31



Polished Steel.

Width, In.	1	1¼	1½	1¾
Per Dozen	$8.00	9.60	11.20	12.80

Weight Per Dozen About 2 Pounds.

SPOON, Fig. 32, No. 1

Polished Steel.

Width, Inches	1	1¼	1½
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

SPOON, Fig. 33, No. 2

Polished Steel.

Width, Inches	1	1¼	1½
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

SPOON, Fig. 34, No. 3

Polished Steel.

Width, Inches	1	1¼	1½
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

SLICK AND BEAD, Fig. 35

Polished Steel.

Width, Inches	¾	1
Per Dozen	$8.00	8.80

Weight Per Dozen About 2 Pounds.

SPOON AND BEAD, Fig. 36

Polished Steel.

Width, Inches	¾	1
Per Dozen	$8.00	8.80

Weight Per Dozen About 2 Pounds.

DOUBLE SQUARE, Fig. 37

Polished Steel.

Width, In.	⅛	⅝	¾	1
Per Dozen	$8.00	8.80	9.60	10.40

Weight Per Dozen About 2 Pounds.

OVAL DOG TAIL, Fig. 38

Polished Steel.

Width, Inches	¾	1	1¼
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

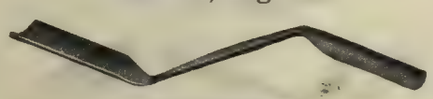
COLUMN SLICK, Fig. 39

Polished Steel.

Width, Inches	⅜	⅝	⅞
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

FLUTE, Fig. 40

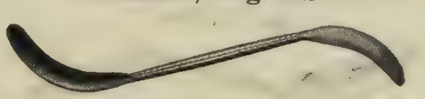


Polished Steel.

Width, Inches	⅜	⅝	⅞
Per Dozen	$8.00	9.60	11.20

Weight Per Dozen About 2 Pounds.

BEAD, Fig. 41



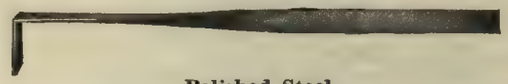
Polished Steel.

Width, Inches	⅜	½	⅝
Per Dozen	$7.20	8.00	8.80
Width, Inches	¾		¾x12
Per Dozen	$9.60		11.20

Weight Per Dozen About 2 Pounds.

Moulders' Tools.

LIFTER, Fig. 42

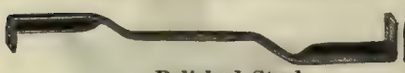


Polished Steel.

Width of Blade, Inches		⅛	¼	⅜	½	⅝	¾	⅞	1
10 in. Blade	Per Dozen,	$6.40	7.20	8.00	8.80	.....	.....	.....	.....
12 in. Blade	Per Dozen,	7.20	8.00	8.80	9.60	10.40	11.20	.....	.....
14 in. Blade	Per Dozen,	8.00	8.80	9.60	10.40	11.20	12.00	12.80	13.60
16 in. Blade	Per Dozen,	8.80	9.60	10.40	11.20	12.00	12.80	13.60	14.40
18 in. Blade	Per Dozen,	....	10.40	11.20	12.00	12.80	13.60	14.40	15.20
20 in. Blade	Per Dozen,	....	.....	12.00	12.80	13.60	14.40	15.20	16.00

Weight Per Dozen About 4 Pounds.

HUB TOOL, Fig. 43

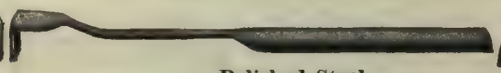


Polished Steel.

Width, Inches	¾	1
Per Dozen	$12.80	15.20

Weight Per Dozen About 3 Pounds.

FLUTED HUB LIFTER, Fig. 44

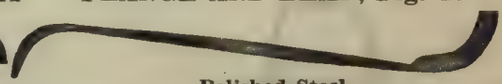


Polished Steel.

Width, In.	¾x8	¾x10	¾x12	¾x14
Per Dozen	$10.40	12.00	12.80	13.60

Weight Per Dozen About 3 Pounds.

FLANGE AND BEAD, Fig. 45



Polished Steel.

Width, In.	½	⅝	¾	1
Per Dozen	$12.80	14.40	16.00	19.20

Weight Per Dozen About 3 Pounds.

FLANGE LIFTER, Fig. 46

Polished Steel.

Size, In.	½x14	½x16	⅝x14	⅝x16
Per Dozen	$16.80	17.60	17.60	18.40
Size, In.	¾x14	¾x16	¾x18	
Per Dozen	$18.40	19.20	20.00	
Size, In.	1x16	1x18	1x20	
Per Dozen	$20.80	21.60	22.40	

Weight Per Dozen About 4 Pounds.

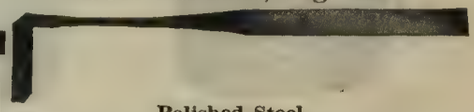
HUB LIFTER, Fig. 47

Polished Steel.

Size, Inches	½x12	½x14	½x16
Per Dozen	$10.40	11.20	12.00
Size, Inches	¾x14	¾x16	¾x18
Per Dozen	$12.80	13.60	14.40
Size, Inches	1x16	1x18	1x20
Per Dozen	$15.20	16.00	16.80

Weight Per Dozen About 4 Pounds.

BOX LIFTER, Fig. 48



Polished Steel.

Size, In.	½x14	½x16	⅝x14	⅝x16
Per Dozen	$16.80	17.60	17.60	18.40
Size, In.	¾x14	¾x16	¾x18	
Per Dozen	$18.40	19.20	20.00	
Size, In.	1x16	1x18	1x20	
Per Dozen	$20.80	21.60	22.40	

Weight Per Dozen About 4 Pounds.

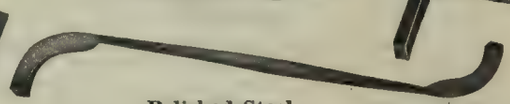
FLAT FLANGE, Fig. 49

Polished Steel.

Width, Inches	½	⅝
Per Dozen	$14.40	16.00
Width, Inches	¾	1
Per Dozen	$17.60	20.80

Weight Per Dozen About 4 Pounds.

FLAT AND CIRCULAR FLANGE, Fig. 50

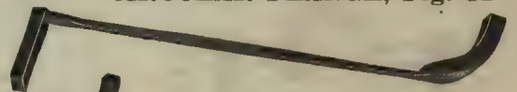


Polished Steel.

Width, Inches	½	⅝
Per Dozen	$14.40	16.00
Width, Inches	¾	1
Per Dozen	$17.60	20.80

Weight Per Dozen About 4 Pounds.

CIRCULAR FLANGE, Fig. 51



Polished Steel.

Width, Inches	½	⅝
Per Dozen	$14.40	16.00
Width, Inches	¾	1
Per Dozen	$17.60	20.80

Weight Per Dozen About 4 Pounds.

PIPE SLICK, Fig. 52

Polished Steel.

Width, Inches	1	1½	2
Per Dozen	$8.00	8.00	8.00

Weight Per Dozen About 2½ Pounds.

EGG SLICK, Fig. 53

Polished Steel.

Per Dozen $8.00

Weight Per Dozen About 2½ Pounds.

BUTTON SLICK, Fig. 54

Polished Steel.

Width, Inches	1½	2	2½
Per Dozen	$8.00	8.00	8.00

Weight Per Dozen About 2 Pounds.

SQUARE CORNER, Fig. 55

Polished Steel.

Width, Inches	1½	2	2½
Per Dozen	$8.80	9.60	10.40

Weight Per Dozen About 2½ Pounds.

INSIDE SQUARE CORNER, Fig. 56

Polished Steel.

Width, Inches	2	2½
Per Dozen	$12.00	12.80

Weight Per Dozen About 2½ Pounds.

HALF ROUND CORNER, Fig. 57

Polished Steel

Width, Inches	1	1¼	1½	2
Per Dozen	$8.00	8.80	9.60	10.40

Weight Per Dozen About 3 Pounds.

Aprons.

No. 6.

CARPENTERS'

White Duck, Tape Bound, Two Nail Pockets and One Rule Pocket.

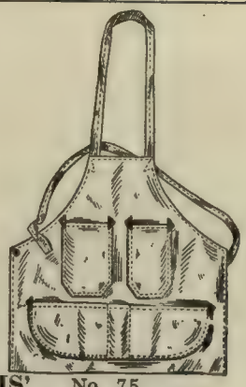
Per Dozen

No. 6—21 in. Long, 17½ in. Wide.....**$2.80**
Weight Per Dozen About 3 Pounds.
Open Stock.

Heavy Brown Duck, Leather Reinforcement at Pockets, with 4 Nail or Tool Pockets and One Rule Pocket.

Per Dozen

No. 75—24 in. Long, 19½ in. Wide.....**$4.45**
Weight Per Dozen About 5 Pounds.
Open Stock.



No. 75.

LUMBERMEN'S IDEAL

No. 461.

No. 561.

Heavy Stuffed Split Leather, 1 in. Hip Strap and Roller Buckle, All Straps Fastened with Patent Smooth Head Rivets.

Per Dozen

No. 461—26x27 in., with 6 in. Bib, 33 in. Neck Strap with Buckle, Weight Per Dozen About 33 Lbs.....**$53.30**
No. 561—26x21 in., without Bib and Neck Strap, Weight Per Dozen About 25 Lbs..... **43.30**
Open Stock.

IDEAL

Nos. 400 to 440.

Leather, with Bib, Riveted Strings, Smooth Heads on Both Sides.

Per Dozen

No. 400—38x27 in., Medium Split Leather.....**$37.80**
No. 403—38x27 in., Oak Tanned Split Leather..... **33.35**
No. 440—38x27 in., Mule Skin Leather..... **46.65**
Weight Per Dozen About 24 Pounds.

BLACKSMITHS' SHEEPSKIN

No. 100.

Skeepskin, Untrimmed.

Each

No. 100—Blacksmiths', Russet Tanned Sheepskin, Weight Each About 2 Lbs.....**$3.35**
Open Stock.

Tool Bags.

Nos. 4 to 6.

MASONS'

One Piece No. 6 (24 Oz.) White Duck, Extending Around Bottom, Bottom Two Thicknesses of Duck with Heavy Straw Board Filling, Machine Lock Stitched, Double 12 Gauge Steel Frame, Riveted to Body of Bag, Sides Connected with Leather Welt, Straps Over Top with Lock, Five Steel Studs on Bottom.

Each

No. 4—18x15½x5 in., Weight Each 3¾ Lbs.**$3.50**
No. 5—20x15½x5 in., Weight Each 4 Lbs. **3.70**
No. 6—24x15½x5 in., Weight Each 4¼ Lbs. **4.45**

Nos. 202 to 204.

MECHANICS'

For Mechanics', Linemen, Railroad Construction Gangs, Etc.

One Piece No. 6 (24 Oz.) White Duck, Reinforced on Each Eide for 3¼ in. from Bottom by Heavy Bag Leather, Extra Heavy Harness Leather Bottom with Binder Board and Duck. Stitched All Around, Supplied with 5 Steel Studs. Leather Welt Seam Ends, Double 12 Gauge Steel Frame Riveted to Body, with Straps Over Top and Lock.

Each

No. 202—14x13½x5½ in., Weight Each 3½ Lbs.....**$4.15**
No. 203—16x13½x5½ in., Weight Each 4 Lbs..... **4.35**
No. 204—18x15½x5½ in., Weight Each 4½ Lbs..... **4.45**

HARNESS LEATHER

Nos. 112 and 114.

For Plumbers, Electricians, Wire Men, Gas Fitters, Heavy Black Harness Leather, Three Ply Bottom, Steel Studs, with Shoulder Strap and Pad, Leather Handle, Saw or Bit Holder, Retaining Straps Pass Clear Around Bag.

Each

No. 112—14x8 in., Weight Each 6 Lbs...**$7.80**
No. 114—18x8 in., Weight Each 6½ Lbs... **8.90**

PLASTERERS'

Heavy Canvas, Double Bottom, Detachable Shoulder Strap.

Each

No. 10—16 in. Long, 18 in. High, 6 in. Thick.**$3.90**
Weight Each 2 Pounds.
Will hold all the Tools that can be carried.
Open Stock.

No. 10.

Pliers.

FLAT NOSE

No. 20—Forged Steel, Full Polished Head, Royal Blue Handles.

Inches	4	4½	5
Ap. Wt. Doz., Lbs.	1¾	2	2¾
Per Dozen	$6.10	6.35	6.60

Inches	5½	6
Ap. Wt. Doz., Lbs.	3¼	4½
Per Dozen	$7.25	7.90

One-half Dozen in a Box.

No. 82—Forged Steel, Box Joint, Polished Head, Black Handles.

Inches	5	6
Ap. Wt. Doz., Lbs.	1¾	3¼
Per Dozen	$7.00	8.35

Inches	7	8
Ap. Wt. Doz., Lbs.	4½	9
Per Dozen	$12.00	17.65

One-half Dozen in a Box.

No. 120—Drop Forged, Full Polished Head, Black Enameled Handles.

Inches	4	4½	5
Ap. Wt. Doz., Lbs.	1¾	2	2¾
Per Dozen	$4.35	4.35	4.70

Inches	5½	6
Ap. Wt. Doz., Lbs.	3¼	4½
Per Dozen	$5.40	6.60

One-half Dozen in a Box.

ROUND NOSE

No. 21—Forged Steel, Full Polished Head, Royal Blue Handle.

Inches	4	4½	5
Ap. Wt. Doz., Lbs.	1¾	1⅞	2½
Per Dozen	$6.10	6.35	6.60

Inches	5½	6
Ap. Wt. Doz., Lbs.	3	4¼
Per Dozen	$7.25	7.90

One-half Dozen in a Box.

No. 83—Forged Steel, Box Joint, Polished Head, Black Handles.

Inches	5	6
Ap. Wt. Doz., Lbs.	2	3½
Per Dozen	$7.00	8.35

Inches	7	8
Ap. Wt. Doz., Lbs.	6	8½
Per Dozen	$12.00	17.65

One-half Dozen in a Box.

No. 121—Drop Forged, Full Polished Head, Black Enameled Handle.

Inches	4	4½	5
Ap. Wt. Doz., Lbs.	1¾	1⅞	2½
Per Dozen	$4.35	4.35	4.70

Inches	5½	6
Ap. Wt. Doz., Lbs.	3	4¼
Per Dozen	$5.40	6.60

One-half Dozen in a Box.

UMBRELLA

No. 88—Flat Nose, Cast Steel, Polished Jaws, Black Handle.

Inches	6
Ap. Weight Per Dozen, Lbs.	4
Per Dozen	$13.35

One-half Dozen in a Box.

LODI, FLAT NOSE

No. 85—Stamped Steel, Bright Finish, Scored Jaws.

Inches	4	5	6
Ap. Wt. Doz., Lbs.	1	2	2½
Per Dozen	$1.12	1.70	2.25

One Dozen in a Box.

LODI, ROUND NOSE

No. 86—Stamped Steel, Bright Finish.

Inches	4	5	6
Ap. Wt. Doz., Lbs.	1	2	2½
Per Dozen	$1.12	1.70	2.25

One Dozen in a Box.

BERNARD'S, FLAT NOSE

No. 92—Crucible Steel, Open Throat, Parallel Jaws, Closed in Scored Handles, Full Nickel Plated.

Inches	4½	5½	6½
Ap. Wt. Per Dozen, Lbs.	3	4½	5½
Per Dozen	$8.70	11.60	14.50

One-half Dozen in a Box.

BERNARD'S, ROUND NOSE

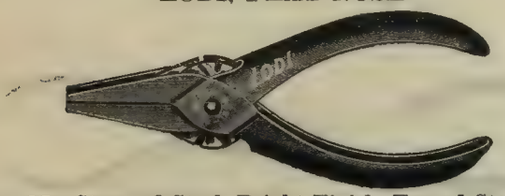
No. 93—Crucible Steel, Open Throat, Parallel Jaws, Closed in Scored Handles, Full Nickel Plated.

Inches	4½	5½	6½
Ap. Wt. Per Dozen, Lbs.	3	4½	5½
Per Dozen	$8.70	11.60	14.50

One-half Dozen in a Box.

Combined Pliers and Wire Cutters.

LODI, FLAT NOSE



No. 95—Stamped Steel, Bright Finish, Forged Steel Disc.

Inches	5	6
Approx. Weight Per Dozen, Lbs.	2½	4
Per Dozen	$2.25	3.35

One Dozen in a Box.

PARAGON, FLAT NOSE

No. 96—Crucible Steel, Finely Polished Tempered Jaw, Full Nickel Plated.

Inches	6
Approx. Weight Per Dozen, Lbs.	6
Per Dozen	$7.80

One-half Dozen in a Box.

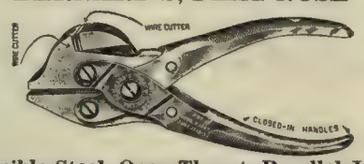
BERNARD'S, FLAT NOSE

No. 94—Crucible Steel, Open Throat, Parallel Jaws, Closed-in Scored Handle, Full Nickel Plated.

Inches	4½	5	5½	6
Ap. Wt. Per Dozen, Lbs.	4	4½	5	6
Per Dozen	$16.70	18.90	21.00	23.20
Inches		6½	7	8
Ap. Wt. Per Dozen, Lbs.		7	10	12½
Per Dozen		$25.40	27.60	34.10

One-half Dozen in a Box.

BERNARD'S, FLAT NOSE



No. 122—Crucible Steel, Open Throat, Parallel Jaws, Closed-in Scored Handle, Full Nickel Plated.

Inches	5	6
Approx. Weight Per Dozen, Lbs.	4½	7
Per Dozen	$30.50	37.75

One-half Dozen in a Box.

Pliers.

UTICA DIAGONAL

No. 42—Forged Steel, Polished Head, Royal Blue Checkered Handle.

Inches	5	6
Ap. Wt. Dozen, Lbs.	3	4
Per Dozen	$14.25	18.20

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

OBLIQUE CUTTING

No. 1304—Beveled, Forged Tool Steel, Polished Jaws, Box Joint, Black Handle.

Inches	6	7	8
Ap. Wt. Doz., Lbs.	4	6	8
Per Dozen	$11.10	13.35	16.65

One-half Dozen in a Box.

DIAGONAL SIDE CUTTING

No. 542—Drop Forged Steel, Tempered and Tested, Polished Head, Gun Metal Finish Handles.

Inches	6¾
Ap. Wt. Per Dozen, Lbs.	6
Per Dozen	$14.45

One-half Dozen in a Box.

LONG NOSE, NEEDLE POINT, SIDE CUTTING

No. 655—Forged Selected Quality Steel, Spring Tempered Nose, Full Polished Head, Royal Blue Handles.

Inches	5½
Ap. Wt. Per Dozen, Lbs.	3
Per Dozen	$13.90

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

LONG CHAIN NOSE, SIDE CUTTING

No. 654—Forged Select Quality Steel, Spring Tempered Nose, Full Polished Head, Royal Blue Handles.

Inches	5½
Ap. Wt. Per Dozen, Lbs.	3
Per Dozen	$13.20

Used by Telephone Men, Jewelers, Opticians, Electricians, Etc.
One-twelfth Dozen in a Box, One-half Dozen in a Carton.

NEEDLE NOSE

No. 777—Forged Steel, Half-Round Spring Tempered Nose, Full Polishd Head, Royal Blue Handles.

Inches	5½
Ap. Wt. Per Dozen, Lbs.	2¼
Per Dozen	$13.20

On switchboard work and on assembling small electrical apparatus, this Plyer is indispensable.
One-twelfth Dozen in a Box, One-half Dozen in a Carton.

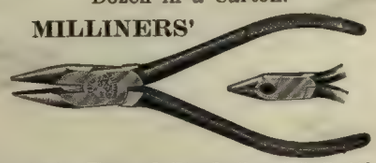
CURVED NEEDLE NOSE

No. 888—Forged Steel, Spring Tempered Nose, Full Polished Head, Royal Blue Handles.

Inches	5½
Ap. Wt. Per Dozen, Lbs.	2¼
Per Dozen	$14.35

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

MILLINERS'



No. 024—Forged Steel, Special Cutting Edge, Polished Head, Royal Blue Handles.

Inches	5
Ap. Wt. Per Dozen, Lbs.	2½
Per Dozen	$10.50

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

MILLINERS'

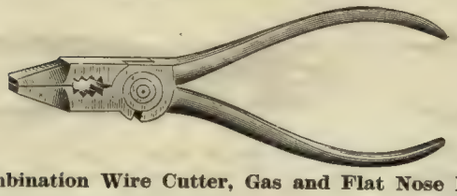
No. 026—Forged Steel, Special Cutting Edge, FULL NICKEL PLATED.

Inches	5
Ap. Wt. Per Dozen, Lbs.	2½
Per Dozen	$13.35

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

Pliers.

COMBINATION FLAT NOSE



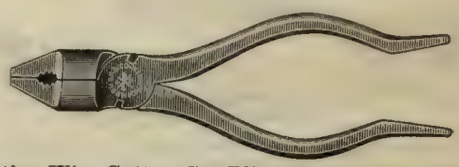
Combination Wire Cutter, Gas and Flat Nose Plier.

Per Dozen

No. 1399—5½ in., Solid Cast Steel, Lock Joint, Full Polished, Weight Per Dozen 3 Lbs..... **$3.90**

One-half Dozen in a Box.

COMBINATION



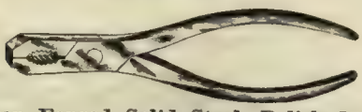
Combination Wire Cutter, Gas Plier, Reamer and Screw Driver.

Per Dozen

No. 5952—6 in. Solid Cast Steel, Lock Joint, Nickel Plated, Weight Per Dozen 3½ Lbs..... **$7.80**

One-half Dozen in a Box.

BURNER

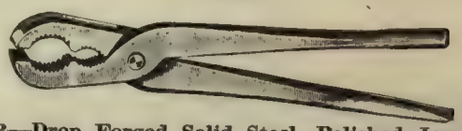


No. 203—Drop Forged Solid Steel, Polished Jaws, Black Handles.

Inches	5	6
Ap. Weight Per Dozen, Lbs.	3¼	4¼
Per Dozen	$4.50	5.00

One-half Dozen in a Box.

GAS



No. 213—Drop Forged Solid Steel, Polished Jaws, Black Handles.

Inches	8	10	12
Ap. Wt. Per Dozen, Lbs.	8	12	16
Per Dozen	$6.70	8.50	10.00

One-half Dozen in a Box.

BURNER

No. 1301—Forged Steel, Special Milled Teeth, Full Polished Head, Royal Blue Handles.

Inches	5	6
Ap. Weight Per Dozen, Lbs.	4	5
Per Dozen	$6.70	7.55

One-twelfth Dozen in a Carton, One-half Dozen in a Box.

GAS

No. 1300—Forged Steel, Polished Head, Royal Blue Handles.

Inches	8	10
Ap. Weight Per Dozen, Lbs.	10	16
Per Dozen	$9.35	12.00

One-twelfth Dozen in a Carton, One-half Dozen in a Box.

SLIP JOINT, SIDE CUTTING

Forged Steel, Knurled Handles, Nickel Plated.

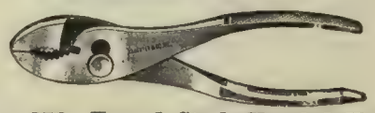
Per Dozen

No. 1873—7 in. Long, Weight Per Dozen 7 Lbs..... **$13.35**

This Plier cuts 8d wire box nails with ease owing to the immense leverage and shape of handle.

One-half Dozen in a Box.

COMBINATION



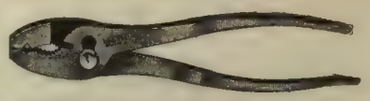
No. 356—Forged Steel, Knurled Handles, Slip Joint, Nickel Plated.

Inches	5½	6
Ap. Wt. Dozen, Lbs.	3½	6½
Per Dozen	$7.80	8.90

These Pliers are carefully forged from 60 carbon steel and are accurately machined.

One-half Dozen in a Box.

COMBINATION



No. 356—Forged Steel, Knurled Handles, Slip Joint, Nickel Plated.

Inches	8	10
Ap. Wt. Dozen, Lbs.	9	12½
Per Dozen	$11.10	14.45

These Pliers are carefully forged from 60 carbon steel and are accurately machined.

One-half Dozen in a Box.

COMBINATION

Forged Steel, Knurled Handle, Slip Joint, Full Nickel Plated.

Per Dozen

No. 1863—9 in., Weight Per Dozen 9 Lbs..... **$13.35**

This Plier is a combination of Gas Plier and Wire Cutter. Is made of 60 carbon steel and accurately machined.

One-half Dozen in a Box.

VICTOR UNIVERSAL

Forged 60 Carbon Steel, Knurled Handle, Slip Joint, Nickel Plated.

Per Dozen

No. 305—7 in., Weight Per Dozen About 6½ Lbs..... **$12.25**

The upper jaw is so constructed that the jaws adjust themselves to any taper —½ round, round, three square or parallel. The flat side always lays itself to the lower jaw which is straight. Will grip ⅜ to 1¼ in. pipe. The harder you press or pull the deeper it bites.

One-twelfth Dozen in a Box.

THIN NOSE COMBINATION AUTO

No. 1024—Drop Forged Steel, Checkered Handles, Slip Joint, Full Nickel Plated.

Inches	5	6⅛
Ap. Wt. Dozen, Lbs.	3	5½
Per Dozen	$6.70	6.70

With this Thin Nose Plier you can take hold of either a large or a small nut equally as well as you can with the big heavy nose. Has a screw driver end and will cut wire.

One-half Dozen in a Box.

Combination Pliers.

EVERKEEN J.P.H.CO. TRADE MARK

Combined Wire Cutter, Gas Plier and Screw Driver, Drop Forged Steel, Slip Joint.

Per Dozen

No. E925—6½ in., Full Nickel Plated, Weight Per Dozen About 6 Lbs.....**$6.70**

One-half Dozen in a Box.

BILLINGS & SPENCER'S GENUINE IMPROVED

Combined Wire Cutter, Gas Plier, Wrench and Screw Driver, Solid Steel, Slip Joint.

Per Dozen

No. 0260—6 in., Oil Finish....**$17.10**
No. 160—6 in., Nickel Plated. **19.00**

Weight Per Dozen About 7 Pounds.
One-twelfth Dozen in a Box, One-half Dozen in a Carton.

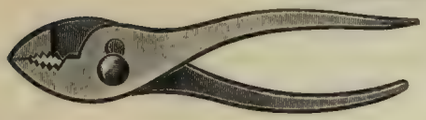
Combined Wire Cutter, Gas Plier, Wrench and Screw Driver.

No. 260—Solid Steel, Oil Finish.

Inches	8	10
Ap. Wt. Dozen, Lbs.	9	12
Per Dozen	$20.35	22.75

One-twelfth Dozen in a Box. One-half Dozen in a Carton.

DANIELSON COMBINATION



Combined Wire Cutter, Gas Plier and Screw Driver, Drop Forged Steel, Slip Joint, Takes Pipe ⅛ to 1 in.

Per Dozen

No. 26—6 in., Oil Finish.....**$4.45**
No. 16—6 in., Nickel Plated.... **5.00**

Weight Per Dozen About 6 Pounds.
One-twelfth Dozen in a Box, One-half Dozen in a Carton.

Combined Wire Cutter, Gas Plier and Screw Driver, Drop Forged Steel, Slip Joint, Takes Pipe ⅛ to 1¼ in.

Per Dozen

No. 27—8 in., Oil Finished.....**$6.70**
No. 17—8 in., Nickel Plated.... **7.60**

Weight Per Dozen About 9 Pounds.
One-twelfth Dozen in a Box, One-half Dozen in a Carton.

"GITTATIT" COMBINATION

Drop Forged Steel, WITH OFFSET, Slip Joint, Polished Jaws, Temper Finish.

Per Dozen

No. 646—7 in. Over All, Weight Per Dozen About 7 Lbs....**$6.70**

This will do all the work of the ordinary Plier and will go into many out-of-the way places where others will not.
One-half Dozen in a Box.

UTICA GAS PIPE, SIDE CUTTING

Forged Steel, Box Joint, Oval Throat.

Per Dozen

No. 700—7 in., Polished Jaws, Royal Blue Checkered Handles.....**$13.65**
No. 701—7 in., Full Nickel Plated..... **15.55**

Weight Per Dozen About 10 Pounds.

This Plier has a wire cutter on each side of the joint. Also has a side cutter for cutting large or insulated wire. The Burner Grip has milled teeth that will grip and hold firmly with little pressure. The end of handle is made into a first class screw driver and tire iron.

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

EVERKEEN J.P.H.CO. TRADE MARK

BUTTON

No. E3000—Forged Tempered Steel, Stop Joint, Flat Nose, Polished Head, Gun Metal Finish Checkered Handles.

Inches	4½	6	8	10
Ap. Wt. Per Dozen, Lbs.	3	6	10	17
Per Dozen	$5.80	7.00	8.90	11.10

One-twelfth Dozen in a Carton, One-half Dozen in a Box.

UTICA GIANT BUTTON

No. 1000—Forged Tempered Steel, Box Joint, Flat Nose, Polished Head, Royal Blue Handles.

Inches	4½	6	8	10
Ap. Wt. Per Dozen, Lbs.	3½	6¾	10½	18
Per Dozen	$6.25	7.10	9.10	11.35

This Plier has four wire cutters. The two cutters between the jaws are so designed that the wire after it is cut is held between the jaws. The handles are double roll and checkered.

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

BUTTON'S, FLAT NOSE

No. 2000—Drop Forged Steel, Polished Jaws, Black Handles.

Inches	4½	6	8	10
Ap. Wt. Per Dozen, Lbs.	3	6	9	15
Per Dozen	$3.90	4.50	5.60	7.25

One-half Dozen in a Box.

BUTTON'S PATTERN, FLAT NOSE

No. 1841—Forged Chrome Nickel Steel, Knurled Handles, Crocus Finish.

Inches	6½	8	10
Ap. Wt. Per Dozen, Lbs.	6	8	10
Per Dozen	$8.90	10.55	12.90

One-half Dozen in a Box.

Combination Pliers.

LINEMEN'S, FLAT NOSE, SIDE CUTTING

EVERGREEN

No. E1950—Klein Pattern, Drop Forged Steel, Crocus Polished Head, Gun Metal Finish Handles, Fully Warranted.

Inches	6	7	8
Ap. Wt. Doz., Lbs.	5	8	11
Per Dozen	$14.00	17.50	20.35

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

UTICA

No. 1950—Forged Tempered Steel, Full Polished Head, Royal Blue Checkered Handles.

Inches	6	7	8
Ap. Wt. Doz., Lbs.	5¾	9¼	13
Per Dozen	$14.20	17.55	20.45

One-twelfth Dozen in a Box, One-half Dozen in a Container.

P. S. & W. CO.'S

No. 30—Forged Crucible Steel, Box Joint, Polished Head, Black Handles.

Inches	5	6
Ap. Wt. Dozen, Lbs.	2½	5
Per Dozen	$15.00	16.20

Inches	7	8
Ap. Wt. Dozen, Lbs.	7½	10½
Per Dozen	$20.40	24.00

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

SIDE CUTTING

No. 1051—Cast Steel, Polished Face and Jaws, Black Handles.

Inches	4	5	6	7	8
Ap. Wt. Dozen, Lbs.	2	3¼	6	7½	10
Per Dozen	$6.15	7.00	8.35	9.80	11.15

4 to 6 in., One Dozen; 7 and 8 in., One-half Dozen in a Box.

UTICA COMPETITION, SIDE CUTTING

No. 1050—Forged Tempered Steel, Full Polished Head, Black Handles.

Inches	4	5	6	7	8
Ap. Wt. Dozen, Lbs.	2	3¼	6¼	7¾	10¾
Per Dozen	$6.45	7.80	9.55	11.10	13.35

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

EVERGREEN

SIDE CUTTING

No. E50—Forged Steel, Carefully Tempered, Full Polished Head, Gun Metal Finish Handles.

Inches	4	5	6	7	8
Ap. Wt. Dozen, Lbs.	2	3¼	6¼	7¾	10¾
Per Dozen	$10.00	10.55	11.35	13.90	15.80

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

UTICA STANDARD, SIDE CUTTING

No. 50—Forged Tempered Steel, Full Polished Head, Royal Blue Checkered Handle.

Inches	4	5	6	7	8
Ap. Wt. Dozen, Lbs.	2	3¼	6¼	7¾	10¾
Per Dozen	$9.35	10.00	11.00	13.10	14.75

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

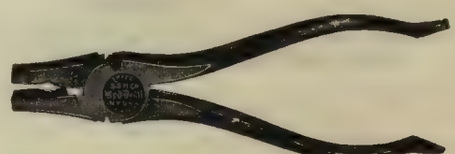
INSULATED HANDLE LINEMEN'S, SIDE CUTTING

No. 400—Forged Tempered Steel, Lap Joint, Full Polished, Patent Insulated Handles.

Inches	6	7	8
Ap. Wt. Per Dozen, Lbs.	6	7½	12
Per Dozen	$20.00	23.35	26.65

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

RED DEVIL, SIDE CUTTING



No. 401—Forged Tempered Steel, Box Joint, Polished Jaws, Blued Handles.

Inches	6½
Approx. Weight Per Dozen, Lbs.	6
Per Dozen	$10.00

A Combination Plier specially adapted for automobile work.
One-twelfth Dozen in a Box, One-half Dozen in a Carton.

Cutting Nippers.

END CUTTING

No. 850½—Extra Quality Forged Steel, Box Joint, Polished Jaws, Black Handle.

Inches	5	5½	6	7
Ap. Wt. Per Dozen, Lbs.	3½	4	4½	6
Per Dozen	$10.00	11.10	12.25	15.55

One-half Dozen in a Box.

No 360—Utica, Forged Steel, Full Polished Head, Royal Blue Handles.

Inches	5	6	7
Ap. Wt. Per Dozen, Lbs.	5	8	11
Per Dozen	$10.00	11.60	13.80

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

BOKER, END CUTTING

No. 1310—Extra Heavy Steel Frame, Inserted Crucible Steel Jaws, Polished Face and Cutting Edge, Japanned Handles and Head, Tempered Steel Spring.

Inches	6	7	8
Ap. Wt. Per Dozen, Lbs.	7	8	10
Per Dozen	$11.10	12.25	12.80

One-half Dozen in a Box.

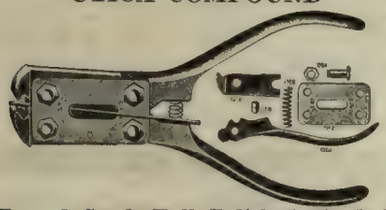
BERNARD'S, END CUTTING

No. 125—Crucible Steel, Open Throat Jaws, Spring in the Handle, Interchangeable Parts, Full Nickel Plated.

Inches	4	5	6	7	8
Cuts Wire, Inches	1/16	3/32	1/8	5/32	3/16
Ap. Wt. Doz., Lbs.	3½	5	7	10	12
Per Dozen	$16.00	20.30	24.70	29.00	36.25

One-half Dozen in a Box.

UTICA COMPOUND



No. 150—Forged Steel, Full Polished Head, Royal Blue, Double Roll and Checkered Handles.

Inches	5½	7½
Ap. Weight Per Dozen, Lbs.	6⅝	12⅞
Per Dozen	$18.90	23.10

This Nipper is used by Toolmakers, Machinists, Jewelers, Florists, Piano Manufacturers, etc.

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

STARRETT'S TILE CUTTING

No. 235—Drop Forged Steel Head and Handles, Case Hardened Parts, Tempered Steel, Adjustable Jaws, Finely Finished.

Inches	5½	7
Ap. Weight Per Dozen, Lbs.	8	12
Per Dozen	$50.00	60.00

The Frames of these Nippers are cut out to allow the Jaws to be adjusted for wide opening as shown in cut thus fitting them to be used in cutting tile.

One-twelfth Dozen in a Box.

STARRETT'S END CUTTING

No. 199—Drop Forged Steel Head and Handles, Tempered Steel Jaws, Interchangeable Parts.

Inches	5
Approx. Weight Per Dozen, Lbs.	7
Per Dozen	$45.00

	Per Pair
Extra Jaws—For No. 199 Nipper	$1.70

For Bicycle Spokes, etc. The cutting jaws conform to the inside of a bicycle rim, and will cut off the spokes just as close as required.

One-twelfth Dozen in a Box.

No. 1—Drop Forged Head and Handles, Case Hardened, Tempered Steel Adjustable Jaws, Finely Finished.

Inches	5½	7
Opens, Inches	1/8	5/32
Ap. Weight Per Dozen, Lbs.	8	12
Per Dozen	$50.00	60.00

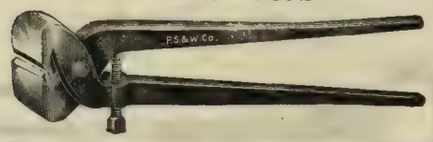
	Per Pair
Extra Jaws	$0.85

Each jaw can be ground away to the extent of ¼ in., remaining as good as new for practical use. A screw through the jaw engages with a spline in the frame and draws the jaw firmly down to the toothed seat, holding it securely.

One-twelfth Dozen in a Box.

Cutting Nippers.

P. S. & W. CO.'S

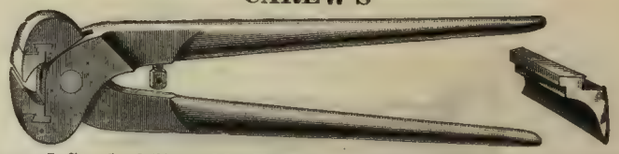


Best Cast Steel, Polished Solid Steel Jaws, Black Handles.

Nos.	1	2	3	4	5
Length, Inches	12	11	10	8	7
Ap. Wt. Per Pair, Lbs.	2⅛	1½	1¼	¾	⅝
Per Pair	$2.70	2.40	1.80	1.70	1.20

Six Pair in a Box.

CAREW'S



Forged Steel, Adjustable Tempered Tool Steel Jaws, Polished Head, Black Handles.

Nos.	8	10	12	14
Inches	8	10	12	14
Ap. Wt. Per Pair, Lbs.	1½	2	3	4
Per Pair	$3.80	4.25	4.90	5.70
Extra Cutters ....Pair,	1.05	1.15	1.25	1.35
Extra Set Screws...Each,	.25	.25	.25	.25

One Pair in a Package.

ACME

Cast Steel Frame and Handle, Choicest Tool Steel Removable Jaws, Dovetailed into the Head, Polished Head, Japanned Handles.

Nos.	01	02	03	04	05
Inches	12	11	10	8	7
Ap. Wt. Per Pair, Lbs.	2¼	2	1½	1	⅞
Per Pair	$2.50	2.25	1.95	1.70	1.40
Extra Cutters ....Pair,	.70	.70	.70	.60	.60
Extra Set Screws..Dozen,	1.35	1.35	1.35	1.35	1.35

Two Pair in a Box.

NETTLETON REVERSIBLE

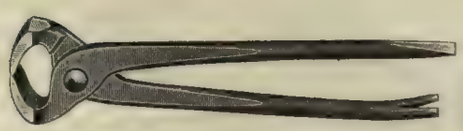
Reversible Polished Tool Steel Cutters, Dovetailed into the Head, Black Handles.

Nos.	140	120	100	80	60
Inches	14	12	10	8	6
Cuts Wire, Inches	5/16	¼	3/16	⅛	1/16
Ap. Wt. Per Pair, Lbs.	4	2½	2	¾	½
Per Pair	$2.80	2.50	2.25	1.95	1.70
Extra Cutters.....Pair,	1.30	1.00	.90	.70	.60

Two Pair in a Box.

Pincers.

CARPENTERS'



No. 202—Solid Cast Steel, Polished Head, Oil Finished Handles, with Claw and Screw Driver.

Inches	6	7	8	9	10	12
Ap. Wt. Doz., Lbs.	5	7	9	12	14	16
Per Dozen	$4.10	4.80	5.40	6.10	7.25	8.90

One-half Dozen in a Box.

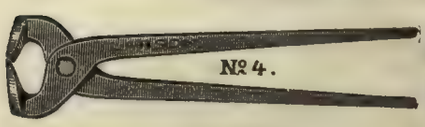
No. 302—HAMMER HEAD, High Grade Tempered Steel, Polished Jaws, Black Handles, a Combined Pincer, Tack Hammer, Tack Puller, Screw Driver and Wire Cutter.

Inches	6	8	10
Ap. Wt. Per Dozen, Lbs.	6	10	13
Per Dozen	$4.40	5.60	7.50

One-half Dozen in a Box.

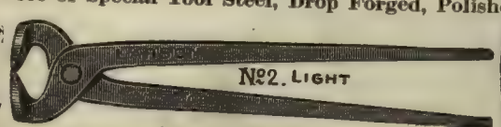
LARSON'S

Hand Made of One Piece of Special Tool Steel, Drop Forged, Polished Jaws, Japanned Handle.



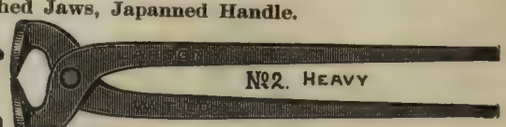
Carpenters'.

Per Dozen
No. 4—11 in. Long, Weight Per Dozen 16 Lbs.....$14.45
One-half Dozen in a Box.



Light Jaw.

Per Dozen
No. 2—12 in. Long, Weight Per Dozen 18 Lbs.....$16.00
One-half Dozen in a Box.



Heavy Jaw.

Per Dozen
No. 02—13 in. Long, Weight Per Dozen 20 Lbs.....$17.80
One-half Dozen in a Box.

Combination, with Bolt Holder.

Per Dozen
No. 3—14 in. Long, Weight Per Dozen About 25 Lbs..$18.90

The ends of handles taper to screw driver bit. The bolt holder attachment is included for holding heads of bolts.

One-half Dozen in a Box.

Blacksmiths' Pincers.

V. & B.

Drop Forged Steel, Oil Tempered and Polished Jaws, Natural Finish Handles.

Nos.	10	12	14
Inches	10	12	14
Ap. Wt. Per Dozen, Lbs.	17	21	24
Per Dozen	$11.10	12.25	14.45

One-half Dozen in a Box.

HELLER'S

No. 16.

Forged Crucible Tool Steel, Tempered Jaws, Polished Head, Natural Finish Handles.

Nos.	15	16
Inches	12	14
Ap. Weight Per Dozen, Lbs.	21	25
Per Dozen	$21.10	26.65

One-half Dozen in a Box.

Hoof Parers.

HELLER'S

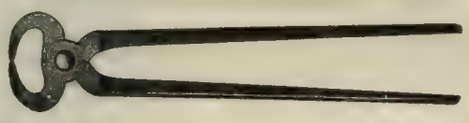
Forged Crucible Tool Steel, Tempered Jaw, Full Polished.

Nos.	112	114
Inches	12	14
Ap. Weight Per Dozen, Lbs.	22	26
Per Dozen	$26.65	33.35

One-half Dozen in a Box.

Hoof Nippers.

HELLER'S



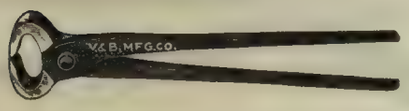
Forged Crucible Steel, Tempered Jaws, Full Polished.

Nos.	40	50
Inches	12	14
Ap. Weight Per Dozen, Lbs.	20	24
Per Dozen	$26.65	33.35

One-half Dozen in a Box.

Hoof Nippers.

V. & B.



Drop Forged Steel, Oil Tempered and Polished Jaws, Natural Finish Handles.

Nos.	30
Inches	12
Ap. Weight Per Dozen Lbs.	21
Per Dozen	$15.00

One-half Dozen in a Box.

P. S. & W. CO.'S

Forged Steel, Finely Finished, Full Polished.

Nos.	22	24
Inches	12	14
Approx. Weight Per Dozen, Lbs.	25½	34
Per Dozen	$22.25	26.65

One-twelfth Dozen in a Box.

Shoe Pincers.

Cast Steel, Steel Rivet at Joint, Full Polished.

Per Dozen

No. 2—8 in. Long, Weight Per Dozen About 8 Lbs. . . . $12.25

One-half Dozen in a Box.

Hoof Cleaners.

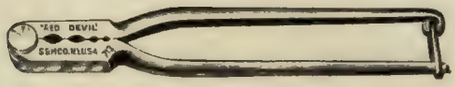
Blakeslee's, Malleable Iron, Japanned.

Per Dozen

No. 5—10 in. Long, Weight Per Dozen About 7 Lbs. . . . $2.25

One Dozen in a Box.

Linemen's Clamps or Connectors.



Electro Bo-Ras-Ic Steel, Spring Tempered Handles, with Round Edges.

Full Polished, File Cut Teeth.

Per Dozen

No. 713—10¾ in., for Nos. 4, 6, 10 and 12 Iron Wire and Nos. 2, 4, 8 and 10 Copper Wire, B. and S. Gauge, Weight Per Dozen About 14 Lbs. . **$32.20**

One-half Dozen in a Box.

Polished Head, Smooth Jaws, Oil Finish Handles.

Per Dozen

No. 718—10¾ in., for Nos. 4, 6, 10 and 12 Iron Wire, and Nos. 2, 4, 8 and 10 Copper Wire, B. and S. Gauge, Weight Per Dozen About 14 Lbs. . **$21.10**

One-half Dozen in a Box.

Electro Bo-Ras-Ic Steel, Spring Tempered Handles, with Round Edges.

Full Polished, File Cut Teeth.

Per Dozen

No. 715—10¾ in., for Nos. 6, 8, 10, 12 and 14 Iron Wire, and Nos. 4, 6, 8, 10 and 12 Copper Wire, B. and S. Gauge, Weight Per Dozen About 14 Lbs. **$32.20**

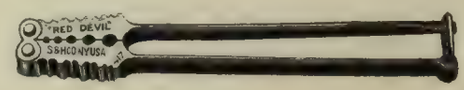
One-half Dozen in a Box.

Polished Head, Smooth Jaws, Oil Finish Handles.

Per Dozen

No. 723—10¾ in., for Nos. 6, 8, 10, 12 and 14 Iron Wire and Nos. 4, 6, 8, 10 and 12 Copper Wire, B. and S. Gauge, Weight Per Dozen 14 Lbs. **$21.10**

One-half Dozen in a Box.



Electro Bo-Ras-Ic Steel, Spring Tempered Handles, with Round Edges.

Full Polished, File Cut Teeth.

Per Dozen

No. 709—7 in., for Nos. 12, 14, 16 and 18 Iron Wire, and Nos. 10, 12, 14 and 16 Copper Wire, B. and S. Gauge, Weight Per Dozen 6 Lbs. . . **$28.80**

One-half Dozen in a Box.

Electro Bo-Ras-Ic Steel, Spring Tempered Handles, with Round Edges.

Polished Head, File Cut Teeth, Gun Metal Finish Handles.

Per Dozen

No. 417—10¾ in., for Nos. 6, 8, 10, 12 and 14 Iron Wire, Nos. 4, 6, 8, 10 and 12 Copper Wire and Nos. 8, 10, 12 and 14 McIntyre's Sleeves, Weight Per Dozen About 18 Lbs. **$31.65**

One-half Dozen in a Box.

Improved Haven Clamps.

Drop Forged Tool Steel for Stretching Telegraph and Electric Light Wires.

Per Dozen

No. 568—Gun Metal Finish Frame, Polished Jaws, for ½ in. Wire and Finer, Weight Per Dozen About 30 Lbs. **$55.50**

One-half Dozen in a Box.

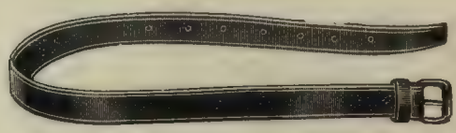
Linemen's Climbers.

No. 253—One Piece Forged Spring Tempered Tool Steel, with Improved Spur, without Straps.

Length, Inches	15	15½	16	16½
Ap. Wt. Doz. Pairs, Lbs. . . .	3¼	3¼	3½	3½
Per Dozen Pairs.	$33.35	33.35	33.35	33.35
Length, Inches		17	17½	18
Ap. Wt. Doz. Pairs, Lbs. . . .		3½	3½	3½
Per Dozen Pairs.		$33.35	33.35	33.35

One Pair in a Box.

Linemen's Climber Straps.



Heavy Oiled Leather, Hand Sewed, Malleable Buckles.

Per Set of Four

No. 254—21 in. Long, Weight Per Set of 4 About ¾ Lb. **$1.45**

Three Sets in a Bundle.

Carborundum Display Case.

FOR ASSORTMENT No. 7

This is a splendid attractive little case for the window or counter display. It is 24 inches high, 18 inches wide, and 12 inches deep. It is made from golden quartered oak. The door and glass-covered display panel showing an assortment of Carborundum Stones, are in one. Back of the door is the stock compartment for carrying stone assortment. The stock is accessible from the front of the case, making it very convenient. This Display given free to any dealer purchasing a stock of stones amounting to $41.60 list price, which includes the displayed samples as listed below.

Per Assortment.

No. 7—Assortment, with Display Cabinet and Stones as Listed.....**$55.50**
Weight Per Assortment Packed for Shipment 100 Pounds.

The following Stones are displayed on the front of this case.

	Retail Value.
1 Only No. 103 Razor Hone	$0.75
1 Only No. 200 Aloxite Razor Hone	.75
1 Only No. 109 Combination Stone	1.00
1 Only No. 111 Combination Stone	.75
1 Only No. 112 Combination Stone	.50
1 Only No. 113 Sharpening Stone (Fine)	.80
1 Only No. 124 Sharpening Stone (Fine)	.60
1 Only No. 142 Sharpening Stone (Fine)	.40
1 Only No. 145 Sharpening Stone (Fine)	.25
1 Only No. 149 Pocket Stone (Fine)	.15
1 Only No. 183 Slip Stone (Fine)	.50
1 Only No. 184 Slip Stone (Medium)	.50
1 Only No. 194 Axe Stone	.25
1 Only No. 292 Machinists' Stone (Fine)	.30
2 Only 4x⅜ Round Sticks	.80
2 Only 4x⅜ Square Sticks	.60
2 Only 4x⅜ Triangular Sticks	.75
Total Retail Value	$9.60

The following is the selling stock which we guarantee to be saleable and rapid sellers. Any unsalable numbers can be exchanged at any time.

	Each.	Retail Value.
2 Only No. 200 Aloxite Razor Hones	$0.75	$1.50
2 Only No. 103 Razor Hones	.75	1.50
2 Only No. 102 Razor Hones	.50	1.00
1 Only No. 101A Razor Hone	1.30	1 00
2 Only No. 107 Round Combination Stones	1.00	2.00
1 Only No. 108 Combination Stone	1.25	1.25
2 Only No. 109 Combination Stones	1.00	2.00
2 Only No. 110 Combination Stones	1.15	2.30
2 Only No. 111 Combination Stones	.75	1.50
2 Only No. 112 Combination Stones	.50	1.00
2 Only No. 115 Sharpening Stones (Fine)	1.00	2.00
1 Only No. 116 Sharpening Stone (Medium)	1.00	1.00
2 Only No. 118 Sharpening Stones (Fine)	.80	1.60
1 Only No. 119 Sharpening Stone (Medium)	.80	.80
2 Only No. 121 Sharpening Stones (Fine)	.75	1.50
1 Only No. 122 Sharpening Stone (Medium)	.75	.75
3 Only No. 124 Sharpening Stones (Fine)	.60	1.80
2 Only No. 125 Sharpening Stones (Medium)	.60	1.20
2 Only No. 142 Sharpening Stones (Fine)	.40	.80
1 Only No. 143 Sharpening Stone (Medium)	.40	.40
2 Only No. 145 Sharpening Stone (Fine)	.25	.50
1 Only No. 180 Slip Stone (Fine)	.60	.60
1 Only No. 181 Slip Stone (Medium)	.60	.60
2 Only No. 183 Slip Stones (Fine)	.50	1.00
2 Only No. 184 Slip Stones (Medium)	.50	1.00
2 Only No. 194 Axe Stones	.25	.50
3 Only No. 292 Machinists Stones (Fine)	.30	.90
Total Retail Value Selling Stock		$32.00

Carborundum Stones.

IN FOUR DRAWER DISPLAY CASE

The Case is an attractive Display Case for the Counter, Show Case or Shelf. It measures about 14 inches square and 7 inches high. Has 4 spacious drawers for keeping stock of Carborundum Stones. This case is given with the following assortments.

Per Case.

No. 1—Assortment Containing 26 Carborundum Stones. Weight Per Case 20 Pounds.....**$22.35**

	Retail Value.
1 Only No. 107 Round Combination Stone	$1.00
2 Only No. 108 Combination Stones	2.50
2 Only No. 109 Combination Stones	2.00
1 Only No. 111 Combination Stone	.75
1 Only No. 112 Combination Stone	.50
2 Only No. 121 Sharpening Stones, (Fine)	1.50
1 Only No. 133 Sharpening Stone, (Fine)	.90
4 Only No. 124 Sharpening Stones, (Fine)	2.40
2 Only No. 136 Sharpening Stones, (Fine)	1.00
2 Only No. 180 Slip Stones, (Fine)	1.20
1 Only No. 181 Slip Stone (Medium)	.60
2 Only No. 183 Slip Stones (Fine)	1.00
1 Only No. 184 Slip Stone (Medium)	.50
2 Only No. 193 Axe Stones	.40
2 Only No. 195 Axe Stones	.50
Total Retail Value	$16.75

Per Case.

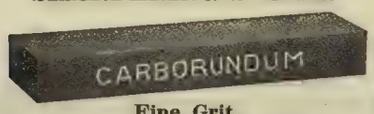
No. 2—Assortment Containing 33 Carborundum Stones. Weight Per Case 30 Pounds.....**$33.30**

	Retail Value.
2 Only No. 107 Round Combination Stones	$2 00
2 Only No. 108 Combination Stones	2.50
2 Only No. 109 Combination Stones	2.00
2 Only No. 111 Combination Stones	1.50
2 Only No. 112 Combination Stones	1.00
2 Only No. 115 Sharpening Stones, (Fine)	2.00
1 Only No. 116 Sharpening Stones, (Medium)	1.00
2 Only No. 118 Sharpening Stones (Fine)	1.00
1 Only No. 119 Sharpening Stone, (Medium)	.80
2 Only No. 121 Sharpening Stones, (Fine)	1.50
1 Only No. 122 Sharpening Stone, (Medium)	.75
2 Only No. 133 Sharpening Stones, (Fine)	1.80
1 Only No. 134 Sharpening Stone, (Medium)	.90
2 Only No. 136 Sharpening Stones, (Fine)	1.00
1 Only No. 137 Sharpening Stones, (Medium)	.50
2 Only No. 142 Sharpening Stones, (Fine)	.80
2 Only No. 180 Slip Stones (Fine)	1.20
1 Only No. 181 Slip Stone (Medium)	.60
2 Only No. 183 Slip Stones (Fine)	1.00
1 Only No. 184 Slip Stone (Medium)	.50
Total Retail Value	$24.95

One Assortment in a Box.

Carborundum Stones.

SHARPENING STONES



Fine Grit.			Each
No. 115—8x2 x1	in., Weight Each 1⅛	Lb.	$1.35
No. 118—8x2 x¾	in., Weight Each ⅞	Lb.	1.08
No. 133—7x2 x1	in., Weight Each 1	Lb.	1.20
No. 121—6x2 x1	in., Weight Each ⅞	Lb.	1.00
No. 124—6x2 x⅝	in., Weight Each ⅝	Lb.	.80
No. 136—5x2 x⅝	in., Weight Each ½	Lb.	.67
No. 142—4x1¾x½	in., Weight Each ⅜	Lb.	.54
Medium Grit.			**Each**
No. 116—8x2 x1	in., Weight Each 1⅛	Lb.	$1.35
No. 119—8x2 x¾	in., Weight Each ⅞	Lb.	1.08
No. 134—7x2 x1	in., Weight Each 1	Lb.	1.20
No. 122—6x2 x1	in., Weight Each ⅞	Lb.	1.00
No. 125—6x2 x⅝	in., Weight Each ⅝	Lb.	.80
No. 137—5x2 x⅝	in., Weight Each ½	Lb.	.67
No. 143—4x1¾x½	in., Weight Each ⅜	Lb.	.54

One in a Carton.

SLIP STONES

Fine Grit.			Each
No. 174—6 x2¼x¾	in. Tapering to ⅝	in.	$1.00
No. 177—4½x1¾x¼	in. Tapering to $\frac{1}{16}$	in.	.67
No. 180—4½x2⅛x⅝	in. Tapering to $\frac{5}{16}$	in.	.80
No. 183—4½x1¾x½	in. Tapering to $\frac{3}{16}$	in.	.67
Medium Grit.			**Each**
No. 175—6 x2¼x¾	in. Tapering to ⅝	in.	$1.00
No. 178—4½x1¾x¼	in. Tapering to $\frac{1}{16}$	in.	.67
No. 181—4½x2⅛x⅝	in. Tapering to $\frac{5}{16}$	in.	.80
No. 184—4½x1¾x½	in. Tapering to $\frac{3}{16}$	in.	.67

One in a Carton.

MACHINISTS' SPECIAL

Fine Grit.			Each
No. 292—4x1x½	in., Weight Each 2½	Oz.	$0.40

This Stone is adapted to Sharpening Lathe and Planer Tools, Milling Cutters, Reamers and Drills.

One Dozen in a Carton.

OAK WOODEN BOXES

Quartered Oak, Well Seasoned and Highly Finished.

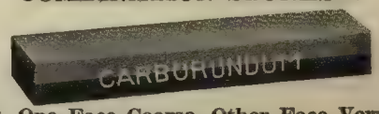
Suitable for Any Kind of Stone.	Per Dozen
No. 1—For 8x2x1 in. Stone, Weight Per Dozen About 4 Lbs.	$4.80
No. 2—For 6x2x1 in. Stone, Weight Per Dozen About 3 Lbs.	4.80
No. 4—For 7x2x1 in. Stone, Weight Per Dozen About 3½ Lbs.	4.80

CARBORUNDUM GRAINS AND POWDERS

Grain Carborundum is produced by crushing and grinding the crude crystals, treating with acids and separating by sieves into various sized grains. These are numbered the same as Emery. Nos. 6 to 220; Nos. F, FF and FFF.

	Per Pound
In 1 Lb. Tin Cans	$0.51
In 5 Lb. Tin Cans	.42

COMBINATION STONES

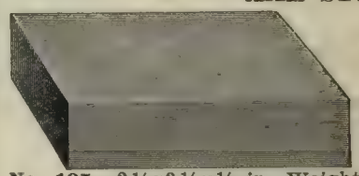


Two Grits, One Face Coarse, Other Face Very Fine.			Each
No. 108—8x2 x1	in., Weight Each 1⅛	Lb.	$1.67
No. 109—6x2 x1	in., Weight Each ⅞	Lb.	1.35
No. 110—7x2 x1	in., Weight Each ⅞	Lb.	1.54
No. 111—5x2 x¾	in., Weight Each ½	Lb.	1.00
No. 112—4x1¾x⅝	in., Weight Each ⅜	Lb.	.67

These Stones are designed especially for Carpenters and Mechanics. The Coarse Side can be used for Sharpening Dull Tools. The Fine Side for giving required Keen Cutting Edge.

One in a Carton.

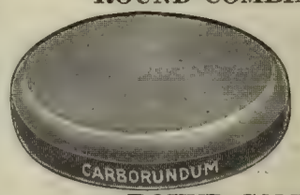
AXE STONES



Medium Grit.	Each
No. 193—2½x1½x½ in. Weight Each ¼ Lb.	$0.27
No. 194—3 x1½x½ in. Weight Each ⅜ Lb.	.34
No. 195—2½x2½x½ in., Weight Each ½ Lb.	.34

One in a Carton.

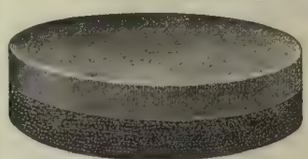
ROUND COMBINATION AXE STONE



One Side Coarse Grit and One Side Fine Grit.	Each
No. 196—3 in. Diameter, ⅝ in. Thick, Weight Each ⅜ Lb.	$0.47

One in a Carton.

ROUND COMBINATION BENCH

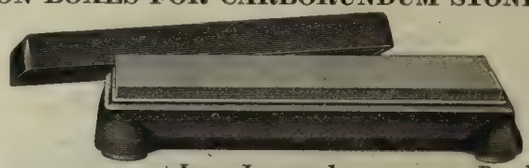


One Side Coarse Grit and One Side Very Fine Grit.	Each
No. 107—4x1 in., Weight Each ⅝ Lb., without Box	$1.35
Extra Boxes—Quartered Oak, for Above, Weight 1¼ Lbs.	.87

The Size and Shape of this Stone allows for the circular motion used by Carpenters and Mechanics in Sharpening Plane Irons or Wide Chisels.

One in a Box.

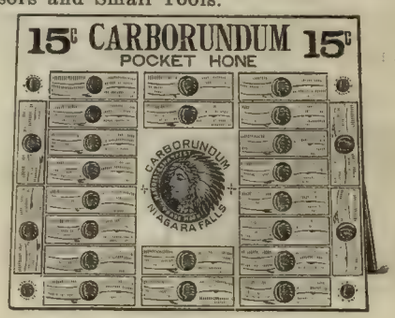
IRON BOXES FOR CARBORUNDUM STONES



Iron, Japanned.	Per Dozen
No. 10—For 8x2x1 in. Stone, Weight Per Dozen About 20 Lbs.	$8.00
No. 20—For 7x2x1 in. Stone, Weight Per Dozen About 18 Lbs.	8.00
No. 30—For 6x2x1 in. Stone, Weight Per Dozen About 16 Lbs.	8.00

POCKET HONES

Made of Finest Carborundum Powder and is of a Hardness Suitable for Sharpening Pocket Knives, Ink Scratchers, Scissors and Small Tools.



	Per Carton
No. 149—3x⅞x⅜ in. Hone, Mounted in a Very Attractive Display Box, 10x12 in., with Easel Back, Wt. Per Box 2¼ Lbs.	$4.80

Two Dozen in a Carton.

Oilstones.

LILY WHITE WASHITA

Best Selection of Washita.

	Each
No. 1-LW—8 in. Long, 2 in. Wide, ¾ to 1 in. Thick, Weight Each About 1¾ Lbs.	**$1.00**

The Lily White Washita is uniform in texture, free from foreign substance and is nicely finished. It is the most satisfactory natural grit Oilstone ever produced for Carpenters' and General Woodworkers' Tools.

One in a Box.

WASHITA

Medium Quality, 2 in. Wide, ¾ to 1 in. Thick.

Nos.	16-W	18-W
Length, Inches	5¾ to 6½	8
Weight Each About, Lbs.	1⅓	1¾
Each	$0.48	.70

This Stone is a medium priced Oilstone for general use, not as carefully graded as the Lily White.

One in a Box.

HINDOSTAN

Washita Finish (White).

	Per Pound
No. 1-H—8x2x1 to 1¼ in., Weight Each About 1½ Lbs.	**$0.17**

The Hindostan Stones are soft and fine gritted and are extremely useful for general sharpening purposes.

Twenty-five Pounds in a Box.

INDIA

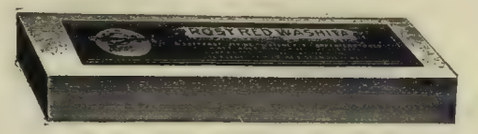
Medium Grit.

					Each
No. 0	—8	x2	x1	in., Weight Each 1½ Lbs.	**$1.40**
No. 1½	—7	x2	x1	in., Weight Each 1¼ Lbs.	**1.05**
No. 29	—6	x2	x1	in., Weight Each 1 Lb.	**.84**
No. 2	—6	x1⅝	x¾	in., Weight Each ¾ Lb.	**.70**
No. 3	—4	x1	x½	in., Weight Each ¼ Lb.	**.42**
No. 24	—4½	x1½	x⅝	in., Weight Each ⅜ Lb.	**.56**

These Stones are for ordinary sharpening of Mechanics' Tools not requiring finishing edge. Especially recommended for Tools used in working soft wood, cloth, leather and rubber.

One in a Box.

ROSY RED WASHITA



Best Selection of Washita.

	Each
No. 1-RR—8 in. Long, 2 in. Wide, ¾ to 1 in. Thick, Weight Each About 1¾ Lbs.	**$1.00**

The Rosy Red Washita has an even porous grit somewhat coarser than the Lily White and therefore is faster cutting.

HARD ARKANSAS

Pure Silica Stone, 2 in. Wide, ¾ to 1 in. Thick.

Nos.	6A	7A	8A
Length, Inches	6	7	8
Weight Each About, Lbs.	1	1¼	1½
Each	$4.70	5.70	6.70

This Stone is composed of Pure Silica and its sharpening qualities are due to small sharp pointed grains or crystals, hexagonal in shape which are much harder than steel and will therefore cut away and sharpen Steel Tools. The extreme fineness of texture makes the Arkansas of necessity a slow cutter, but in the very density of its crystals of which it is composed lies its virtue as a perfect sharpener.

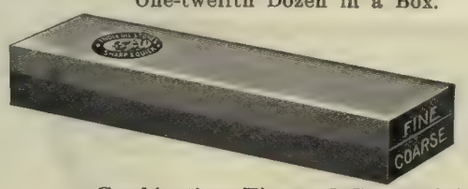
One in a Box.

EMERY

Turkish Emery, Combination of Coarse and Fine Grit.

	Per Dozen
No. 1-E—7x2x1 in., Weight Per Dozen About 15 Lbs.	**$5.00**
No. 2-E—6x2x¾ in., Weight Per Dozen About 18 Lbs.	**4.45**

One-twelfth Dozen in a Box.

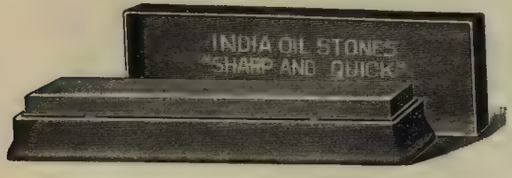


Combination, Fine and Coarse Grit.

					Each
No. 00	—8	x2	x1	in., Weight Each 1½ Lbs.	**$1.75**
No. 01½	—7	x2	x1	in., Weight Each 1¼ Lbs.	**1.40**
No. 029	—6	x2	x1	in., Weight Each 1 Lb.	**1.05**
No. 02	—6	x1⅝	x¾	in., Weight Each ¾ Lb.	**.84**

The Coarse Side is used for grinding very dull or badly nicked Tools and the Fine Side for putting on a finishing edge.

One in a Box.



Iron Boxes.

FOR INDIA OIL STONES

Iron, Japanned, Felt Lined, Four Cork Feet.

	Each
No. 0B —For 8x2x1 in. Stone, Weight Each 2¼ Lbs.	**$0.70**
No. 1½B—For 7x2x1 in. Stone, Weight Each 2 Lbs.	**.70**
No. 29B —For 6x2x1 in. Stone, Weight Each 1¾ Lbs.	**.70**

Open Stock.

Mounted Oil Stones.

WASHITA

Medium Quality Washita Stone, Mounted in Nicely Finished Hardwood Box. Per Dozen

No. 3M—7x2 in. Stone, Weight Per Dozen About 15 Lbs. **$15.00**

No. 4M—8x2 in. Stone, Weight Per Dozen About 19½ Lbs. **16.65**

The use of Wood Boxes is recommended on account of their keeping the Stones clean and oil moistened.

Open Stock.

REVERSIBLE

One Mounting, Two Stones, One Coarse India and One Lily White Washita, Hardwood Covers, Aluminum Center or Containing Frame, Brass Catches, Felt Pads.

Each

No. 15—Two 7x2x⅝ in. Stones, Weight Each About 2½ Lbs. **$2.90**

The releasing catch opens the Box bringing the desired stone into position; the releasing of another catch brings the second stone into position, at the same time securing the other. The mounting insures the proper care of the two stones, keeping them out of dirt and dust and properly oil moistened by a felt pad in each cover.

Open Stock.

Axe Stones.

WASHITA, Medium Quailty, Square Shape. Per Dozen

No. 1WA—2x2x1 in., Weight Per Dozen About 3 Lbs. . **$1.00**

Open Stock.

MARSHALL, Square Shape. Per Dozen

No. 1MA—2x2x½ in., Weight Per Dozen About 3 Lbs. . **$0.80**

Two Dozen in a Pasteboard Box.

CHOCOLATE, Rectangular Shape. Per Dozen

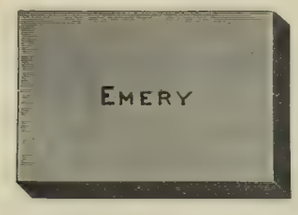
No. 1CA—3x1¼x½ in., Weight Per Dozen About 3 Lbs. **$0.80**

Two Dozen in a Pasteboard Box.

INDIA, Medium Grit, Rectangular Shape. Per Dozen

No. 6—3x1½x½ in., Weight Per Dozen About 3 Lbs. . **$4.00**

One in a Carton.



TURKISH EMERY, Rectangular Shape. Per Dozen

No. 3EA—3 x2 x⅝ in., Wt. Per Dozen About 4 Lbs. **$2.40**

No. 4EA—2½x1¾x½ in., Wt. Per Dozen About 3 Lbs. **1.60**

One Dozen in a Pasteboard Box.

HINDOSTAN, Rectangular Shape. Per Pound

No. 1HA—3x2x½ to 1 in., Weight Per Dozen About 4½ Lbs. **$0.16**

Open Stock.

Mounted Kitchen Stones.

Selected Sharp Gritted Sandstone, Mounted in Wooden Box, without Cover. Per Dozen

No. 50—8½x1½ in., Weight Per Dozen About 12 Lbs. **$1.70**

Very useful around the kitchen for sharpening kitchen knives and scouring sinks, kettles, etc. Also the proper grit for sharpening shoemaker knives.

One Dozen in a Box.

Oil Slips.

HARD ARKANSAS

Pure Silica, Round Edge.

Nos.	3AR	4AR	5AR
Size	3	4	5
Length, Inches	2¾ to 3½	3¾ to 4½	4¾ to 5½
Width, Inches	1¾ to 2	1¾ to 2	1¾ to 2
Thickness, Inches	¼-⅜x⅛-⅛	⅜-½x⅛-⅛	⅜-½x⅛ to ¼
Each	$1.00	1.35	2.00

Nos.	3AS	4AS	5AS
Size	3	4	5.
Length, Inches	2¾ to 3½	3¾ to 4½	4¾ & 5½
Width, Inches	1¼ to 1½	1¼ to 1½	1¼ to 1½
Thickness, Inches	¼ to ⅜x⅛	¼-⅜x⅛	¼-⅜x⅛
Each	$0.70	1.00	1.35

One in a Box.

LILY WHITE

Best Selection of Washita, Round Edge, 1¾ to 2 in. Wide, ⅜ to ½ in. by ⅛ to ¼ in. Thick.

Nos.	3/LW	4/LW	5/LW
Size	3	4	5
Inches	2¾ to 3½	3¾ to 4½	4¾ to 5½
Each	$0.27	.34	.48

Weight Per Dozen About 3 Pounds.
For sharpening Gouges, Channel Knives, Bead Planers, Moulder Knives and all curved cutting edges.
One Dozen in a Box.

INDIA

Medium Grit, Round Edge.

Nos.	13	14
Inches	4½x1¾x½x⅛	4½x1¾x⅜x⅛
Each	$0.50	.50

Weight Per Dozen About 2½ Pounds.
These Slips are for sharpening Dies, Moulder Knives, Bead Planers, Channel Knives, Gouges, Auger Bits, Instrument Makers' Tools and all Curved Cutting Edges.
One in a Box.

WASHITA

No. 1—Medium Quality, Round Edge, 1¾ to 2 in. Wide, ⅜ to ½ in. by ⅛ to ¼ in. Thick.

Nos.	3/W	4/W	5/W
Size	3	4	5
Inches	2¾ to 3½	3¾ to 4½	4¾ to 5½
Each	$0.20	.27	.34

Used for Gouges, Channel Knives, Bead Planers, Moulder Knives and all curved cutting edges.

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

ROSY RED

Selected Washita, Round Edge, 1¾ to 2 in. Wide, ⅜ to ½ in. by ⅛ to ¼ in. Thick.

Nos.	3/RR	4/RR	5/RR
Size	3	4	5
Inches	2¾ to 3½	3¾ to 4½	4¾ to 5½
Each	$0.27	.34	.48

Weight Per Dozen About 3 Pounds.

The Rosy Red Slip has an even porous grit somewhat coarser than the Lily White and therefore is faster cutting.

One Dozen in a Box.

HINDOSTAN

Washita Finish, Round Edge.

Per Pound

No. 1HS—4 in. Long, 1½ to 2 in. Wide, ½ to ¾ by ⅛ to ¼ in. Thick.....$0.29

Weight Per Dozen About 3 Pounds.

This is a soft and fine gritted stone and is extremely useful for general sharpening purpose.

Five Pounds in a Box.

EMERY

Turkish Emery, Medium Grit, Round Edge.

Per Dozen

No. 4—4½x1¾x⅜x⅛ in. $2.45

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Pike Oil.

2 oz. Bottle.

Perfectly Pure, Acidless and Non-Drying.

Per Dozen

No. 2—2 Oz. Bottles, Weight Per Dozen About 4 Lbs.....$1.70
No. 6—6 Oz. Bottles, with Metal Cap, Weight Per Dozen About 10 Lbs..... 4.45

Used for cleaning and polishing all kinds of wood and metal surfaces.

Can be recommended with greatest safety for all purposes where a thin pure oil is required as a lubricant and rust preventive.

No. 2, One Dozen; No. 6, One-half Dozen in a Display Box.

6 oz. Bottle.

Mounted Grindstones.

STERLING, BALL BEARING

Tubular Steel Frame, Vermilion Enameled, Double Treadle, Bicycle Movement, Malleable Iron Fixtures, Patent Detachable Shaft, Easy Seat, Clothes Protector with Genuine Berea Stone. Each

No. 25—Height of Frame to Seat 30 in., Length Over All 34 in., Genuine Berea Stone, 19 to 22 in. Diameter, 1¾ to 2¼ in. Thick, Weight Each 50 to 60 Lbs.....**$8.00**

Weight Each Knocked Down and Crated 100 Pounds. One in a Crate.

BI-TREADLE, BALL BEARING

Black Painted Steel Frame, Riveted and Braced, Duplex Treadles, Bicycle Movement, Malleable Iron Fixtures, Patent Detachable Shaft, Easy Seat, Clothes Protector, with Genuine Berea Stone. Each

No. 12—Height of Frame to Seat 28 in., Length of Frame 28 in., Genuine Berea Stone 19 to 22 in. in Diameter, 1¾ to 2¼ in. Thick, Weight Each 50 to 60 Lbs.....**$7.35**

Weight Each, Knocked Down and Crated 100 Pounds. One in a Crate.

ANGLE STEEL FRAME

¾ in. Angle Steel with ¾ in. No. 12 Side Braces, Painted Black, Double Treadle, Malleable Iron Detachable Fixtures and Ball Bearing Journals, Wood Seat, Clothes Protector, with Stone. Each

No. 115—Height of Frame 27 in., Spread at Base 26 in., with Stone 18 to 20 in. Diameter, 1¾ to 2 in. Thick.....**$5.25**

Weight Each Knocked Down and Crated 95 Pounds. One in a Crate.

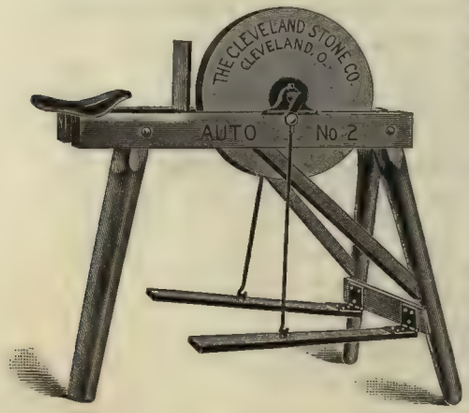
SAMSON, PLAIN BEARING

Seasoned Hardwood Frame, Painted, Securely Braced and Bolted, Two Bolts at End Pass Through the Entire Frame from Side to Side, Malleable Iron Fixtures, Patent Detachable Shafts, Selected Berea Stone.

Nos.	1	2	3
Weight of Stone, In.....	100 to 110	70 to 80	40 to 50
Usual Thickness, Inches..	1¾ to 2¼	1¾ to 2¼	1¾ to 2¼
Height Frame, Inches.....	23½	23½	23½
Length Frame, Inches....	44	37	33
Ap. Weight K. D., Lbs....	150	100	75
Each	**$6.90**	**6.45**	**6.00**

One in a Bundle; Stone Loose.

AUTO, BALL BEARING



No. 20.

AUTO, BALL BEARING

Seasoned Hardwood Frame, Extra Heavy, Bicycle Movement, Malleable Iron Fixtures, Patent Detachable Shaft, Comfortable Stamped Steel Seat, Clothes Protector, with Genuine Berea Stone. Each

No. 20—Height of Frame 30 in., Length 44 in., Genuine Berea Stone, 1¾ to 2¼ in. Thick, Weight Each 70 to 80 Lbs....**$7.50**

Weight Each Knocked Down 110 Pounds. One in a Bundle, Stone Loose.

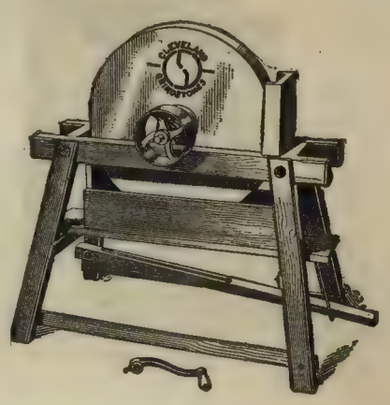
FARMER'S SPECIAL

Selected Hardwood Frame, Extra Heavy Sides and Legs, Oiled and Varnished, Patent Detachable Fixtures, Steel Shaft, Hardened Steel Annular Ball Bearings, with **Ball Bearing Foot Treadle, Hand Crank and 6 in. Pulley for Power.** Each

No. 600—Height of Frame 25 in., Length 39 in., Genuine Berea Stone, 24 to 26 in. Diameter, 2 to 3 in. Thick, Weight Complete About 175 Lbs.....**$16.15**

Frame Knocked Down, Stone Crated.

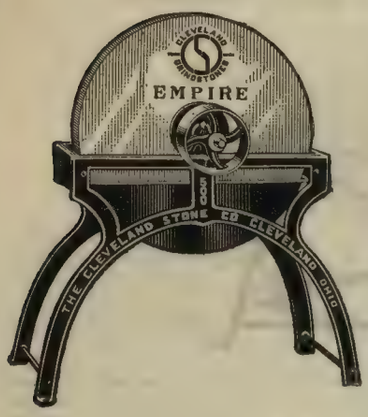
FARMER'S SPECIAL



No. 600.

Mounted Grindstones.

EMPIRE



No. 50E.

EMPIRE, BALL BEARING

Cast Iron Frame and Trough, Green Painted, Patent Detachable Fixtures, Steel Shaft, Hardened Steel Annular Ball Bearing, **with 6 in. Pulley and Crank.**

Each

No. 50E—Height of Frame 23 in., Length 32½ in., with Genuine Berea Stone, 24 in. Diameter, 2 to 3½ in. Thick.....**$22.25**
Weight Complete About 225 Pounds.
One in a Crate, Set Up.

LITTLE GIANT, BALL BEARING

Cast Iron Frame and Trough, Green Painted, Securely Bolted Legs, Adjustable Tool Rest, Patent Detachable Fixtures, Steel Shaft, Hardened Steel Ball Bearings, **with 6 in. Pulley for Power Use, Heavy Steel Treadle and Crank.**

Each

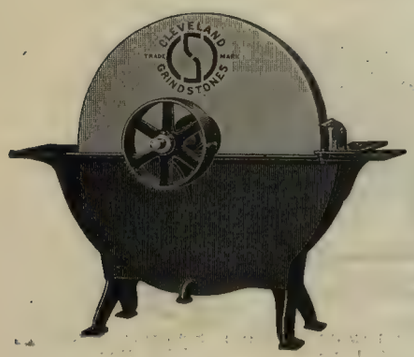
No. 400G—Height of Frame 24 in., Length 32 in., with Genuine Berea Stone, 24 in. Diameter, 3½ to 4 in. Thick.....**$26.65**
Weight Complete About 225 Pounds.
One in a Crate, Set Up.

LITTLE GIANT

No. 400G.

Iron Frame Power Grindstones.

KEYSTONE



No. 508K to 302K.

One Piece Cast Iron Trough, Cast Iron Legs, Securely Fastened with Two Wrought Iron Bolts, Adjustable Tool Rest with Drop Pan, Patent Detachable Fixtures. With 12 in. Diameter, 4 in. Face Pulley.

Nos.	Diam. of Stone, In.	Thickness of Stone, In.	Size of Shaft at Bearings, In.	Price Complete with Stone	Price of Frame with Shaft, Pulley and Tool Rest	Price of Frame Only without Shaft, Bearing or Tool Rest
508K	50	7½ to 8	1¾	**$124.80**		
506K	50	5½ to 6	1¾	**109.20**		
488K	48	7½ to 8	1¾	**117.00**	**No. 100K**	
486K	48	5½ to 6	1½	**106.10**	**$81.20**	**$54.60**
485K	48	4½ to 5	1½	**103.00**		
466K	46	5½ to 6	1½	**104.50**		
465K	46	4½ to 5	1½	**101.40**		
406K	40	5½ to 6	1½	**79.60**		
405K	40	4½ to 5	1¼	**76.50**		
386K	38	5½ to 6	1¼	**78.00**	**No. 200K**	
385K	38	4½ to 5	1¼	**74.90**	**$60.85**	**$43.70**
366K	36	5½ to 6	1¼	**76.50**		
365K	36	4½ to 5	1¼	**73.40**		
364K	36	4 to 4½	1¼	**71.80**		
305K	30	4½	1	**60.85**	**No. 300K**	
304K	30	4	1	**59.30**	**$51.50**	**$32.80**
303K	30	3½	1	**57.75**		
302K	30	3	1	**57.00**		

Shipping Weight No. 100K Frame and Fixture, 700 Lbs.; No. 200K, 450 Lbs.; No. 300K, 250 Lbs.

Can substitute any required size Pulley at additional cost.

Loose Grindstones. **Prices on Application.**

LAKE HURON

	Per Ton
Stones Weighing 40 Lbs. and Less	$.....
Stones Weighing 40 Lbs. to 200 Lbs	.....
Stones Weighing 200 Lbs. and Over	.....

APPROXIMATE WEIGHTS OF STONES

Diameter, Inches	18	20	22	24	26	28	30	32	34	36
1½ in. Thick	30	40	45	60	70	82	95	108	120	136
1¾ in. Thick	35	45	50	70	83	96	110	120	142	160
2 in. Thick	40	55	60	80	95	110	126	143	162	180
2¼ in. Thick	50	60	70	90	105	125	140	160	182	200
2½ in. Thick	60	70	80	100	118	140	157	179	202	226
2¾ in. Thick	...	80	90	110	130	150	173	197	222	250
3 in. Thick	...	...	100	120	145	165	190	215	243	275
3½ in. Thick	...	...	...	140	165	195	220	250	283	320
4 in. Thick	...	...	...	160	190	220	252	287	323	365

Estimate Weight of Larger Stones on Basis of 155 Lbs. Per Cubic Foot.

Wo do not carry in stock Stones weighing more than 150 Pounds each, but ship direct either from Chicago Yards or Quarry near Cleveland.

Family Grindstones.

Ball Bearing, Extra Heavy Cast Iron Trough, Pressed Steel Base, Malleable Iron Fixtures, Red and Black Japanned, Selected Berea Grindstone.

No. 10—Mounted.

Inches	7	8	9	10	11	12
Ap. Wt. Per Dozen, Lbs.	120	150	180	210	240	270
Per Dozen	$20.25	23.10	26.00	28.90	31.75	34.65

One-quarter Dozen in a Box, Knocked Down.

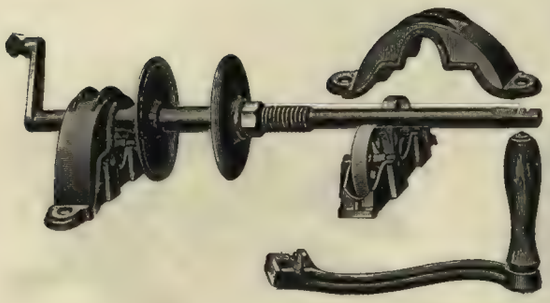
No. 15—Berea Stone Only, NOT MOUNTED.

Inches	8	9	10	11	12
Ap. Weight Per Dozen, Lbs.	54	72	96	126	138
Per Dozen	$12.25	12.80	13.90	16.65	19.45

One Dozen in a Crate.

Grindstone Fixtures.

COMMON



No. 1—Japanned Iron, Incased Rollers.

Inches	15	17	19	21	24	28
Ap. Wt. Per Dozen, Lbs.	72	76	82	90	104	125
Per Dozen	$6.10	6.45	7.25	10.00	12.25	16.65

One-half Dozen in a Box.

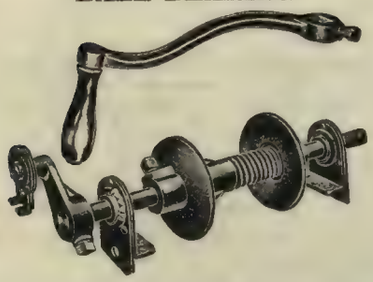
Repairs for No. 1 Grindstone Fixtures.

For Fixtures, Inches	15	17	19	21	24
Cranks .....Per Dozen,	$1.35	1.35	1.35	1.35	1.35
Flanges .....Per Dozen,	.80	.80	.80	.80	.80
Shafts .....Per Dozen,	2.80	2.80	3.60	4.00	6.10

Approximate Weight Per Dozen: Cranks, 6 Lbs.; Flanges, 4 Lbs.; Shafts, 20 Lbs.

Open Stock.

BALL BEARING



Ball Bearing Journals, Japanned Iron.

	Per Dozen
No. 330—8¾ in. Axle, Suitable for Stones 2 to 3 in. Thick, can be Applied to All Ordinary Frames, Weight Per Dozen Sets About 85 Lbs.	$16.65

One Dozen Sets in a Box.

GIANT

Extra Heavy, Japanned Iron.

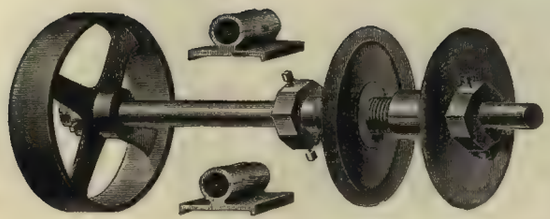
	Per Dozen
No. 2—17 in. Axle, Weight Per Dozen About 108 Lbs.	$11.10

This Fixture will hang a Stone true and fast to its shaft by means of set screws. No blocking, wedging or cementing is necessary. One-half Dozen in a Crate.

	Per Dozen
Extra Cranks—For Giant Grindstone Fixtures, Weight Per Dozen 6 Lbs.	$1.70
Extra Shafts—For Giant Grindstone Fixtures, Weight Per Dozen About 54 Lbs.	$3.35

Open Stock.

Grindstone Arbors for Power.



Made of Steel, with Bearings Boxed Out for Babbitt. Neatly Finished.

	Each
No. 64—Shaft 1¼ in. Diameter, 2 ft. 4 in. Long, with 12 in. Pulley, Will Hang Stone 3 ft. Diameter, 3 to 6 in. Thick.	$25.55
No. 65—Shaft 1 in. Diameter, 2 ft. 4 in. Long, with 12 in. Pulley, Will Hang Stone 2 ft. 6 in. Diameter, 2 to 5 in. Thick..	23.35

The advantage of this fixture is the ease with which it is put into the Stone and adjusted so as to make the Stone run true. By its use customers can return the hub when stone is worn out and receive a new stone from the quarry absolutely ready for use, thus avoiding all dust, dirt and laborious work of hanging and truing a Grindstone.

Grinding Machines.

EVERKEEN J.P.H.CO. TRADE MARK

Nos. 140 to 155.

Oxidized Copper Finish Iron Frame and Case Nickel Plated Trimmings, Malleable Iron Parts, Enclosed Cut Gears, Nickel Plated Tool and Scissor Guide,

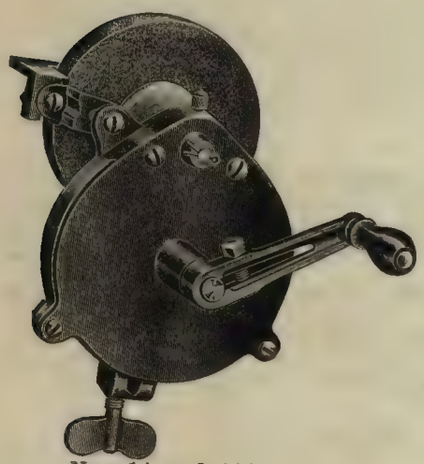
WITH CORUNDUM WHEEL.

Nos.	140	145	150	155
Sizes of Wheel, Inches	4x¾	5x1	6x1	7x1
Diameter Gear Case, Inches	4½	6	7	9
Diameter Cut Gear, Inches	3½	5	6	8
Height Over All, Inches	7	8½	10½	15
Approx. Weight Each, Boxed, Lbs.	5	10	13	15
Each	$2.75	4.15	5.50	7.15

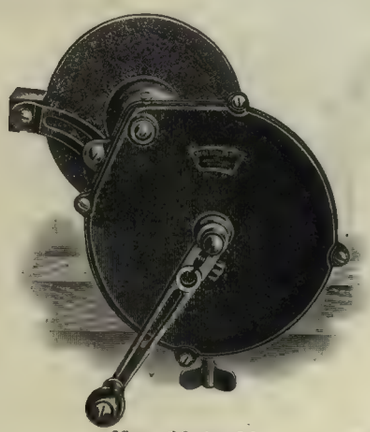
These Grinders are intended for family and mechanics' use. Wheel can be turned to right or left making the machine adaptable for a left handed person.

One in a Box.

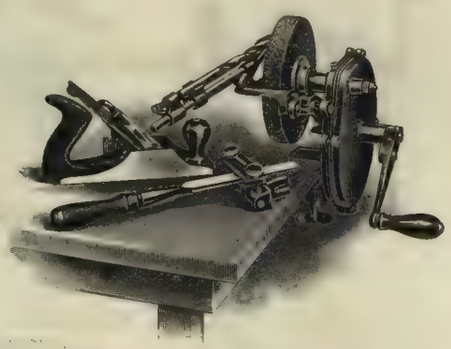
PRITZLAFF SPECIAL



Nos. 1A and 11A.



Nos. 10 to 30.



No. 30A.

Black High Lustre Finish Iron Dustproof Case, Malleable Iron Parts, Enclosed Solid Steel Cut Gears, Malleable Iron Handle and Clamp, WITH CORUNDUM WHEEL.

Nos.	1A	11A
Size of Wheel, Inches	4x¾	5x1
Diameter of Gear Case, Inches	5	6
Approx. Weight Each, Lbs.	4½	7
Each	$2.80	4.70

Nos. 1A and 11A are popular priced grinders. Have one piece bearing, both ends of grinding wheel shaft run in the same casting which is reamed out in one operation. The clamp prongs are fitted with positive grip lugs.

One in a Box.

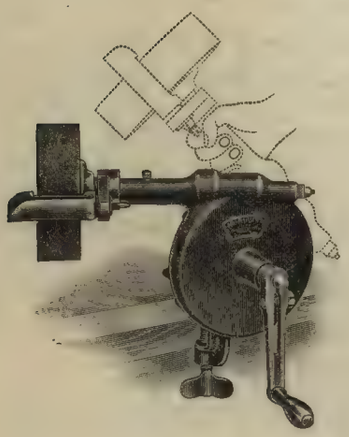
Black High Lustre, Japan Finish, Iron Oil Tight Case, Malleable Iron Parts, Enclosed Special Cut Gears, Nickel Plated Tool Rest and Flanges, WITH CORUNDUM WHEEL.

Nos.	10	15	20	30	30A
Size of Wheel, Inches	4x¾	5x1	6x1	7x1	7x1
Diam. of Gear Case, In.	5	6	6	10	10
Ap. Wt. Each, Boxed Lbs.	4½	7	10	17½	20½
Each	$3.90	5.50	7.60	10.50	12.25

The No. 30A is furnished with Chisel Grinding and Twist Drill Grinding Attachment.

The Pritzlaff Special Grinders have an Oil Tight Case. The Gearing runs continually in a bath of oil. The Halves of the case (which are grooved on the inside of the rim) are accurately trued and carefully fitted together and a special seating fluid is inserted in the groove. This process of fitting makes them absolutely Oil Tight.

One in a Box.



PRITZLAFF SPECIAL

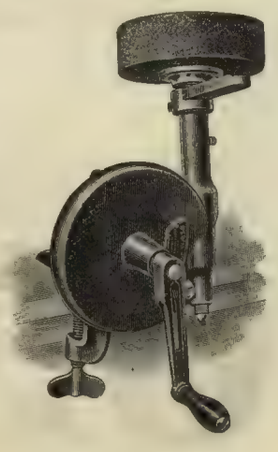
Black High Lustre Finish Japanned Iron, Malleable Iron Parts, Enclosed Cut Gears, Nickel Plated Tool Rest, Flanges and Ends of Pinions, with Corundum Wheel.

Each

No. 106—5x1½ in. Wheel, 6 in. Diameter Gear Case, Net Weight Each About 10½ Lbs. **$8.35**

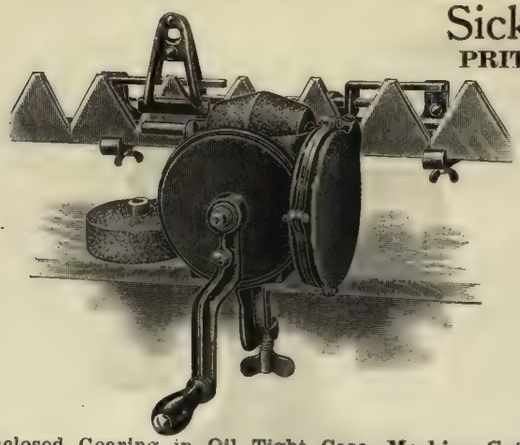
The No. 106 is an Ideal Grinder for Butchers, Cabinet Makers, Harness Makers, etc. By a one-hand lift the Grinder can be swung into proper position for sharpening Meat Chopper Blades, Clipper Blades or Tools of any kind having a broad surface. When Grinder is needed for regular work, the same easy pull brings the barrel rack to a horizontal position. No bolts to loosen, no screws to turn, No wrench necessary.

One in a Box.



Sickle Grinders.

PRITZLAFF SPECIAL

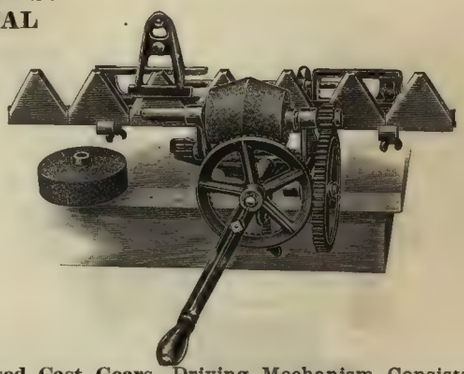


Enclosed Gearing in Oil Tight Case, **Machine Cut Main Drive Gears,** Best Grade Malleable Iron Castings, Heavily Ribbed Wearing Parts. Equipped with Regulation Sickle Holding Attachment Capable of Holding Any Make of Sickle. **Fitted with Genuine Corundum Sickle Cone and One Flat Face Tool Wheel.** Each

No. 26—With 4x1¼ in. Flat Face Wheel and Sickle Cone, Net Weight Each 21 Lbs. **$7.45**

The machine can be used in the field by clamping to mower wheel or in the workshop clamped to a table or bench. Work constantly under the control of the operator.

One in a Box.



Exposed Cast Gears, Driving Mechanism Consists of One Bevel and Two Spur Gears, Best Grade Malleable Iron Castings, Extra Heavy Wearing Parts. Equipped with Regulation Sickle Holding Attachment. Capable of Holding Any Sickle, **Fitted with Genuine Corundum Sickle Cone and One Flat Face Tool Wheel.** Each

No. 27—With 4x1¼ in. Flat Face Wheel and Sickle Cone, Net Weight Each 18 Lbs. **$5.60**

This Grinder can be used in field by clamping to mower wheel or in the workshop clamped to a table or bench.

One in a Box.

No. 110.

Emery Grinders.

SUCCESS FOOT POWER

Upright Standard, Made of ¾ in. Tubing, Very Solid and Strong, Substantial Rest, Roller Ratchet Movement, Frame Fastens to Floor and Wall, with High Grade Emery Wheel, Machine Runs Easily 3000 Revolutions per Minute.

Without Drill Attachment. Each

No. 110—4 ft. High Frame, with 8x1¼ in. Emery Wheel, Weight Each About 25 Lbs. **$11.70**

With Drill Attachment. Each

No. 120—4 ft. High Frame, with 8x1¼ in. Emery Wheel, Weight Each About 30 Lbs. **$17.80**

Drill Attachment Only. Each

No. 130—For No. 110 Emery Grinders **$6.70**

This Success Emery Grinder has no belt to slip, loosen or break, neither has it lead teeth to wear out or bind.

The movement of the foot operates a roller ratchet, which sends the emery wheel spinning easily at 3000 revolutions per minute.

It is just the thing for Automobile shops, Blacksmiths, Jewelers, Carpenters, Butchers, Harness Makers, Wagon Makers, Mechanics, Farmers and Miners.

One in a Crate.

No. 120.

Foot Power Grinders.

Tubular Iron Frame, Substantially Constructed, Shaft Drive. High Geared, Cut Gears, Enclosed in Cast Iron Casing, Height of Frame 36 in., Height of Seat 30 in., Length of Base 30 in., Width of Base 24 in. Each

No. 50—Fitted with Tool Rest and Two 5x1 in. High Quality Tool Grinding Wheels, Suitable for Grinding All Kinds of Tools, Hatchets, Scissors and Knives, Etc., Weight Each About 50 Lbs. **$11.75**

No. 51—For Farm Grinding, Fitted with Tool Rest, and Clamp for Holding Mower Knife, One 5x1 in. Tool Grinding Wheel and One Cone Wheel for Grinding Mower Knife, Weight Each About 50 Lbs. **11.75**

One in a Crate.

No. 51.

PERFECTION BI-PEDAL

Enclosed Machine Cut Gears, Cast Iron Case, Baked Black Enamel Finish, Fitted with Oil Cups, Steel Frame, Pressed Steel Seat, Fitted with Pure Corundum Wheel. Each

No. 6—40 in. High Over All, with 7x1 in. Pure Corundum Wheel, Weight Each Crated About 60 Lbs. **$19.00**

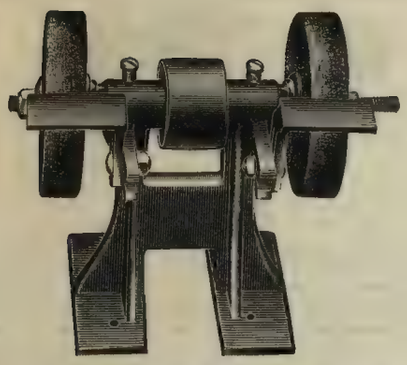
The Bi-Pedal Perfection Grinder is absolutely dust-proof. It can be propelled either with one or two feet, making it convenient for a Bi-Pedal or to take the place of a Foot Power Machine.

One in a Crate.

No. 6 Perfection.

Grinding Machines.

PERFECTION BELT DRIVE

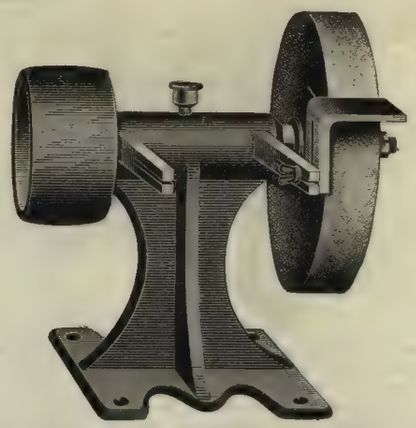


For Gasoline Engine and Other Power.

Is Operated by Belt Either Direct from Gasoline Engine, Other Power or from Line Shaft. All Bearings are Capped and Babbitted. Has Brass Oil Cups, Convenient Adjustable Tool Rest, Etc. Fitted with Two Corundum Wheels, One Coarse and One Fine.

	Each
No. 8P—Frame 8 in. High, Arbor 13 in. Long, Pulleys 3x2 in., with 7x1 in. Wheels, Net Weight 26 Lbs., Weight Each Boxed 38 Lbs.	**$12.25**

One in a Box.



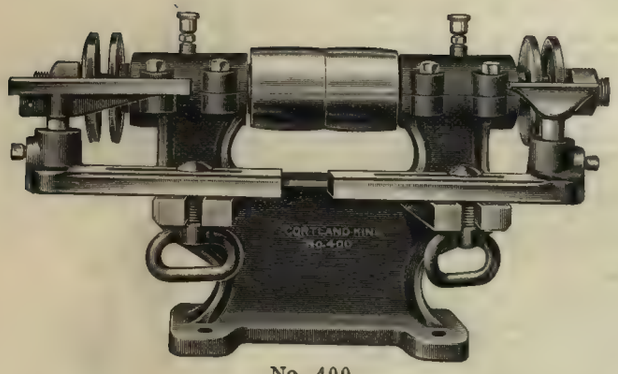
Designed for Gasoline Engines.

Carries One Wheel at a Time, Made in This Way so the Belt can be Slipped Off Easily without Unlacing and can be Instantly Attached. Has Long Bearings, Bronze at Pulley End. Fitted with One Grinding Wheel.

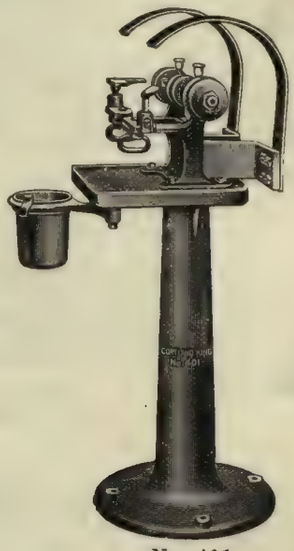
	Each
No. 10C—Frame 7 in. High, Pulley 3x2 in., with 6x1 in. Grinding Wheel, Net Weight 16 Lbs., Weight Boxed About 25 Lbs.	**$9.75**

One in a Box.

CORTLAND KING



No. 400.



No. 401.

Substantially, Accurately and Thoroughly Built from the Best Materials, Carefully Finished in Slate Gray Mineral Paint.

Equipped with Adjustable Boxes, Babbitted Bearings, Brass Oil Cups, Adjustable Tool Rests, Tight and Loose Pulleys.

Without Grinding Wheel.

Nos.	400	500
Distance Between Wheels, Inches	12	15
Length of Bearing, Inches	3	4
Length of Arbor, Inches	18 ½	23
Diam. of Arbor in Bearings, Inches	⅞	1⅛
Diam. of Arbor Between Flanges, In.	¾	1
Size of Tight and Loose Pulley, In.	2¾x2½	3½x2⅝
Will Carry Two Wheels, Inches	10x1½	12x2
Approx. Weight Each, Lbs.	26	55
Each	$14.15	17.70

One in a Crate.

Equipped with Babbitted Bearings, Brass Oil Cups, Two Adjustable Rests, Tool Shelf, Water Pot, Hot Rolled Steel Wheel Guards, Tight and Loose Pulleys.

Without Grinding Wheel.

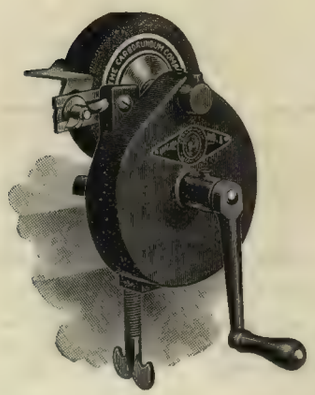
No.	401
Height from Base to Center of Arbor, Inches	7¼
Distance Between Wheels, Inches	12
Length of Bearing, Inches	3
Length of Arbor, Inches	18½
Diameter of Arbor in Bearings, Inches	⅞
Diameter of Arbor Between Flanges, Inches	¾
Size of Pulleys, Inches	2¾x2½
Size of Wheel Guard, Inches	⅜x3
Height of Column, Inches	29
Diameter of Column Base, Inches	16
Weight of Column, Lbs	70
Size of Tool Shelf, Inches	12x14
Approx. Weight Complete, Lbs	145
Each	$36.75

One in a Crate.

Tool Grinders.

CARBORUNDUM NIAGARA

Gray Iron Gear Case, Accurately Fitted Oil-Tight, Cut Gears, Malleable Iron Handle and Thumb Screw Clamp, Small Parts Nickel Plated, Fitted with Carborundum Wheel.



No. 1.

Each

No. 1C—Equipped with 4x1 in. Fine Grit Carborundum Wheel, 1 in. Arbor Hole, and Adjustable Tool Rest, Weight Each Packed About 8 Lbs.....**$3.90**

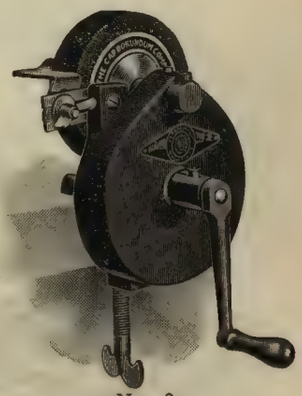
This is an Ideal Machine for Household Use, Hotels, Clubs, Butcher Shops, etc. A powerful compact machine, smooth running and dust-proof.

Each

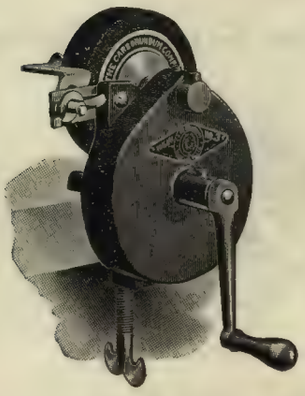
No. 2C—Equipped with 5x1 in. Medium Grit Carborundum Wheel, 1 in. Arbor Hole and Adjustable Tool Rest, Weight Each Packed About 9 Lbs.....**$5.45**

This Machine is larger and therefore can be used in heavier work in Woodworking and Repair Shops.

One in a Box.



No. 2.

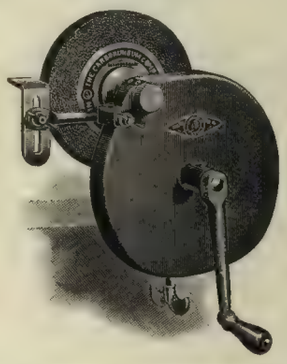


Each

No. 3C—Fitted with 6x1 in. Medium Grit Carborundum Wheel, 1⅛ in. Arbor Hole, and Adjustable Tool Rest, Weight Each Packed About 13½ Lbs. **$6.90**

This Grinder is suited for general shop work.

One in a Box.

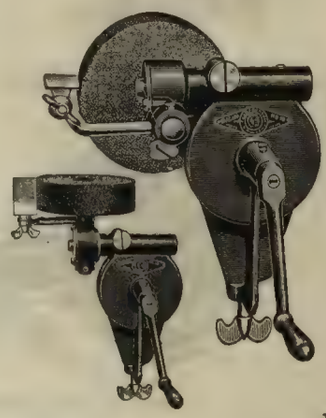


Each

No. 4C—Fitted with 7½x1¼ in. Carborundum Wheel, 1½ in. Arbor Hole, and Adjustable Tool Rest, Weight Each Packed About 21½ Lbs...**$10.55**

This Grinder is built for General machine shop work, woodworking plants, garages and places where power-driven grinders are not available.

One in a Box.



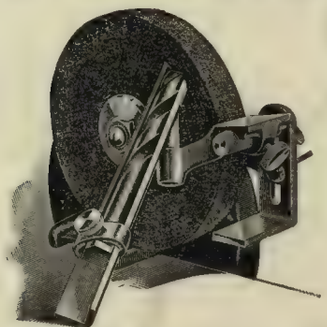
Each

No. 10C—Fitted with 5x1½ in. Carborundum Wheel and Adjustable Tool Rest, Weight Each About 15 Lbs.....**$9.45**

The Shaft on this Grinder can be reversed so as to run horizontally or vertically. The machine is handy for household, hotel and small shop use and for grinding meat chopper blades and clipper blades.

One in a Box.

TWIST DRILL ATTACHMENT



Malleable Iron, Nickel Plated, for Carborundum Niagara Grinders.

Each

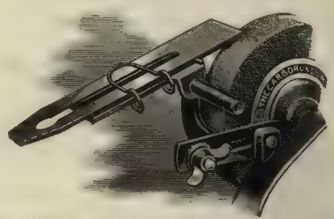
No. 23—Attachment Built Expressly for Nos. 3 and 4 Niagara Grinders.....**$2.80**

The attachment is mechanically simple and with it a wide range of Drills can be pointed.

Weight Each About 2 Pounds.

One in a Box.

GRINDING GUIDE



For Carborundum Niagara Grinders.

Each

No. 19—Flat Steel Base or Plate, Nickel Plated, for Nos. 1, 2, 3 and 4 Grinders.....**$0.70**

The Guide slides back and forth on a guide rod or support. The plane-bit or chisel is securely held to the base or plate of the device by means of a strong clip or spring. There is no chance for the Tool to slip as it is always held in position desired by operator. The Tool can be tilted to any desired angle to get the required bevel.

Weight Each About 1 Pound.

One in a Box.

FOOT POWER ATTACHMENT

Nos. 20 and 21.

FOOT POWER ATTACHMENT

Adjustable, for Carborundum Niagara Grinders.

Each

No. 20—Malleable Iron, for No. 3 Grinder.....**$2.10**

No. 21—Malleable Iron, for No. 4 Grinder..... **2.10**

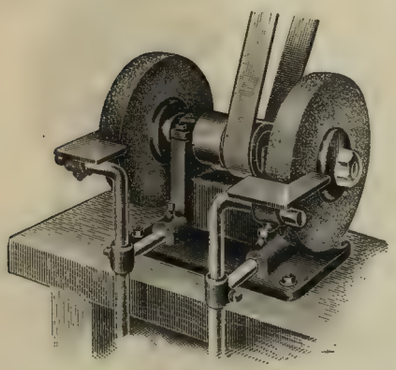
Weight Each About 3 Pounds.

Can be readily adjusted to several heights.

One in a Box.

Grinder Head.

CARBORUNDUM NIAGARA



Best Grade Gray Iron Main Casting, Best Quality Crucible Steel Shaft, Adjustable Genuine Babbitt Lined Bearings, Furnished with Two Carborundum Wheels, One Fine and Coarse Grit.

Each

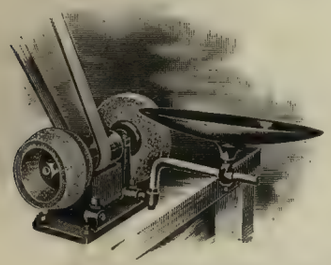
No. 28—Grinding Head, Fitted with Two 7 in. Carborundum Wheels.....**$20.00**

Weight Each Boxed About 36 Pounds.

This is a splendid Grinder Head for small shops where power is available. It is sturdy and every part is accurately machined and assembled. The bearings are babbitt lined and are adjustable to take up any possible wear.

One in a Crate.

Harrow Disc Grinding Device.



For No. 28 Grinding Head.

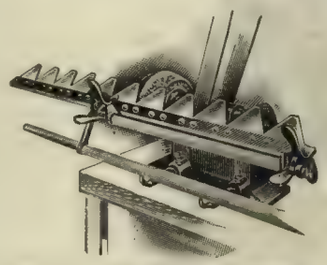
Each

No. 31—Harrow Disc Grinding Device, Weight Each About 10 Lbs.....**$3.50**

The Harrow Disc Holder is so designed that the disc can be adjusted to any desired bevel. The motion of the grinding wheel rotates the disc across the face of the wheel, thus assuring a uniform bevel and the bevel is always true with the center of the disc. The harrow grinding device is used with the plain general grinding wheel.

One in a Box.

Harvester Section Grinding Device.



For No. 28 Grinding Head.

Each

No. 30—Harvester Section Grinding Device, Weight Each About 7 Lbs.....**$7.25**

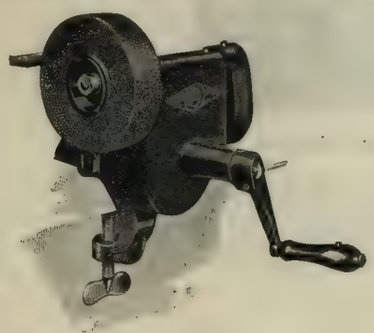
This Attachment is rigidly supported to the Machine by two arms fastened to the base which holds a guide rod so that the attachment can be moved backward and forward so as to grind every tooth in the section, even those in the ends.

One in a Box.

Hand Sickle Grinder.

CARBORUNDUM NIAGARA

Showing Sickle Grinding. Device.



Showing Tool Grinding Wheel.

Gray Iron Gear Case, Enclosed Machine Cut Gears, Malleable Iron Handle and Thumb Clamp, Sickle Holder Attachment, Fitted with Carborundum Double Bevel Sickle Grinding Wheel and Carborundum Flat Face Tool Grinding Wheel.

Each

No. 14—Fitted with One 4x1½ in. Flat Face Carborundum Wheel and One Double Bevel Sickle Grinding Wheel, Weight Each About 23 Lbs.**$10.45**

This Machine can be used in the shop or carried to the field and used clamped to the fence or mower wheel.

One in a Box.

Utility Grinder.

CARBORUNDUM NIAGARA, FOOT POWER

Gray Iron Gear Case, Strong, Durable Steel Tube Frame, Pedal Drive, Machined Enclosed Gears, Adjustable Seat, with Two Carborundum Wheels, One Coarse and One Fine Grit, for general grinding.

Each

No. 17—Frame 48 in. High, 32 in. Long, with Two 7 in. Diameter Wheels, Weight Each 100 Lbs..**$32.75**

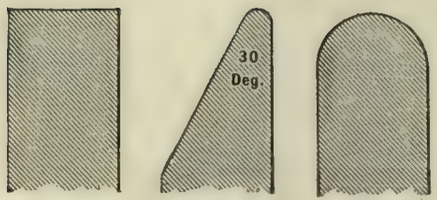
One in a Crate.

Carborundum Wheels.

Discount on Application.

Square, Bevel and Round Face.
Price Each.

Diameter in inches	THICKNESS OF WHEELS IN INCHES.											Diameter in inches	Rev. per Min. for surface speed of 5,000 feet
	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2		
1	$0.25	.30	.30	.35	.35	.40	.40	.45	.50	.55	.60	1	19,099
1½	.30	.35	.40	.45	.45	.50	.50	.55	.60	.65	.70	1½	12,733
2	.35	.45	.50	.55	.55	.60	.60	.65	.70	.75	.80	2	9,549
2½	.40	.55	.65	.70	.75	.80	.85	.95	1.05	1.15	1.25	2½	7,639
3	.50	.65	.80	.90	.95	1.05	1.10	1.25	1.40	1.55	1.70	3	6,366
3½	.60	.80	.95	1.05	1.15	1.25	1.35	1.55	1.75	1.95	2.15	3½	5,457
4	.75	.95	1.10	1.25	1.35	1.50	1.60	1.85	2.10	2.35	2.60	4	4,775
4½	.90	1.10	1.25	1.40	1.55	1.70	1.85	2.15	2.45	2.75	3.05	4½	4,244
5	1.00	1.20	1.40	1.60	1.80	2.00	2.20	2.60	3.00	3.40	3.80	5	3,820
6	1.40	1.60	1.75	2.10	2.40	2.75	3.05	3.70	4.35	5.00	5.65	6	3,183
7	1.85	2.00	2.15	2.60	3.00	3.45	3.85	4.70	5.55	6.40	7.25	7	2,728
8	2.10	2.35	2.60	3.10	3.60	4.10	4.60	5.60	6.60	7.60	8.60	8	2,387
9	2.50	2.80	3.10	3.70	4.25	4.85	5.40	6.55	7.70	8.85	10.00	9	2,122
10	3.00	3.35	3.65	4.35	5.00	5.70	6.35	7.70	9.05	10.40	11.75	10	1,910
12	3.60	3.80	4.00	5.00	6.00	6.70	7.40	9.00	10.70	12.75	14.00	12	1,592



Square Face. Bevel Face. Round Face.

Carborundum Wheels ..... Discount ..... %

NOTE—When Ordering Carborundum Wheels, State Size of Arbor Hole and Kind of Grinding Wheels are Wanted for.

Open Stock.

Emery Wheels.

CORTLAND

Discount on Application.

Square Face.

Beveled Face.

Round Face.

Square, Beveled and Round Face.

Price List of Solid Emery Wheels.

Price Each.

Diameter. in Inches.	THICKNESS OF WHEELS IN INCHES.															Revolutions per Min. for Surface Speed of 5000 Feet.
	¼	⅜	½	⅝	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4
1	$0.25	$0.30	$0.30	$0.35	$0.35	$0.40	$0.45	$0.50	$0.55	$0.60	$0.65	$0.70	$0.75	$0.80	$0.90	$1.00	19,099
1½	.30	.35	.40	.45	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	1.00	1.10	12,733
2	.35	.45	.50	.55	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.10	1.20	9,549
2½	.40	.55	.65	.70	.75	.85	.95	1.05	1.15	1.25	1.35	1.45	1.55	1.65	1.85	2.05	7,639
3	.50	.65	.80	.90	.95	1.10	1.25	1.40	1.55	1.70	1.85	2.00	2.15	2.30	2.60	2.90	6,366
3½	.60	.80	.95	1.05	1.15	1.35	1.55	1.75	1.95	2.15	2.35	2.55	2.75	2.95	3.35	3.75	5,457
4	.75	.95	1.10	1.25	1.35	1.60	1.85	2.10	2.35	2.60	2.85	3.10	3.35	3.60	4.10	4.60	4,775
4½	.90	1.10	1.25	1.40	1.55	1.85	2.15	2.45	2.75	3.05	3.35	3.65	3.95	4.25	4.85	5.45	4,244
5	1.00	1.20	1.40	1.60	1.80	2.20	2.60	3.00	3.40	3.80	4.20	4.60	5.00	5.40	6.20	7.00	3,820
6	1.40	1.60	1.75	2.10	2.40	3.05	3.70	4.35	5.00	5.65	6.30	6.95	7.60	8.25	9.55	10.85	3,183
7	1.85	2.00	2.15	2.60	3.00	3.85	4.70	5.55	6.40	7.25	8.10	8.95	9.80	10.65	12.35	14.05	2,728
8	2.10	2.35	2.60	3.10	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	14.60	16.60	2,387
9	2.50	2.80	3.10	3.70	4.25	5.40	6.55	7.70	8.85	10.00	11.15	12.30	13.45	14.60	16.90	19.20	2,122
10	3.00	3.35	3.65	4.35	5.00	6.35	7.70	9.05	10.40	11.75	13.10	14.45	15.80	17.15	19.85	22.55	1,910
12	3.60	3.80	4.00	5.00	6.00	7.40	9.00	10.70	12.75	14.00	15.70	17.40	19.00	20.75	24.25	27.50	1,592
14	4.05	5.15	6.25	7.35	8.45	10.65	12.85	15.05	17.25	19.45	21.65	23.85	26.05	28.25	32.65	37.05	1,364

Cortland Solid Emery Wheels ..... Discount ..... %

NOTE—When Ordering Emery Wheels, State Size of Arbor Hole and Kind of Work for which Wheels are Wanted.

Open Stock.

Corundum Wheels.

Discount on Application.

CORTLAND

Square Face.

Beveled Face.

Round Face.

Square, Beveled and Round Face.
Price List of Solid Corundum Wheels.
Price Each.

Diam. in Inches.	THICKNESS OF WHEELS IN INCHES.																Revolutions per Min. for Surface Speed of 5000 Feet.
	¼	⅜	½	⅝	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4	
1	$0.25	$0.30	$0.30	$0.35	$0.35	$0.40	$0.45	$0.50	$0.55	$0.60	$0.65	$0.70	$0.75	$0.80	$0.90	$1.00	19,099
1½	.30	.35	.40	.45	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	1.00	1.10	12,733
2	.35	.45	.50	.55	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.10	1.20	9,549
2½	.40	.55	.65	.70	.75	.85	.95	1.05	1.15	1.25	1.35	1.45	1.55	1.65	1.85	2.05	7,639
3	.50	.65	.80	.90	.95	1.10	1.25	1.40	1.55	1.70	1.85	2.00	2.15	2.30	2.60	2.90	6,366
3½	.60	.80	.95	1.05	1.15	1.35	1.55	1.75	1.95	2.15	2.35	2.55	2.75	2.95	3.35	3.75	5,457
4	.75	.95	1.10	1.25	1.35	1.60	1.85	2.10	2.35	2.60	2.85	3.10	3.35	3.60	4.10	4.60	4,775
4½	.90	1.10	1.25	1.40	1.55	1.85	2.15	2.45	2.75	3.05	3.35	3.65	3.95	4.25	4.85	5.45	4,244
5	1.00	1.20	1.40	1.60	1.80	2.20	2.60	3.00	3.40	3.80	4.20	4.60	5.00	5.40	6.20	7.00	3,820
6	1.40	1.60	1.75	2.10	2.40	3.05	3.70	4.35	5.00	5.65	6.30	6.95	7.60	8.25	9.55	10.85	3,183
7	1.85	2.00	2.15	2.60	3.00	3.85	4.70	5.55	6.40	7.25	8.10	8.95	9.80	10.65	12.35	14.05	2,728
8	2.10	2.35	2.60	3.10	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	14.60	16.60	2,387
9	2.50	2.80	3.10	3.70	4.25	5.40	6.55	7.70	8.85	10.00	11.15	12.30	13.45	14.60	16.90	19.20	2,122
10	3.00	3.35	3.65	4.35	5.00	6.35	7.70	9.05	10.40	11.75	13.10	14.45	15.80	17.15	19.85	22.55	1,910
12	3.60	3.80	4.00	5.00	6.00	7.40	9.00	10.70	12.75	14.00	15.70	17.40	19.00	20.75	24.25	27.50	1,592
14	4.05	5.15	6.25	7.35	8.45	10.65	12.85	15.05	17.25	19.45	21.65	23.85	26.05	28.25	32.65	37.05	1,364

Cortland Corundum Wheels..... .....**Discount**.....%

Corundum is the hardest of all known minerals except the diamond. The gems, ruby, sapphire and Oriental emerald, are perfectly crystallized, highly colored varieties of Corundum. Its great hardness, toughness and tendency to break with a rough "hackly" fracture—producing grains with extremely sharp edges—make Corundum the ideal abrasive for hard metals. Its quality of cutting "cool," not heating the article ground, renders it especially superior for tool grinding.

NOTE—When Ordering Corundum Wheels, State Size of Arbor Hole and Kind of Work for which Wheels are Wanted.

Open Stock.

Blacksmith Corundum Wheels.

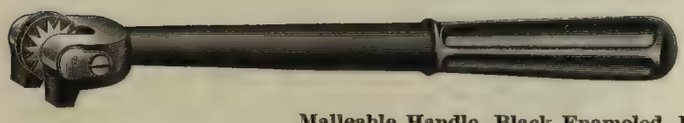
Square Face, Grade 300, 1¼ in. Arbor Hole.

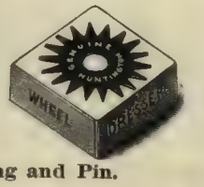
Size, Inches	10x1¾	10x2	12x1½	12x1¾	12x2	12x2½	14x1½	14x2	14x2½
Weight Each, Lbs.	10	14¼	15	17	19	24	20	28	35
Each	$10.40	11.75	10.70	12.75	14.00	17.40	15.05	19.45	23.85

Open Stock.

Emery Wheel Dressers.

HUNTINGTON'S PATTERN





Malleable Handle, Black Enameled, Hardened Steel Bushing and Pin.

Each

No. 5—Huntington's Pattern Emery Wheel Dressers, with 2 Sets Cast Steel Cutters, Weight Each 1¼ Lbs.....**$0.80**

This Tool is unexcelled for Truing, Shaping and Removing Glaze from Solid Emery Wheels running full speed.
One in a Box.

CUTTERS FOR EMERY WHEEL DRESSERS

Per Set

Extra Cutters—For Huntington's Emery Wheel Dressers, Best Milled Crucible Steel, Uniformly Tempered in Oil.....**$0.10**

Weight Per Set 2 Ounces.
25 Sets in a Box.

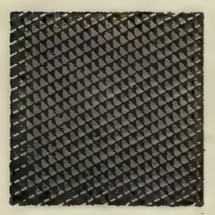
Cut of Files.

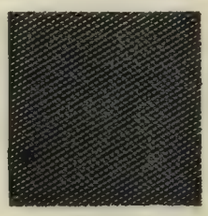
Illustrations Showing the Different "Cuts" in General Use for 12 Inch Files.

On Files Larger than 12 in. the Cut is Made Proportionately Coarser, and Finer on Shorter Lengths.

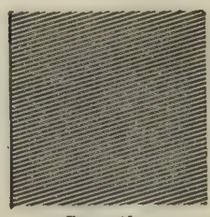
DOUBLE CUT

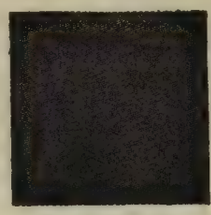
Especially Adapted for Use in Machine Shops, Locomotive Works, Foundries and Similar Classes of Work.


Coarse.


Bastard

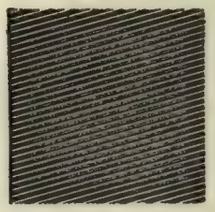
Second Cut.


Smooth.


Dead Smooth.

SINGLE CUT

Particularly Adapted for Saw Filing, Also Used on Lathe Work by Machinists, and by Some Classes of Wood Workers, Carriage Builders, Etc.

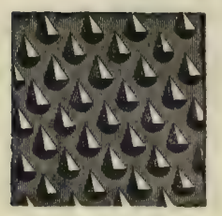

Bastard.

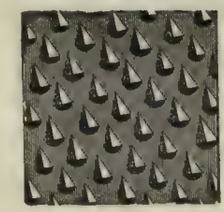
Second Cut.

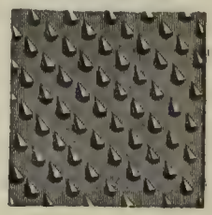
Smooth.

RASP CUT

Used by Blacksmiths, Horse Shoers, Plumbers, Cabinet Makers, Wood Workers, Etc.


Horse Rasp.


Wood Rasp.


Cabinet Rasp.

Shoe Rasp.

GENERAL DESCRIPTION OF FILES AND RASPS.

Files and Rasps have Three Distinguishing Features.

First—Their Length—Which is always measured exclusive of their Tang.
Second—Their Kind or Name—Which has reference to the shape or style.
Third—Their Cut—Which has reference not only to character, but also to relative degrees of coarseness of Teeth.

The Length—Of a File is the distance between its Heel or part of the File where the Tang begins and the point or end opposite. The Tang or portion of the File prepared for the reception of the Handle is never included in the Length. In general, the Lengths of Files bear no fixed proportion to either their Width or Thickness, even though they be of the same kind.

The Kind—By Kind is meant the varied shapes or styles of Files which are distinguished by certain technical names, as, for instance, **Flat, Mill, Half-Round,** etc. The Kinds are divided, from the form of their Cross Sections into Three Geometrical Classes, namely, Quadrangular Sections, Circular Sections, and Triangular Sections; Odd and Irregular Forms are collected under Miscellaneous Classes. These Classes are in turn sub-divided according to their general outline, into Taper and Blunt.

Taper—Designates a file, the Point of which is more or less reduced in size, both in Width and Thickness by a gradually narrowing Section extending from One-half to Two-thirds the Length of the File, from the Point.

Blunt—Designates a File that preserves its Sectional Shape throughout, from Point to Tang.

The Cut of Files is divided, with reference to the character of the Teeth, into Single Cut, Double Cut and Rasp Cut, and with reference to the Coarseness of the Teeth into Rough, Coarse, Bastard, Second Cut, Smooth and Dead Smooth. Regarding the latter we may say very briefly that the Coarse and Bastard Cuts are used upon the coarser, heavier classes of work, while the Second Cut and Smooth are used for the finer grades and for finishing the work started by the Coarse and Bastard. The Rough and Dead Smooth are seldom called for, but correspond to the above use..

The Single Cut File—Is one in which a Single, Unbroken Course of Chisel Cuts is made across its Surface, arranged parallel to each other, but with a horizontal obliquity to the Central Line.

The Double Cut File—Has Two Courses of Chisel Cuts crossing each other, the Second Course, with rare exceptions, being finer than the first.

Rasp Cut—Differs from Single or Double Cut in the respect that the Teeth are disconnected from each other, each Tooth being made by a single pointed punch.

Safe Edge, or Side—Terms used to denote that a File has one or more of its Edges or Sides Smooth or Uncut, that it may be presented to the work without injury to that portion which does not require to be Filed.

Standard Price List of Files and Rasps.

List Adopted Nov. 1, 1899, by the File Manufacturers' Association of the United States.

List Per Dozen.

Discount on Application.

INCH	MILL AND ROUND			FLAT		
	Bastard	2d Cut	Sm'oth	Bastard	2d Cut	Sm'oth
4	$3.00	$3.50	$3.90	$3.70	$4.30	$4.70
5	3.20	3.80	4.10	3.90	4.60	4.90
6	3.50	4.00	4.50	4.30	4.80	5.30
7	3.90	4.60	4.90	4.80	5.50	6.10
8	4.30	4.90	5 40	5.30	6.10	6.60
9	4.90	5.80	6.30	6.30	7.20	7.90
10	5.60	6.40	7.00	7.00	8.10	8.70
11	6.70	7.80	8.50	8.60	9.80	10.70
12	7.50	8.60	9.40	9.70	11.00	12.10
13	9.40	10.70	11.70	11.80	13.60	14.70
14	10.70	12.20	13.10	13.30	15.30	16.70
15	13.10	15.00	16.10	16.00	18.30	20.00
16	14.70	16.80	17.90	17.80	20.10	22.30
17	18.20	20.20	21.70	21.50	24.20	26.50
18	20.20	22.70	24.30	23.90	26.80	29.20
19	24.60	27.50	29.40	28.40	31.60	34.60
20	27.40	30.70	32.90	31.50	35.30	38.30

Mill Blunt Dbl. Cut, adv. 2 in.
Mill Dbl. Cut, " 1 "
Mill Narrow Point, " 1 "
Mill Machine, " 1 "
Mill Triangular, & sq. " 1 "
Farmr's' Own, adv.on B'st 1 "

Cant (Blunt) Dbl. Cut, advance 2 in.

INCH	SQUARE			HAND AND PILLAR		
	Bastard	2d Cut	Smo'th	Bastard	2d Cut	Smo'th
4	$3.80	$4.60	$4.90	$3.70	$4.30	$4.80
5	4.10	4.80	5.30	3.90	4.70	5.30
6	4.60	5.10	5.50	4.30	5.10	5.60
7	5.10	5.80	6.30	4.90	5.80	6.30
8	5 50	6.30	7.00	5.40	6.30	6.70
9	6.60	7.70	8.30	6.70	7.80	8.30
10	7.40	8.50	9.10	7.50	8.70	9.40
11	9.10	10.40	11.30	9.40	10.90	11.80
12	10.20	11.50	12.80	10.70	12.30	13.50
13	12.50	14.30	15.40	13.30	15.20	16.20
14	13.90	16.10	17.50	15.00	17.00	18.20
15	16.90	19.20	20.90	17.90	20.60	21.70
16	18.70	21.20	23.30	20.10	22.80	24.20
17	22.50	25.40	27.50	24.20	27.10	28.60
18	25.10	28.20	30.40	26.80	29.90	31.50
19	29.70	33.20	35.70	31.90	35.40	37.60
20	32.80	36.70	39.30	35.10	39.20	41.60

Square Blunt, advance 1 in.

Slotting (Blt.), advance 2 in.
Cotter Blunt or Taper, advance 2 in.
Reaper, adv. 1 in. on 2d. cut.

INCH	HALF ROUND AND THREE SQUARE			WARDING		
	Bastard	2d Cut	Smo'th	Bastard	2d Cut	Smo'th
4	$4.80	$5.60	$6.10	$4.00	$4.80	$5.40
5	5.40	6.10	6.40	4.50	5.30	5.80
6	6.10	6.70	7.10	4.90	5.90	6.40
7	7.00	7.70	8.20	5.90	6.90	7.50
8	7.50	8.30	8.90	6.40	7.50	8.20
9	8.50	9.40	9.90	7.80	9.00	9.90
10	9.10	10.10	10.70	8.70	10.10	11.00
11	10.70	11.80	12.70	10.90	12.70	13.70
12	11.80	13.00	13.90	12.30	14.30	15.40
13	14.10	15.40	16.60	15.20	17.40	18.70
14	15.50	17.00	18.30	17.00	19.40	21.00
15	18.50	20.40	21.70			
16	20.60	22.50	24.20			
17	24.70	27.00	28.90			
18	27.50	29.90	32.00			
19	32.80	35.70	38.10			
20	36.20	39.40	42.30			

STAVESAW
8 inch.....$9.40

STAVESAW IMPROVED
6 inch..... $6.40
7 " 7.40
8 " 8.10
9 " 9.70
10 " 10.70
12 " 15.40

Ginsaw, take Bastard price.
Crossing, adv. 2 in.
Tumbler, " 2 "
Feather Edge (Blt.), " 2 "
High Back, } " 2 "
Half Round. }

INCH	MILL One Round Edge			MILL Two Round Edges.		
	Bastard	2d Cut	Smo'th	Bastard	2d Cut	Smo'th
4	$3.40	$3 90	$4 40	$3.80	$4.40	$4.90
5	3.60	4.30	4 60	4.00	4.80	5.10
6	3 90	4.50	5.10	4.40	5.00	5.60
7	4.40	5.20	5.50	4.90	5.80	6.10
8	4.80	5.50	6 10	5.40	6.10	6.80
9	5.50	6.50	7.10	6.10	7.30	7.90
10	6 30	7.20	7.90	7.00	8.00	8.80
11	7 50	8.80	9.60	8.40	9.80	10.60
12	8.40	9.70	10.60	9.40	10.80	11.80
13	10.60	12.00	13.20	11.80	13.40	14.60
14	12.00	13.70	14 70	13.40	15.30	16.40
15	14.70	16.90	18.10	16.40	18.80	20.10
16	16.50	18 90	20 10	18.40	21.00	22.40
17	20.50	22.70	24.40	22.80	25.30	27.10
18	22.70	25.50	27.30	25.30	28.40	30.40

INCH	TAPERS		SLIM TAPERS		BANDSAW Blunt & Taper	
	Single Cut	Double Cut	Single Cut	Double Cut	Regular	Slim
3	$2.10	$2.50	$2.10	$2.50	$2.50	$2.50
3½	2.10	2.50	2.10	2.50	2.50	2.50
4	2.20	2.90	2.20	2.60	2.90	2.60
4½	2.40	3.10	2.30	3.00	3.10	3.00
5	2.60	3.50	2.50	3.20	3.50	3.20
5½	3 00	4.00	2.90	3.50	4 00	3.50
6	3.40	4.70	3.10	3.90	4.70	3.90
7	4.30	5.60	3.80	4.50	5.60	4.50
8	5.40	6.70	4.50	5.30	6.70	5.30
9	6.60	8.10	5.40	6.30	8.10	6.30
10	8.10	9.70	6.40	7.50	9.70	7.50
11	10.70	12.10	8.30	9.10	12.10	9.10
12	12.50	14.70	9.50	11.00	14.70	11.00
13	15.90	17.50	12.10	13.10	17.50	13.10
14	18.20	20.60	13.80	15.40	20.60	15.40

INCH	PIT SAW	CANT SAW	CROSS CUT	HOOK TOOTH	PL'NER KNIFE	INSERTED TOOTH OR CH TOOTH
	Single Cut	Single Cut	Single Cut	Single Cut	Single Cut	
4	$4.80	$4.30	$4.80	.....	. ...	.
5	5.40	4.70	5.40	.....	... .	....
6	6.10	5.40	6.10	$6.70	.....	.....
7	7.00	6.10	7.00	7.70	.....	.....
8	7.50	6.40	7.50	8.30	$6.40	$8.30
9	8.50	7.80	8.50	9.40	.....	9.40
10	9.10	8.70	9.10	10.10	8.60	10.10
11	10.70	10.40	10.70	11.80	.....	.....
12	11.80	11.40	11.80	13.00	12.10	.....

Climax, adv. 2 in. on Hf. Rd. Bastard.
Round Gulleting, take Pitsaw price.

DOUBLE-ENDED TAPER WITH HANDLE.

6	7	8	9	10
$3.50	3.50	3.90	4.40	4.90

INCH	HORSE RASPS			FILE RASPS	
	Plain	Bevel'd and ¾ Rasp	Tanged	Flat	Hf. Rd.
6	. ...	.. . .	... ..	$7.40	$8.10
7	....	.....	.....	8.60	9.30
8	....	.....	.....	9 40	10.10
9	.....	.....	.....	11.40	12.20
10	$9.40	$10.70	$12.80	12.80	13.70
11	11.40	12.90	15.20	15.50	16.80
12	12.80	14.40	16.80	17.50	18.70
13	15.20	17.00	19.60	20.90	22.40
14	17.80	20.10	23.10	23.20	24.80
15	20.90	23.60	27.30	27.80	29.70
16	24.40	27.50	32.20	30.80	32.90
17	28.90	31.50	.....	36.20	38.90
18	32.90	36.20	.....	40.90	43.60

INCH	WOOD FILES			WOOD RASPS		
	Flat	Hf. Rd.	Cabin't	Flat	Hf. Rd.	Cabin't
6	$4.30	$6.10	$8.10	$7.40	$8.10	$10.10
7	4.80	7.00	9.30	8.60	9.30	11.70
8	5.30	7.50	10.10	9.40	10.10	12.80
9	6.30	8.50	12.20	11.40	12.20	15.50
10	7.00	9.10	13.70	12.80	13.70	17.50
11	8.60	10.70	16.80	15.50	16.80	20.70
12	9.70	11.80	18.70	17.50	18.70	22.80
13	11.80	14.10	22.40	20.90	22.40	26.80
14	13.30	15.50	24.80	23.20	24.80	29.60
15	16.00	18.50	29.70	27.80	29.70	33.90
16	17.80	20.60	32.90	30.80	32.90	36.90
17	21.50	24.70	38.90	36.20	38.90	42.40
18	23.90	27.50	43.60	40.90	43.60	46.90

INCH	SHOE RASPS		
	Flat	Hf. Rd.	Oval
6	$8.10	$8.10	$9.30
7	9.30	9.30	10.10
8	10.10	10.10	12.20
9	12.20	12.20	13.70
10	13.70	13.70	16.80
11	16.80	16.80	18.70
12	18.70	18.70	22.40
13	22.40	22.40	.....
14	24.80	24.80	.....

LASTMAKERS' RASPS.
1 in. adv. on Cabinet Rasps.

INCH	KNIFE		
	Basta'd	2d Cut	Smo'th
4	$5.40	$6.10	$6.40
5	6.10	6.70	7.10
6	6.90	7.50	7.90
7	7.80	8.50	8.90
8	8.50	9.10	9.50
9	9.40	10.60	11.30
10	10.10	11.50	12.30
11	12.20	13.70	14.60
12	13.70	15.20	16.10
13	16.30	17.90	19.20
14	18.20	19.90	21.20

Sizes below 4 inches, not extended, take 4 inch price.

Half Inches not specified, take next higher full inch price.

Dead Smooth, double the price of Bastard Cut.

One Round Edge, advance 12½ %.

All lengths above those listed, ad. 20% on next lower inch price.

Blunt Files not specified, ad. 1 inch on respective kinds and cuts.

Single or Float Cut not specified, on regular shapes take Double Cut price.

Equalings (Bellied), advance 2 inch on respective kinds and cuts.

Two Round Edges, advance 25%.

Files varying from standard sizes, subject to special prices.

Cuts not specified, made on regular blanks, advance 1 inch on respective kinds and nearest cut.

Files.

Discount on Application.

REGULAR TAPER, SINGLE CUT

For Filing Hand and Buck Saws.

Inches		3	3½	4	4½	5	5½	6
Ap. Wt. Doz., Lbs.		⅜	½	¾	1⅛	1⅜	1¾	2
Nicholson's,	Dozen,	$2.10	2.10	2.20	2.40	2.60	3.00	3.40
Arcade,	Dozen,	2.10	2.10	2.20	2.40	2.60	3.00	3.40

Inches		7	8	9	10	12	14
Ap. Wt. Doz., Lbs.		3	4¼	6	7	12	16
Nicholson's,	Dozen,	$4.30	5.40	6.60	8.10	12.50	18.20
Arcade,	Dozen,	4.30	5.40	6.60	8.10	12.50	18.20

SLIM TAPER, SINGLE CUT

For Filing Hand Saws.

Inches		3	3½	4	4½	5
Ap. Wt. Per Dozen, Lbs..		¼	¼	⅜	½	⅝
Nicholson's	Per Dozen,	$2.10	2.10	2.20	2.30	2.50
Arcade	Per Dozen,	2.10	2.10	2.20	2.30	2.50
Hercules	Per Dozen,	2.10	2.10	2.20	2.30	2.50

Inches		5½	6	7	8	10
Ap. Wt. Per Dozen, Lbs..		¾	1¼	2	3	5
Nicholson's	Per Dozen,	$2.90	3.10	3.80	4.50	6.40
Arcade	Per Dozen,	2.90	3.10	3.80	4.50	6.40
Hercules	Per Dozen,	2.90	3.10	3.80	4.50	6.40

REGULAR TAPER, DOUBLE CUT

For Filing Fine Toothed Hand Saws and Metal Worker Hand Saws.

Inches		3	3½	4	4½	5	5½	6
Ap. Wt. Doz., Lbs.		½	½	¾	1	1½	1¾	2
Nicholson's,	Dozen,	$2.50	2.50	2.90	3.10	3.50	4.00	4.70
Arcade	Dozen,	2.50	2.50	2.90	3.10	3.50	4.00	4.70

EXTRA SLIM TAPER, SINGLE CUT

For Filing Panel, Hack, Butcher, Scroll and Other Fine Tooth Thin Edge Saws.

Inches		4½	5	5½	6
Ap. Wt. Per Dozen, Lbs..		⅜	½	⅝	¾
Nicholson's	Per Dozen,	$2.30	2.50	2.90	3.10
Arcade	Per Dozen,	2.30	2.50	2.90	3.10

3 to 10 in., One Dozen; 12 to 14 in., One-half Dozen in a Box.

DOUBLE ENDER TAPER, SINGLE CUT

Reversible, With Handle, for Filing Hand Saws.

Inches		7	8	9	10
Ap. Wt. Per Dozen, Lbs..		1	1½	2	2¾
Nicholson's	Per Dozen,	$3.50	3.90	4.40	4.90
Arcade	Per Dozen,	3.50	3.90	4.40	4.90
Hercules	Per Dozen,	3.50	3.90	4.40	4.90

One Dozen in a Box.

STUBS' REGULAR TAPER, DOUBLE CUT

For Filing Fine Toothed Hand and Hack Saws, and Metal Workers' Hack Saws Which are Considerably Harder than Those Used Upon Wood.

Inches		3	3½	4	4½	5
Ap. Wt. Per Dozen, Lbs.		¼	¼	¼	⅜	½
Per Dozen		$3.70	3.90	4.20	4.70	5.70

Inches		5½	6	7	8
Ap. Wt. Per Dozen, Lbs.		⅝	¾	1	1½
Per Dozen		$6.00	6.35	8.40	10.90

One Dozen in a Box.

WEED'S SPECIAL, SLIM BLUNT

With Handle, for Filing Very Hard Tempered Saws.

Inches	5	6
Approx. Weight Per Dozen, Lbs.	¾	1
Per Dozen	$1.70	2.25

One Dozen in a Box.

FLAT BASTARD

Used by Machinists and Other Mechanics Upon Leather, Wood and Soft Metals.

Inches		3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	15	16	18
Ap. Wt. Doz., Lbs..		¼	⅜	½	¾	1	1¾	3	4	6	7½	10	13	16	19	23	27	39
Nicholson's,	Dozen,	$3.70	3.70	3.70	3.90	3.90	4.30	4.80	5.30	6.30	7.00	8.60	9.70	11.80	13.30	16.00	17.80	23.90
Arcade,	Dozen,	3.70	3.70	3.70	3.90	3.90	4.30	4.80	5.30	6 30	7.00	8.60	9.70	11.80	13.30	16.00	17.80	23.90
Hercules	Dozen,	3.70	3.70	3.70	3.90	3.90	4.30	4.80	5.30	6.30	7.00	8.60	9.70	11.80	13.30	16.00	17.80	23.90

FLAT SECOND CUT

Used by Mechanics for Finishing Metals Previously Prepared by the Bastard, to be Followed by Emery Processes.

Inches		3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	15	16
Nicholson's,	Per Dozen...	$4.30	4.30	4.30	4.60	4.60	4.80	5.50	6.10	7.20	8.10	9.80	11.00	13.60	15.30	18.30	20 10
Arcade,	Per Dozen...	4.30	4.30	4.30	4.60	4.60	4.80	5.50	6.10	7.20	8.10	9.80	11.00	13.60	15.30	18.30	20 10

FLAT SMOOTH

Inches		3	3½	4	4½	5	6	7	8	9	10	12	14	16
Nicholson's,	Per Dozen	$4.70	4.70	4.70	4.90	4.90	5.30	6.10	6.60	7.90	8.70	12.10	16.70	22.30
Arcade,	Per Dozen	4.70	4.70	4.70	4.90	4.90	5.30	6.10	6.60	7.90	8.70	12.10	16.70	22.30

3 to 8 in., One Dozen; 9 to 18 in., One-half Dozen in a Box.

Discount on Application.

Files.

MILL BASTARD, SQUARE EDGE

Used principally for sharpening Mill Saws, also Cross Cut Saws, Mowing Machine Knives and Plows, in Machine Shops for Lathe Work, Draw Filing and to some extent finishing the several compositions of Brass and Bronze.

Inches	3	4	4½	5	6	7	8	9	10	11	12	13	14	16
Ap. Wt. Per Dozen, Lbs..	¼	½	¾	1	1½	2	3	4½	6	9	12	14	15	17
Nicholson's, Per Dozen...	$3.00	3.00	3.20	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	9.40	10.70	14.70
Arcade, Per Dozen...	3.00	3.00	3.20	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	9.40	10.70	14.70
[illegible], Per Dozen...	3.00	3.00	3.20	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	9.40	10.70	14.70

MILL BASTARD, ONE ROUND EDGE

For Filing Teeth in Circular and Other Mill Saws.

Inches	4	5	6	7	8	9	10	12	13	14
Nicholson's, Per Dozen.....	$3.40	3.60	3.90	4.40	4.80	5.50	6.30	8.40	10.60	12.00
Arcade, Per Dozen.....	3.40	3.60	3.90	4.40	4.80	5.50	6.30	8.40	10.60	12.00
[illegible], Per Dozen.....	3.40	3.60	3.90	4.40	4.80	5.50	6.30	8.40	10.60	12.00

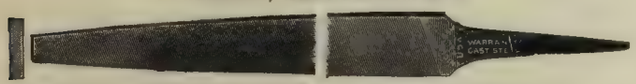
MILL BASTARD, TWO ROUND EDGES

For Filing Teeth in Circular and Other Mill Saws.

Inches	8	10	12
Nicholson's, Per Dozen.....	$5.40	7.00	9.40
Arcade, Per Dozen.....	5.40	7.00	9.40

3 to 8 in., One Dozen; 9 to 16 in., One-half Dozen in a Box.

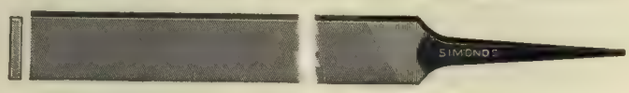
MILL, SECOND CUT



Inches	8	10	12	14
Ap. Wt. Per Dozen, Lbs....	3	6	12	15
Nicholson's, Per Dozen.....	$4.90	6.40	8.60	12.20
Arcade, Per Dozen.....	4.90	6.40	8.60	12.20

8 and 10 in., One Dozen; 12 and 14 in., One-half Dozen in a Box.

SIMONDS' MILL BASTARD, SQUARE EDGE



For Cross Cut Saws.

Inches	6	8	10
Ap. Weight Per Dozen, Lbs...	1½	3	6
Per Dozen	$3.50	4.30	5.60

One Dozen in a Box.

DISSTON'S IMPERIAL MILL FILES

High Quality Crucible Steel.

Inches	6	7	8
Ap. Weight Per Dozen, Lbs.	1½	2	3
Per Dozen	$3.50	3.90	4.30

One Dozen in a Box.

PLANER KNIFE.

For Planer Knives, One-half Single and One-half Double Cut.

Inches	8	10	12
Ap. Wt. Per Dozen, Lbs	4	6	12
Nicholson's, Per Dozen.....	$6.40	8.60	12.10
Arcade, Per Dozen.....	6.40	8.60	12.10

One Dozen in a Box.

ROUND BASTARD

For Enlarging Round Holes and Shaping Internal Angles which are Filled in.

Inches	3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	15	16
Ap. Wt. Per Dozen, Lbs...	¼	⅜	½	⅝	¾	1	1½	1¾	2½	3¼	5	7	10	13	17	21
Nicholson's, Per Dozen....	$3.00	3.00	3.00	3.20	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	9.40	10.70	13.10	14.70
Arcade, Per Dozen....	3.00	3.00	3.00	3.20	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	9.40	10.70	13.10	14.70
[illegible], Per Dozen....	3.00	3.00	3.00	3.20	3.20	3.50	3.90	4.30	4.90	5.60	6.70	7.50	9.40	10.70	13.10	14.70

ROUND SECOND CUT

Inches	3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	15	16
Nicholson's, Per Dozen....	$3.50	3.50	3.50	3.80	3.80	4.00	4.60	4.90	5.80	6.40	7.80	8.60	10.70	12.20	15.00	16.80
Arcade, Per Dozen....	3.50	3.50	3.50	3.80	3.80	4.00	4.60	4.90	5.80	6.40	7.80	8.60	10.70	12.20	15.00	16.80

SQUARE BASTARD

For Enlarging Aperture of a Square or Rectangular Shape.

Inches	4	5	6	7	8	9	10	11	12	13	14	15	16	18
Ap. Wt. Dozen, Lbs.	½	¾	1	1½	2¼	3	4	7	9	13	16	21	27	35
Nicholson's, Per Doz.	$3.80	4.10	4.60	5.10	5.50	6.60	7.40	9.10	10.20	12.50	13.90	16.90	18.70	25.10
Arcade, Per Doz.	3.80	4.10	4.60	5.10	5.50	6.60	7.40	9.10	10.20	12.50	13.90	16.90	18.70	25.10
[illegible], Per Doz.	3.80	4.10	4.60	5.10	5.50	6.60	7.40	9.10	10.20	12.50	13.90	16.90	18.70	25.10

SQUARE SECOND CUT

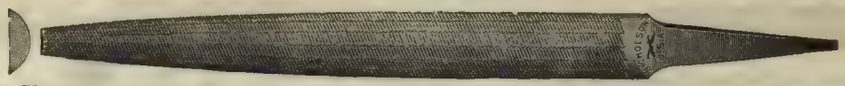
Inches	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Nicholson's, Per Doz.	$4.60	4.60	4.80	5.10	5.80	6.30	7.70	8.50	10.40	11.50	14.30	16.10	19.20	21.20
Arcade, Per Doz.	4.60	4.60	4.80	5.10	5.80	6.30	7.70	8.50	10.40	11.50	14.30	16.10	19.20	21.20

3 to 8 in., One Dozen; 9 to 16 in., One-half Dozen in a Box.

Files.

Discount on Application.

HALF ROUND BASTARD



Used in General Machine Shop Work; the Flat Side for General Purpose and the Convex Side in Preparing and Sharpening the Great Variety of Concave Work.

Inches	3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	15	16	18
Ap. Wt. Doz., Lbs.	¼	⅜	½	¾	1	1½	2½	4	5	6	9	12	14½	17	21	25	38
Nicholson's, Doz.	$4.80	4.80	4.80	5.40	5.40	6.10	7.00	7.50	8.50	9.10	10.70	11.80	14.10	15.50	18.50	20.60	27.50
Arcade, Doz.	4.80	4.80	4.80	5.40	5.40	6.10	7.00	7.50	8.50	9.10	10.70	11.80	14.10	15.50	18.50	20.60	27.50
[illegible], Doz.	4.80	4.80	4.80	5.40	5.40	6.10	7.00	7.50	8.50	9.10	10.70	11.80	14.10	15.50	18.50	20.60	27.50

HALF ROUND SECOND CUT

Used Preparatory to the Emery Processes of Finishing.

Inches	3	3½	4	4½	5	6	7	8	9	10	11	12	14	16
Nicholson's, Per Doz..	$5.60	5.60	5.60	6.10	6.10	6.70	7.70	8.30	9.40	10.10	11.80	13.00	17.00	22.50
Arcade, Per Doz..	5.60	5.60	5.60	6.10	6.10	6.70	7.70	8.30	9.40	10.10	11.80	13.00	17.00	22.50

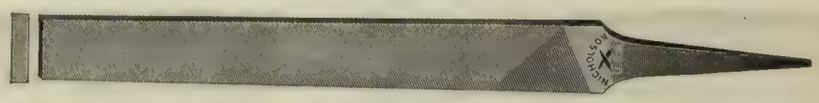
HALF ROUND SMOOTH

Used Preparatory to the Emery Processes of Finishing.

Inches	3	3½	4	4½	5	6	7	8	9	10	12	14	16
Nicholson's, Per Dozen.....	$6.10	6.10	6.10	6.40	6.40	7.10	8.20	8.90	9.90	10.70	13.90	18.30	24.20
Arcade, Per Dozen.....	6.10	6.10	6.10	6.40	6.40	7.10	8.20	8.90	9.90	10.70	13.90	18.30	24.20

3 to 8 in., One Dozen; 9 to 18 in., One-half Dozen in a Box.

HAND BASTARD



Preferred Amongst Machinists and Engineers for Finishing Flat Surfaces, Has One Safe Edge.

Inches	4	5	6	7	8	9	10	12	14	16
Ap. Weight Per Dozen, Lbs.....	1	1¾	2½	4	5	8	10	15	22	36
Nicholson's, Per Dozen.....	$3.70	3.90	4.30	4.90	5.40	6.70	7.50	10.70	15.00	20.10
Arcade, Per Dozen.....	3.70	3.90	4.30	4.90	5.40	6.70	7.50	10.70	15.00	20.10

HAND SECOND CUT

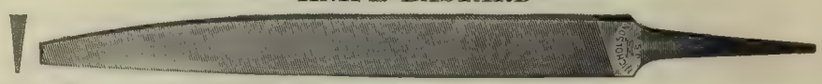
Inches	3	4	5	6	7	8	9	10	12	14	16
Nicholson's, Per Dozen.....	$4.30	4.30	4.70	5.10	5.80	6.30	7.80	8.70	12.30	17.00	22.80
Arcade, Per Dozen.....	4.30	4.30	4.70	5.10	5.80	6.30	7.80	8.70	12.30	17.00	22.80

HAND SMOOTH

Inches	3	4	5	6	7	8	9	10	12	14	16
Nicholson's, Per Dozen.....	$4.80	4.80	5.30	5.60	6.30	6.70	8.30	9.40	13.50	18.20	24.20
Arcade, Per Dozen.....	4.80	4.80	5.30	5.60	6.30	6.70	8.30	9.40	13.50	18.20	24.20

3 to 8 inch, One Dozen; 9 to 18 inch, One-half Dozen in a Box.

KNIFE BASTARD



Used in Filing the Inner Angles of the Sear and Main Springs of the Gun Lock and Works of a Similar Shape.

Inches	3	3½	4	4½	5	6	7
Approx. Weight Per Dozen, Lbs.....	½	⅝	¾	⅞	1	1¼	2
Nicholson's, Per Dozen.....	$5.40	5.40	5.40	6.10	6.10	6.90	7.80
Arcade, Per Dozen.....	$5.40	5.40	5.40	6.10	6.10	6.90	7.80

KNIFE SECOND CUT

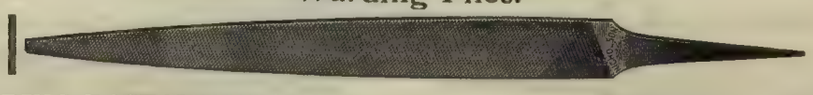
Inches	3	3½	4	4½	5	6	7
Nicholson's, Dozen,	$6.10	6.10	6.10	6.70	6.70	7.50	8.50
Arcade, Dozen,	6.10	6.10	6.10	6.70	6.70	7.50	8.50

KNIFE SMOOTH

Inches	3	3½	4	4½	5	6	7
Nicholson's, Dozen,	$6.40	6.40	6.40	7.10	7.10	7.90	8.90
Arcade, Dozen,	6.40	6.40	6.40	7.10	7.10	7.90	8.90

One Dozen in a Box.

Warding Files.



WARDING BASTARD

Considerably Used by Jewelers and Machinists, but More Especially by Locksmiths for Filing the Ward Notches in Keys.

Inches	3	3½	4	4½	5	6	7
Ap. Wt. Doz., Lbs.	¼	⅜	½	⅝	⅝	1	1½
Nicholson's, Dozen,	$4.00	4.00	4.00	4.50	4.50	4.90	5.90
Arcade, Dozen,	4.00	4.00	4.00	4.50	4.50	4.90	5.90

One Dozen in a Box.

WARDING SECOND CUT

Made Extra Thin and Strong. Considerably Used by Jewelers and Machinists, but More Especially by Locksmiths for Filing the Ward Notches in Keys.

Inches	3	3½	4	4½	5	6	7
Ap. Wt. Doz., Lbs.	¼	⅜	½	⅝	⅝	1	1½
Nicholson's, Dozen,	$4.80	4.80	4.80	5.30	5.30	5.90	6.90
Arcade, Dozen,	4.80	4.80	4.80	5.30	5.30	5.90	6.90

One Dozen in a Box.

Discount on Application.

Files.

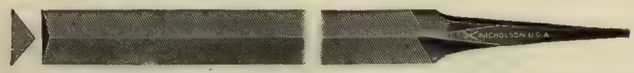
PIT SAW

For Filing Teeth of Pit and Frame Saws.

Inches	5	5½	6	6¼	7	8	10
Ap. Wt. Doz., Lbs.	⅞	1¼	1¾	2¼	2¾	3½	6
Nicholson's, Dozen,	$5.40	6.10	6.10	7.00	7.00	7.50	9.10
Arcade, Dozen,	5.40	6.10	6.10	7.00	7.00	7.50	9.10

One Dozen in a Box.

CANT, BLUNT, SINGLE CUT



Used in Shaping the Inner Angles of Spanners or Wrenches for Hexagon Bolt Heads and Nuts.

Inches	5	6	8	10
Ap. Wt. Per Dozen, Lbs.	1	1½	3	5
Nicholson's, Per Dozen..	$4.70	5.40	6.40	8.70

One Dozen in a Box.

BAND SAW

Designed Especially for Filing Band Saws.

Band Saw Blunt, Slim.

Inches	4	4½	5	6
Ap. Wt. Per Dozen, Lbs.	¾	1	1¼	1½
Nicholson's, Per Dozen..	$2.60	3.00	3.20	3.90
Arcade, Per Dozen..	2.60	3.00	3.20	3.90

One Dozen in a Box.

Band Saw Blunt, Regular.

Inches	4	4½	5	6
Ap. Wt. Per Dozen, Lbs.	¾	1	1¼	1½
Nicholson's, Per Dozen..	$2 90	3.10	3.50	4.70
Arcade, Per Dozen..	2.90	3.10	3.50	4.70

One Dozen in a Box.

GREAT AMERICAN CROSS CUT

DISSTON'S, Especially Designed for Filing Great American Cross Cut Saws.

Inches	8
Approx. Weight Per Dozen, Lbs.	4
Per Dozen	$3.35

One-half Dozen in a Box.

ACME HAND SAW

DISSTON'S, Especially Designed for Filing Acme Hand Saws.

Inches	6
Approx. Weight Per Dozen, Lbs.	2
Per Dozen	$3.15

One Dozen in a Box.

Files and Rasps.

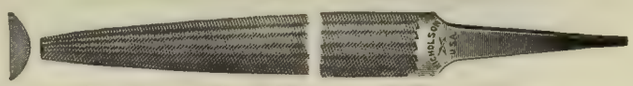
FLAT WOOD FILES

Used by Cabinet Makers and Wood Workers.

Inches	12	14	16
Ap. Weight Per Dozen, Lbs.	12	17	24
Nicholson's, Per Dozen	$9.70	13.30	17.80
Arcade, Per Dozen	9.70	13.30	17 80

One-half Dozen in a Box.

HALF ROUND WOOD FILES

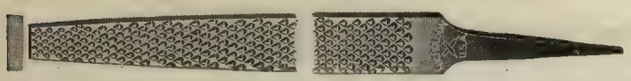


Used by Cabinet Makers and Wood Workers.

Inches	10	12	14	16
Ap. Wt. Per Dozen, Lbs.	8	10	18	26
Nicholson's, Per Dozen..	$9.10	11.80	15.50	20.60
Arcade, Per Dozen..	9.10	11.80	15.50	20.60

One-half Dozen in a Box.

FLAT WOOD RASPS

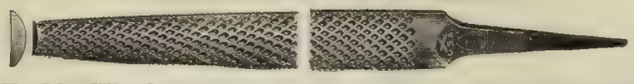


Used by Wheelwrights and Carriage Makers, Also by Plumbers and Marble Workers.

Inches	12	14	16
Ap. Wt. Per Dozen, Lbs.	12	18	26
Nicholson's, Per Dozen	$17.50	23.20	30.80
Arcade, Per Dozen	17.50	23.20	30.80

One-half Dozen in a Box.

HALF ROUND WOOD RASPS



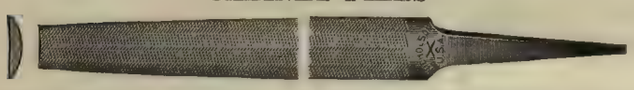
Used by Wheelwrights and Carriage Makers, Also by Plumbers and Marble Workers.

Inches	8	9	10	11
Ap. Wt. Per Dozen, Lbs.	4	6	8	9
Nicholson's, Per Dozen	$10.10	12.20	13.70	16.80
Arcade, Per Dozen	10.10	12.20	13.70	16.80

Inches	12	14	16
Ap. Wt. Per Dozen, Lbs.	10	18	26
Nicholson's, Per Dozen	$18.70	24.80	32.90
Arcade, Per Dozen	18.70	24.80	32.90

8 in., One Dozen, 9 to 16 in., One-half Dozen in a Box.

CABINET FILES



Used by Cabinet, Saddle-Tree, Pattern and Last Makers, Also by Gun Stockers and Wood Workers Generally.

Inches	8	9	10	11	12	14
Ap. Wt. Doz., Lbs.	5	7	9	11	14	16
Nicholson's, Doz.,	$10.10	12.20	13.70	16.80	18.70	24.80
Arcade, Doz.,	10.10	12.20	13.70	16.80	18.70	24.80

8 in., One Dozen; 9 to 14 in., One-half Dozen in a Box.

CABINET RASPS

Used by Cabinet, Saddle-Tree, Pattern and Last Makers, Also by Gun Stockers and Wood Workers Generally.

Inches	8	9	10	11	12	14
Ap. Wt. Doz., Lbs.	4	5	6	8	10	16
Nicholson's, Doz.,	$12.80	15.50	17.50	20.70	22.80	29.60
Arcade, Doz.,	12.80	15.50	17.50	20.70	22.80	29.60

8 in., One Dozen; 9 to 14 in., One-half Dozen in a Box.

Horse Rasps.

PLAIN **Discount on Application.** **TANGED**

	Used by Horse Shoers.				Narrow
Inches	12	14	15	16	18
Ap. Wt. Doz., Lbs.	15	20	23	29	40
Heller's, Dozen,	$12.80	17.80	20.90	24.40	24.40
Stokes, Dozen,	12.80	17.80	20.90	24.40	24.40
Milwaukee, Dozen,	12.80	17.80	20.90	24.40	24.40

One-half Dozen in a Box.

Used by Horse Shoers.			
Inches	12	14	16
Ap. Weight Per Dozen, Lbs.	24	30	40
Heller's, Per Dozen	$16.80	23.10	32.20

One-half Dozen in a Box.

Shoe Rasps.

Half Round, Used by Boot and Shoe Makers in Filing and Trimming the Bottom of Boots and Shoes.

Inches	8	9
Approx. Weight Per Dozen, Lbs.	5	8
Nicholson's, Per Dozen	$10.10	12.20
Arcade, Per Dozen	10.10	12.20

One-half Dozen in a Box.

Horse Tooth Rasps.

Half File and Half Rasp, Removable Polished Malleable Iron Frame and Shank, NOT JOINTED, Stained Wood Handle.

Per Dozen

No. 024—File 3½ in. Long, 1 in. Wide, Length Over All 19 in., Weight Per Dozen About 14 Lbs. **$20.00**

One-twelfth Dozen in a Box.

Horse Tooth Rasps.

Half File and Half Rasp, Removable, Polished, Malleable Iron Frame and Shank, JOINTED, Stained Wood Handle.

Per Dozen

No. 023—File 3½ in Long, 1 in. Wide, Length Over All 19 in., Weight Per Dozen About 14 Lbs. **$24.00**

One-twelfth Dozen in a Box.

Half File and Half Rasp, Removable, Polished, Malleable Iron Frame and Shank, JOINTED, ADJUSTABLE HEAD, Stained Wood Handle.

Per Dozen

No. 40—File 3½ in. Long, 1 in. Wide, Length Over All 20 in., Weight Per Dozen About 15 Lbs. ... **$32.00**

One-twelfth Dozen in a Box.

Extra Files.

Per Dozen

No. 1—Extra Half File and Half Rasps, 3½ in. Long, 1 in. Wide, for Nos. 024, 023 and 40 Horse Tooth Rasps, Weight Per Dozen About 2 Lbs. **$4.00**

One Dozen in a Box.

Auger Bit Files.

MOORE'S PATENT

Made Especially for Filing Auger Bits.

Per Dozen

No. 7—7 in., Double Ender, Tempered File Steel, Polished, One End with Flat File and Smooth Edges, the Other End Smooth with File Edges, Length of Cutting Ends 1⅝ in., Width ¼ in., Weight Per Dozen 1¾ Lbs. **$2.25**

One Dozen on a Card.

Surface File Holders.

Polished Malleable Iron Frame, Oiled Wood Handle.

Per Dozen

No. 4—For 12 to 14 in. Files, Weight Per Dozen About 14 Lbs. **$21.35**

No. 5—For 14 to 16 in. Files, Weight Per Dozen About 17 Lbs. **26.65**

No. 4, One-quarter Dozen; No. 5, One-sixth Dozen in a Box.

File Cards.

COLTON'S

Steel Back, Frame and Face, Tempered Steel Wire Bristles, Soft Steel Tapered Pick.

Per Dozen

No. 10—4x2 in., Length Over All 7⅝ in., Weight Per Dozen 2½ Lbs. **$3.90**

One Dozen in a Box.

File Cards.

NICHOLSON'S

Varnished Hardwood Back and Handle, Hardened Steel Wire Brush, Attached to Leather Face, with Cleaner.

Per Dozen

No. 2—4¾x1½ in., Length Over All 10 in., Weight Per Dozen About 4 Lbs. **$4.45**

One-half Dozen in a Box.

File Brushes and Cards.

NICHOLSON'S

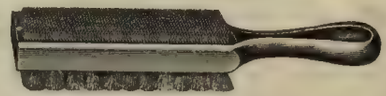
Varnished Hardwood Back and Handle, Hardened Steel Wire Brush Attached to Leather on One Side, Bristle Brush Inserted in Frame on Other Side, with Cleaner.

Per Dozen

No. 4—4¾x1½ in. Face, Length Over All 10 in., Weight Per Dozen About 5 Lbs. **$7.25**

One-half Dozen in a Box.

DISSTON'S



Pressed Steel Handle and Frame, 21 Gauge, Steel Wire Brush Attached to Leather on One Side, Bristle Brush Inserted in Wood Back on Other Side.

Per Dozen

No. 6—5x1½ in. Face, Length Over All 9 in., Weight Per Dozen About 6 Lbs. **$5.60**

One-half Dozen in a Box.

Wrenches.

AGRICULTURAL

No. 750—Forged Iron Bar, Head and Screw, Black Finished, Oil Finish Hardwood Handle.

Length, Inches	6	8	10	12	15
Jaws Open, Inches.....	⅞	1¼	1¾	2⅛	2⅝
Ap. Wt. Per Dozen, Lbs.	9	16	23	30	55
Per Dozen	$4.45	5.35	6.25	7.60	10.70

One-half Dozen in a Package.

COE'S GENUINE IMPROVED, KNIFE HANDLE

No. 550—Forged Tool Steel Bar, Head and Screw, Case-Hardened Jaws, Shank Extending Through to End of Handle, Hardwood Handle, Black Finish.

Length, Inches	6	8	10	12
Jaws Open, Inches.....	⅞	1¼	1¾	2⅛
Ap. Wt. Per Dozen, Lbs.	9	15	25	38
Per Dozen	$9.00	10.00	12.00	14.00

Length, Inches	15	18	21
Jaws Open, Inches.....	2⅝	3	4⅛
Ap. Wt. Per Dozen, Lbs.	57	78	108
Per Dozen	$24.00	30.00	36.00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Package.

P. S. & W. CO.'S, SOLBAR

No. 100P—One Piece Drop Forged Steel Bar and Head, Case Hardened Jaw, Oil Finished Hardwood Handle.

Length, Inches	6	8	10	12
Jaws, Open, Inches.....	⅞	1¼	1¾	2⅛
Ap. Wt. Per Dozen, Lbs.	10	17	28	40
Per Dozen	$9.00	10.00	12.00	14.00

Length, Inches	15	18	21
Jaws Open, Inches.....	2 5/16	3⅛	4
Ap. Wt. Per Dozen, Lbs.	57	84	120
Per Dozen	$24.00	30.00	36.00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Box.

PERFECT HANDLE

No. 640—One Piece Drop Forged Steel Bar and Head, Natural Finish Waterproof Wood Handle.

Length, Inches	6	8	10	12
Jaws Open, Inches.....	1 1/16	1¼	1⅞	2 5/16
Ap. Wt. Per Dozen, Lbs.	11	20	33	46
Per Dozen .....,	$9.00	10.00	12.00	14.00

Length, Inches	15	18	21
Jaws Open, Inches.....	2¾	3⅛	4
Ap. Wt. Per Dozen, Lbs.	76	100	155
Per Dozen	$24.00	30.00	36.00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 and 24 in., One-twelfth Dozen in a Box.

BEMIS & CALL, KNIFE HANDLE

No. 62—Special Open Hearth Forged Steel Bar, One Piece Handle Frame and Bolster, Solid Steel Screw, All Parts Case-Hardened, Black Finish, Selected Hardwood Handle.

Length, Inches	6	8	10	12
Jaws Open, Inches.....	⅞	1¼	1¾	2¼
Ap. Wt. Per Dozen, Lbs.	8½	14½	30	40
Per Dozen	$9.00	10.00	12.00	14.00

Length, Inches	15	18	21
Jaws Open, Inches.....	2⅝	3	4⅛
Ap. Wt. Per Dozen, Lbs.	56	78	109
Per Dozen	$24.00	30.00	36.00

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-half Dozen in a Box.

COE'S GENUINE, STEEL HANDLE

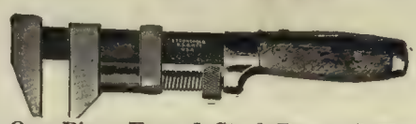
No. 560—Forged Steel Bar, Head and Screw, Case Hardened Jaws, Steel Handle, 12 to 21 in. are Made with Ball Bearing Screw, which prevents it from catching Dirt and Rust.

Length, Inches	10	12	15	18	21
Jaws, Open, Inches.	1¾	2⅛	2⅝	3	4⅛
Ap. Wt. Doz., Lbs..	26	43	62	89	121
Per Dozen	$12.00	14.00	24.00	30.00	36.00

Suitable for use in Steam, Hot or Cold Water, Mud or for Dry Heats. For service where the Wood Handle won't do.

10 to 12 in., One-half Dozen; 15 to 21 in., One-third Dozen in a Package.

P. S. & W. CO.'S, STRONGHOLD



No. 25P—One Piece Forged Steel Bar and Head, Malleable Iron Handle Frame, Hardened Jaw, Black Finish, Hardwood Handle.

Length, Inches	6	8	10	12
Jaws, Open, Inches.....	⅞	1¼	1¾	2⅛
Ap. Wt. Per Dozen, Lbs.	9	16	25	40
Per Dozen	$8.10	9.00	10.80	12.60

Length, Inches	15	18	21
Jaws Open, Inches.....	2 5/16	3⅛	3 15/16
Ap. Wt. Per Dozen, Lbs.	53	80	105
Per Dozen	$21.60	27.00	32.40

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Box.

RAILROAD STEEL HANDLE

No. 800—One Piece Drop Forged Steel Head and Bar, Case-Hardened, Black Finish, Indestructible Steel Handle.

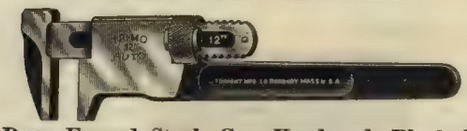
Length, Inches	6	8	10	12
Jaws, Open, Inches.....	⅞	1¼	1¾	2⅛
Ap. Wt. Per Dozen, Lbs.	9	16	27	45
Per Dozen	$8.10	9.00	10.80	12.60

Length, Inches	15	18	21
Jaws Open, Inches.....	2⅝	3	4⅛
Ap. Wt. Per Dozen, Lbs.	60	85	120
Per Dozen	$21.60	27.00	32.40

6 to 12 in., One-half Dozen; 15 and 18 in., One-third Dozen; 21 in., One-twelfth Dozen in a Box.

Wrenches.

TRIMO AUTO MONKEY



All Drop Forged Steel, Case-Hardened, Black Finish.

Per Dozen

No. 27—12 in. Long, Weight Per Dozen About 15 Lbs. **$16.75**

One-half Dozen in a Box.

W. & B. AUTO

One Piece Drop Forged Open Hearth Head and Bar, Case-Hardened and Polished, Steel Handle.

Per Dozen

No. 25—10 in. Long, Jaws Open 1½ in., ⅝ in. Thick Head, Weight Per Dozen 16 Lbs..... **$16.65**

Adapted for Automobile and other work where a Wrench with thin jaws is required.

One-twelfth Dozen in a Box.

Auto Wrenches.

Drop Forged Steel, Black Nickel Finish, Tire Lever Beam.

Per Dozen

No. 9—9 in. Long, 2x⅜ in. Jaws, Jaws Open 2⅛ in., Weight Per Dozen About 12 Lbs. **$5.60**

Adapted for Automobile, Machine and Motorcycle Use.

One-half Dozen in a Box.

Socket Wrench Sets.

All Hexagon Sockets, Mottled Pressed Steel, Case-Hardened, Fitting Standard Sizes of Screws, Nuts and Bolts, For Millwright and Factory Use.

Per Set

No. 7 Set—Consisting of 14 Guaranteed Sockets, One Each 13/32, 15/32, 17/32, 19/32, 5/8, 21/32, 23/32, 25/32, 13/16, 27/32, 29/32, 1, 1 3/32, 1 1/32 in., One 10 in. Offset Socket Wrench Handle and One 10½ in. Take Down T Handle, Socket Wrench Handle, Weight Per Set About 5 Lbs..... **$4.25**

This Set is very applicable for Automobile Adjustments. Also for use in Factories and Mills on power transmission machinery, shafting, pulleys, etc., or when the screw, nuts or bolts are placed in otherwise inacessible position.

One Set in a Box.

Hexagon and Square Sockets, Mottled, Pressed Steel, Case-Hardened, Fitting Various Sizes of Screws, Nuts and Bolts, for Machinists and Factory Workers.

Per Set

No. 9 Set—Consisting of 26 Guaranteed Sockets, **Hexagon**, One Each 15/32, ½, 17/32, 5/8, 21/32, 11/16, 23/32, 25/32, 13/16, 27/32, 7/8, 29/32, 31/32, 1, 1 1/32, 1 3/32, 1 1/16 and 1 3/32 in., **Square**, One Each 13/32, 17/32, 19/32, 21/32, 25/32, 1 1/32, 1 1/16 in., One Ratchet Socket Wrench Handle, One Extension Bar and Screw Driver Bits, Weight Per Set About 7½ Lbs. **$10.00**

This Set is an Ideal Repair and Assembly Set of Socket Wrenches for Factory work.

One Set in a Box.

Hexagon and Square Sockets, Mottled Pressed Steel, Case-Hardened. For Machinists, Automobile Repair Men and Marine Engineers.

Per Set

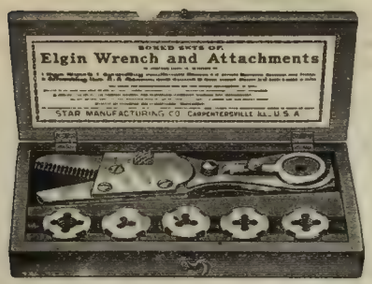
No. 14 Set—Consisting of 37 Guaranteed Sockets, **23 Hexagonal**, One Each 5/16, 3/8, 13/32, 7/16, 15/32, ½, 17/32, 19/32, 5/8, 21/32, 11/16, 23/32, 25/32, 13/16, 27/32, 7/8, 29/32, 31/32, 1, 1 1/32, 1 3/32, 1 1/16, 1 3/32 in., **11 Square**, One Each 13/32, 15/32, 17/32, 19/32, 21/32, 23/32, 25/32, 29/32, 1 1/32, 1 1/16, 1 3/32 in., **3 Spark Plug Sockets**, 29/32, 1 1/32, 1 3/32 in. each 4 in. Long, One Reversible Ratchet Socket Wrench Handle, One 10½ in. Take Down T Handle, Socket Wrench Handle and Extension Bar, One 10 in. Offset Socket Wrench Handle, One 6 in. Grips-All Pipe Wrench, One General Service Double End Wrench Set, Extra Finished, 10 Openings, One Universal Joint, 3 Screw Driver Bits and One Cotter Pin Extractor, Weight Per Set About 16 Lbs..... **$17.00**

The Clever Reversible Handle, the Splendid Range of Sockets (each one guaranteed over any other Socket made), the full set of offset open-ends, the completeness of its equipment, all make the Set a wonderful box of tools.

One Set in a Wooden Box.

Wrenches.

NEW ELGIN ADJUSTABLE, IN SETS



Wrought Steel, Highly Tempered and Finished, Hardened Jaws, Polished and Nickel Plated.

Per Set

No. 102—Elgin Wrench Set, Containing One No. 100 Elgin Wrench, 1 Rethreading Attachment having a ¼ in. Square Insert for Taps, 5 Rethreading Dies of U. S. Standard Bolt Thread, One Each ¼, 5/16, ⅜, 7/16 and ½ in. in 8¾x3⅝x1⅛ in. Strong Ebony Finish Wood Box, Weight Per Set About 1⅝ Lbs.....**$5.90**

One Set in a Box.

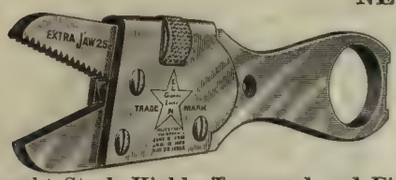
Wrought Steel, Highly Tempered and Finished, Hardened Jaws, Polished and Nickel Plated.

Per Set

No. 103—Elgin Wrench Set, Containing One No. 100 Elgin Wrench, 1 Rethreading Attachment having a ¼ in. Square Insert for Taps, 5 Rethreading Dies of U. S. Standard Bolt Thread, One Each ¼, 5/16, ⅜, 7/16 and ½ in., in 7¾x2¾x1¾ in. Leather Roll, Weight Per Set About 1½ Lbs.....**$5.90**

One Set in a Roll.

NEW ELGIN ADJUSTABLE



Ratchet Threading Attachment.

Wrought Steel, Highly Tempered and Finished, Interchangeable Hardened Jaws, Polished and Nickel Plated.

Per Dozen

No. 100—7 in. Long, 1⅞ in. Wide, Holds Pipe ⅛ to ¾ in. and Round Iron ¼ to ¾ in., without Threading Attachment, Weight Per Dozen About 8 Lbs.....**$13.35**

No. 101—Same as No. 100, with Interchangeable Ratchet Threading Attachment (a Holding Plate, with One Die, Any Size, ¼, 5/16, ⅜, 7/16 or ½ in.), Weight Per Dozen About 8 Lbs. **26.65**

When Ordering No. 101 Wrench, State Size of Die Wanted.

The New Elgin Wrench is made to do the work any 8 in. Wrench will do, whether pipe or nut wrench. The re-threading attachment with interchangeable dies is entirely new. It is a Ratcheting Attachment and will re-thread damaged bolts in corners and angles without removing the bolt from its position to a vise.

EXTRA DIES

For New Elgin Wrench.

Inches...	¼	5/16	⅜	7/16	½
Per Doz..	$6.70	6.70	6.70	6.70	6.70

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

EXTRA INSERTS

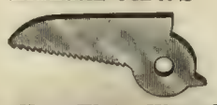
For New Elgin Wrench.

	Square		Hexagon	
Inches	¼	½	¼	½
Per Dozen	$6.70	6.70	6.70	6.70

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

EXTRA JAWS



For New Elgin Wrench.

Per Dozen

No. 10—Interchangeable, Hardened Steel, Nickel Plated...$8.35

Weight Per Dozen About 1 Pound.

Will make an Old Wrench as good as new.

One Dozen in a Box.

Ratchet Wrenches

WIZARD

Drop Forged Blued Steel, Adjustable Hardened Jaws, Right or Left Action.

Per Dozen

No. 165—8 in. Long, Jaws Open 1 in., Weight Per Dozen 25 Lbs. $26.65

This Wrench is especially adapted around Automobiles, Engines and Machinery or in close quarters where no other wrench can be used.

One-twelfth Dozen in a Box.

Nut Wrenches

LIGHTNING

For Bit Brace Use, Hollow Shank, Gun Lock Finish, For Square and Hexagon Nuts.

Per Set

No. 5—In Set of 5 for ¼, 5/16, ⅜, 7/16 and ½ in. Nuts, Weight Per Set 2 Lbs.....**$2.12**

Each

No. 5—Separate Sizes, Weight Each ⅜ Lbs..... .45

These Wrenches are very efficient in putting on and taking off nuts in Carriage Work, Automobile Repairing, etc.

Open Stock.

No. 10—Malleable Iron, for Bit Brace Use, for Square Nut.

Take Nut, In..	¼	5/16	⅜	7/16	½
Opening, In..	½	5/8	¾	13/16	⅞
Each	$0.14	.14	.14	.14	.14

Weight Per Dozen About 2 Pounds.

Per Set

No. 10—In Sets, One Each ¼, 5/16, ⅜, 7/16 and ½ in., Weight Per Set ¾ Lb.....**$0.55**

Open Stock.

Wrenches.

ADJUSTABLE ENGINEERS'

No. 350—CRESCENT, Drop Forged Steel, Hardened, Oil Finished, Polished Jaws.

Length, Inches	4	6	8	10
Jaws Open, Inches	½	¾	1 1/16	1 1/8
Ap. Wt Per Dozen, Lbs.	1½	4	8	14
Per Dozen	$10.00	11.55	14.25	17.80
Length, Inches		12	15	18
Jaws Open, Inches		1 5/16	1 11/16	2 1/16
Ap. Wt. Per Dozen, Lbs.		24	52	84
Per Dozen		$22.25	28.45	40.00

One-twelfth Dozen in a Box.

CARLL

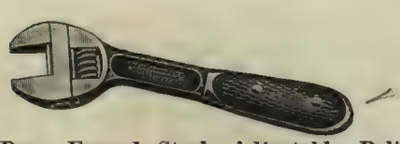
Drop Forged Steel, Hardened and Tempered, Oil Finished, Polished Jaws, Reversible Sliding Jaw.

Nos.	606	610
Length, Inches	6	10
Jaws Open, Inches	1¼	1¾
Approx. Weight Per Dozen, Lbs.	6	14
Per Dozen	$11.10	16.70

The Sliding Jaw being reversible, the Wrench can be used either as a Nut or Pipe Wrench. Sufficient depth is allowed in the Jaws to take Hexagon Nuts.

One-twelfth Dozen in a Box.

ADJUSTABLE STRAIGHT HANDLE
PERFECT HANDLE



No. 642—Drop Forged Steel, Adjustable Polished Sliding Jaw, Natural Finish Waterproof Wood Handle.

Length, Inches	6	8	10
Jaws Open, Inches	¾	1⅛	1⅜
Ap. Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$11.10	13.90	16.70

This Thin Head Wrench is especially adapted for Motorists and Machinists and for places where the ordinary Wrench will not enter.

One-half Dozen in a Box.

ADJUSTABLE "S"
PERFECT HANDLE

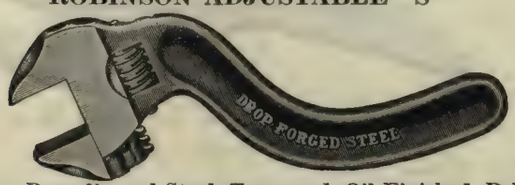
No. 641—Drop Forged Steel, Adjustable Polished Sliding Jaw, Natural Finish Waterproof Wood Handle.

Length, Inches	6	8	10
Jaws Open, Inches	⅞	1⅛	1⅜
Ap. Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$11.10	13.90	16.70

The water-proofed locked in and riveted perfect handle with the swell at the end admits of the most powerful leverage.

One-half Dozen in a Box.

ROBINSON ADJUSTABLE "S"



No. 600—Drop Forged Steel, Tempered, Oil Finished, Polished Jaws.

Length, Inches	6	8	10
Jaws Open, Inches	¾	1⅛	1⅜
Ap. Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$12.00	15.00	20.00

One-half Dozen in a Box.

WESTCOTT ADJUSTABLE "S"

Drop Forged Steel, Hardened All Over, Polished Jaws and Handle, Black Web.

Nos.	406	408	410
Length, Inches	6	8	10
Jaws Open, Inches	¾	1 1/16	1⅛
Ap. Weight Per Dozen, Lbs.	5½	14	23
Per Dozen	$9.55	11.75	13.75

One-half Dozen in a Box.

ADJUSTABLE "S"

No. 230—Drop Forged Steel, Sliding Jaw, Tempered, Jaw Ends Bright Finish, Japanned Handle.

Length, Inches	6	8	10	12	14
Jaws Open, Inches	¾	1	1⅜	1⅝	2
Ap. Wt. Dozen, Lbs.	5½	12	22	33	58
Per Dozen	$7.80	9.70	12.80	16.00	23.35

One-half Dozen in a Box.

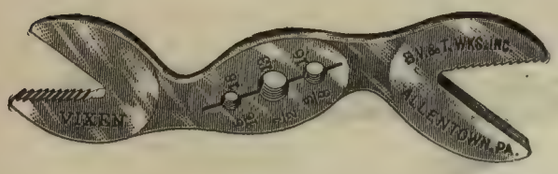
ADJUSTABLE "S" PIPE

No. 250—Drop Forged Steel, Sliding Pipe Jaw, Tempered, Jaw Ends Bright Finish, Japanned Handle.

Length, Inches	6	8	10
Takes Pipe, Inches	⅛ to ½	⅛ to ¾	⅛ to 1
Ap. Weight Per Dozen, Lbs.	5½	13	23
Per Dozen	$8.90	10.90	14.50

One-half Dozen in a Box.

Combination S Wrench.



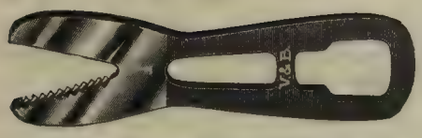
Drop Forged Steel, Tempered, Polished Jaws, Milled Teeth, Ground and Hardened, Blued Finish.

	Per Dozen
No. 200—7¾ in. Long, Jaws Will Take ¼ to 1¼ in. Pipe, Threads $\frac{1}{16}$-18, ⅜-16 and ½-13 U. S. Standard, Weight Per Dozen About 11 Lbs.	$5.80

Designed as a Handy Pocket Tool for use around the Farm or Automobile. The tipped holes in the center are made to restore or clean threads on bolts that have become battered.

One-half Dozen in a Box.

Alligator Wrenches.



Drop Forged Steel, Oil Tempered, Natural Finish.

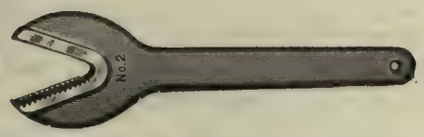
No.	1
Length, Inches	5¾
Holds Pipe, Inches	⅛ to ⅜
Holds Round Iron, Inches	¼ to ¾
Ap. Wt. Per Dozen, Lbs.	3¾
Per Dozen	$1.35

One Dozen in a Box.

Drop Forged Steel, Polished Ribs, Oil Tempered, Natural Finish.

Nos.	10	1¾
Length, Inches	5¾	$7\frac{1}{16}$
Holds Pipe, Inches	⅛ to ⅜	⅛ to ¾
Holds Round Iron, In.	¼ to ¾	⅜ to 1⅛
Ap. Wt. Dozen, Lbs.	4½	9½
Per Dozen	$2.25	3.90

One Dozen in a Box.

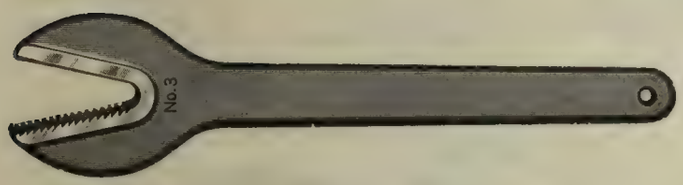


Drop Forged Steel, Polished Ribs, Solid Handle, Oil Tempered, Natural Finish.

No.	2
Length, Inches	9
Holds Pipe, Inches	⅜ to ¾
Holds Round Iron, Inches	½ to 1
Ap. Wt. Per Dozen, Lbs.	12
Per Dozen	$6.00

One Dozen in a Box.

Alligator Wrenches.

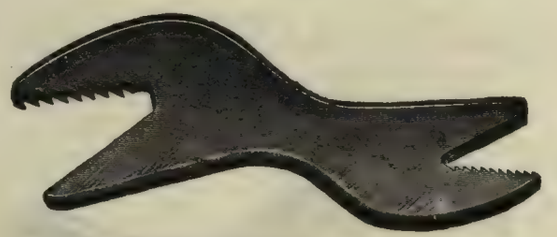


Drop Forged Steel, Polished Ribs, Solid Handle, Oil Tempered, Natural Finish.

Nos.	3	4
Length, Inches	16	22
Holds Pipe, Inches	½ to 1¼	1¼ to 2
Holds Round Iron, Inches	¾ to 1⅜	1½ to 2½
Ap. Weight Per Dozen, Lbs.	40	80
Per Dozen	$12.00	18.00

Open Stock.

Always Ready Wrenches.



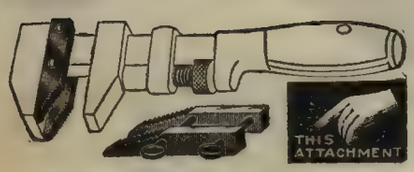
Drop Forged Steel, Polished and Nickel Plated.

Nos.	1AR	2AR	3AR
Length, Inches	5	7	11
Holds Nut or Pipe, Inches.	¼ to ¾	¼ to 1¼	¾ to 1¾
Ap. Wt. Per Dozen, Lbs.	6	12	34
Per Dozen	$4.10	5.60	13.35

One-half Dozen in a Box.

Wrench Attachments.

YANKEE



No. 3—Attachment.

Forged Steel, Tempered and Polished, Milled Teeth, with Thumb Screws.

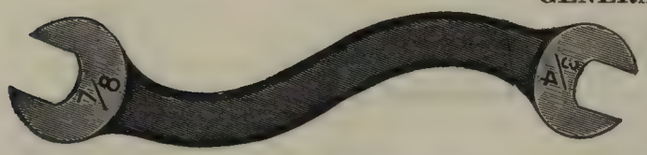
	Per Dozen Pairs
No. 3—For 6 to 15 in. Standard Wrenches, Length 3⅛ in., Width ⅝ in., Thickness $\frac{1}{8}$ in., Holds Pipe ⅛ to 2 in., Weight Per Dozen About 3½ Lbs.	$4.45
No. 1—For 6 to 21 in. Standard Wrenches, Length 3⅝ in., Width ¾ in., Thickness $\frac{5}{16}$ in., Holds Pipe ⅛ to 4 in., Weight Per Dozen About 5 Lbs.	5.60

Makes a Monkey Wrench a Pipe Wrench.

No. 3, One-half Dozen on Card; No. 1, One Dozen in a Box.

Wrenches.

GENERAL PURPOSE



Drop Forged, Milled Openings, UNFINISHED.

Nos.	1000	1010	1020	1030	1040
Length, Inches	6¼	7⅛	8¼	9¼	10⅜
Opening, Inches	⅜ & ½	½ & ⅝	⅝ & ¾	¾ & ⅞	⅞ & 1
For Mfg. St'd Nuts.	3/16 & ¼	¼ & 5/16	5/16 & ⅜	⅜ & 7/16	7/16 & ½
Thickness Head, In.	7/32	¼	5/16	⅜	7/16
Ap. Wt. Doz., Lbs.	2	3⅛	5¼	8	12
Each	$0.11	.14	.18	.23	.28

Nos. 1000 to 1020, One Dozen; Nos. 1030 and 1040, One-half Dozen in a Pasteboard Box.

Per Set

No. 1000P—Unfinished General Purpose Wrenches, in Sets, One Each, Nos. 1000, 1010, 1020, 1030 and 1040 Wrenches, in Pasteboard Box, Weight Per Set About 2½ Lbs.....$0.86

Drop Forged, Case Hardened, Milled Openings, SEMI-FINISHED.

Nos.	500	501	502
Length, Inches	6¼	7⅛	8¼
Oepning, Inches	⅜ & ½	½ & ⅝	⅝ & ¾
For Manufact. Standard Nuts, In.	3/16 & ¼	¼ & 5/16	5/16 & ⅜
Thickness of Head, Inches	7/32	¼	5/16
Approx. Weight Per Dozen, Lbs.	2	3⅛	5¼
Each	$0.16	.20	.27

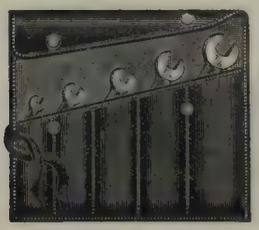
Nos.	503	504	505C
Length, Inches	9¼	10⅜	12
Opening, Inches	¾ & ⅞	⅞ & 1	1⅛ & 1¼
For Manufact. Standard Nuts, In.	⅜ & 7/16	7/16 & ½	½ & ⅝
Thickness of Head, Inches	⅜	7/16	½
Approx. Weight Per Dozen, Lbs.	8	12	15
Each	$0.34	.41	.45

Nos. 500 to 502, One Dozen; Nos. 504 and 505, One-half Dozen in a Pasteboard Box.

Per Set

No. 500P—Semi-Finished General Purpose Wrenches, in Sets, One Each, Nos. 500, 501, 502, 503 and 504 Wrenches, in Pasteboard Box, Weight Per Set About 2½ Lbs.....$1.40

Wrenches in Sets.



GENERAL PURPOSE

In Canvas Bag.

Per Set

No. 500C—Semi-Finished, Drop Forged Case Hardened, Milled Openings in Sets, One Each, Nos. 500, 501, 503 and 504, Packed in Duck Bag, Weight Per Set About 2½ Lbs.....$1.50

No. 1000C—Unfinished, Drop Forged, Case Hardened, Milled Openings, in Sets, One Each Nos. 1000, 1010, 1020, 1030 and 1040 Wrenches, Packed in Duck Bag, Weight Per Set About 2½ Lbs. 1.00

For use around Automobiles, Carriages, Wagons and Farm Implements, also for General Purposes where light and strong Wrenches are desired.

One Set in a Bag.

GENERAL SERVICE SET

Drop Forged Steel, For Light Work, with 12 Milled Openings, For Popular Screw and Nut Sizes.

Per Set

No. 3—Full Finished, Containing 6 Wrenches, Sizes as Shown Below, in Canvas Bag.....$3.25

Contents of Set:

Milled Openings, Inches	3/8 & 7/16	1/2 & 9/16	5/8 & 11/16
Length, Inches	6¼	7⅛	8¼
Thickness, Inches	7/32	¼	5/16
Milled Openings, Inches	¾ & 13/16	⅞ & 1	1⅛ & 1¼
Length, Inches	9¼	10⅜	12
Thickness, Inches	⅜	7/16	½

Weight Per Set About 4½ Pounds.
One Set in a Bag.

ORIGINAL EXTRA CAPACITY SET BIG SIX

Drop Forged Steel, with Milled Openings for 15 Popular U. S. Standard Nuts and Cap Screws. Per Set

No. 4—Full Finished, Containing 6 Wrenches as Described Below in Canvas Bag.....$3.70

Contents of Set:

For Nuts Diam. Bolts		For Cap Screws Diam. Screws		Openings Milled U. S. Standard In.	Extreme Length In.	Thickness Heads In.
Small H'd	Large H'd	Small H'd	Large H'd			
....	¼	¼	5/16	7/16 & ½	4⅞	9/32
....	⅜	⅜	....	9/16 & 11/16	5⅞	11/32
5/16	7/16	....	....	13/32 & 15/32	6⅞	11/32
....	....	7/16	½	⅝ & ¾	6⅞	11/32
½	⅝	⅝	....	⅞ & 1 1/16	7¾	½
....	¾	¾	1	1 & 1¼	11½	9/16

Weight Per Set About 5 Pounds.
One Set in a Bag.

AUTOMOBILE SET

Drop Forged Steel, with Openings Milled for A. L. A. M. Standard Nuts and Cap Screws. Per Set

No. 5—Full Finished, Containing 5 Wrenches as Described Below in Canvas Bag.....$3.30

Contents of Set:

For A.L.A.M. Standard Nuts and Cap Screws Diameter Bolts and Screws, In.	Openings, Milled In.	Extreme Length In.	Thickness Heads In.
¼ & 5/16	⅜ & ½	4	¼
⅜ & 7/16	9/16 & 11/16	5⅞	11/32
½ & 9/16	⅝ & ⅞	7¾	13/32
⅝ & 11/16	15/16 & 1	8¾	7/16
¾ & ⅞	1⅛ & 1¼	11½	9/16

Weight Per Set About 4 Pounds.
One Set in a Roll.

PONY CARRIAGE MAKERS' SET

Drop Forged Steel, for Light Work, with Openings for Manufacturers' Standard Nuts. Per Set

No. 21—Full Finished, Containing 3 Wrenches as Described Below in Canvas Bag.....$1.55

Contents of Set:

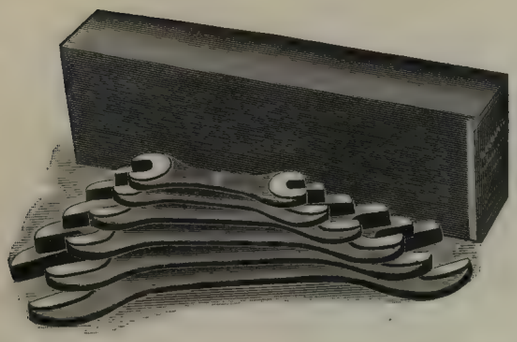
For Manufacturers' Standard Nuts; Size Bolts	Openings Milled In.	Extreme Length In.	Thickness Heads In.
3/16 & ¼	13/32 & ½	6¼	7/32
5/16 & ⅜	5/8 & 11/16	8¼	5/16
7/16 & ½	27/32 & 15/16	10⅜	7/16

Weight Per Set About 2½ Pounds.
One Set in a Roll.

Malleable Wrenches.

BONNEY'S

MACHINERY SET



Malleable Iron, Polished Heads, with 12 Openings from 3/8 to 1 1/4 in. by Sixteenths.

Per Set

No. 133—Set Contains 6 Malleable Machinery Wrenches as Described Below, Weight Per Set About 2 Lbs. **$0.75**

Contents of No. 133 Set.

Opening, In.	3/8 & 7/16	1/2 & 9/16	5/8 & 11/16	3/4 & 13/16	7/8 & 1	1 1/8 & 1 1/4
Length, In..	3 3/8	4 1/8	5 1/8	6 1/8	7 1/8	8 1/8

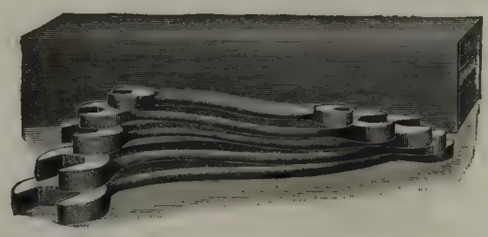
One Set in a Carton.

Each Case of 24 Sets contains a Shop Cap and a Sample Bonney "Jack Rabbit" Wrench, a very hand tool containing openings for 8 different sizes of nuts.

Weight Per Case About 55 Pounds.

24 Sets in a Case.

GENERAL PURPOSE SET



Malleable Iron, Polished Heads with 10 Openings 3/8 to 1 1/8 in.

Per Set

No. 33—Set Contains 5 Malleable General Purpose Wrenches as Described Below, Weight Per Set About 2 1/8 Lbs. **$0.75**

Contents of No. 33 Set.

Opening, In..	3/8 & 1/2	7/16 & 5/8	11/16 & 3/4	13/16 & 7/8	15/16 & 1 1/8
Length, In...	5 1/2	6 1/2	7 3/8	8 3/8	9 1/4

One Set in a Carton.

With each Case of 24 Sets is enclosed a Shop Cap and a Sample of "Bonney Box Tool" which is strong enough to open the heaviest case.

Weight Per Case About 60 Pounds.

24 Sets in a Case.

Eagle Claw Wrenches.

90 Degree Wrench, Tool Steel, Hand Hammered, Black Finish.		
Nos.	40	60
Length, Inches	10	13
Will Take Pipe, Inches	1	1 1/4
Will Take Square Object, Inches	1 1/2	2
Approx. Weight Per Dozen, Lbs.	16	26
Per Dozen	$18.00	22.50

45 Degree Wrench, Tool Steel, Hand Hammered, Black Finish.		
Nos.	30	50
Length, Inches	7	10
Will Take Pipe, Inches	1/2	1
Will Take Square Object, Inches	1	1 1/2
Approx. Weight Per Dozen, Lbs.	9	16
Per Dozen	$13.50	18.00

The Eagle Claw Wrench will easily hold a Round Headed Bolt by the Head to prevent it from turning while unscrewing the nut. Acts as a Plier and does work Pliers cannot do, holding round, square, oblong, hexagon and other shaped objects firmly. Can be used as Pipe Wrench. Unexcelled for Automobile Owners, Mechanics, Repair Men, etc.

One-half Dozen in a Box.

Pipe Wrenches.

BEMIS & CALL'S COMBINATION

No. 43—One Piece Forged Steel Head, Bar and Shank, Interchangeable Parts, Bright, with Short Nut, Hardwood Handle.			
Length, Inches	10	12	15
Holds Pipe, Inches	1/4 to 1	1/2 to 1 3/4	1/2 to 2 1/4
Ap. Weight Per Dozen, Lbs.	26	40	55
Per Dozen	$26.30	29.85	42.30

Each

Extra Dogs—For No. 43 ..... **$0.45**

One-half Dozen in a Box.

No. 45—One Piece Forged Steel Head, Bar and Shank, Interchangeable Parts, Bright, with Long Nut, Hardwood Handle.			
Length, Inches	10	12	15
Holds Pipe, Inches	1/4 to 1	1/2 to 1 3/4	1/2 to 2 1/4
Ap. Weight Per Dozen, Lbs.	26	40	55
Per Dozen	$28.90	32.60	46.30

Each

Extra Dogs—For No. 45 ..... **$0.45**

One-half Dozen in a Box.

Pipe Wrenches.

NEW TRIMO

6 to 14 in. Wood Handle.

18 to 48 in. Steel Handle.

Extra Jaws and Nuts.

Drop Forged Steel, with Nut Guard, Polished Head and Jaws, All Parts Interchangeable.

Length, Open, In..	6	8	10	14	18	24	36	48
Takes Pipe, In....	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Weight Each, Lbs.	½	¾	1½	2¾	4½	7½	16	24
Each	$1.05	1.05	1.20	1.60	2.10	3.20	6.35	9.45

6 to 24 in., Six in a Box; 36 and 48 in., Two in a Box.

EXTRAS FOR NEW TRIMO PIPE WRENCHES

Extra Movable Jaws.

For Wrenches, In.	6	8	10	14	18	24	36	48
Weight Each, Oz.	⅛	¼	½	1	1⅜	2	2⅝	7¼
Each	$0.40	.40	.45	.53	.70	1.10	2.55	3.85

Extra Insert Jaws.

For Wrenches, In...	6	8	10	14	18	24	36	48
Weight Each, Oz...	½	¾	1	2½	3½	5½	9	16
Each	$0.20	.20	.25	.32	.35	.40	.60	.75

Open tSock.

Extra Frames.

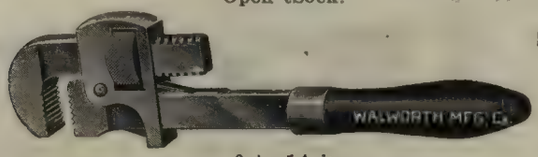
For Wrenches, In...	6	8	10	14	18	24	36	48
Weight Each, Lbs...	⅛	⅛	⅛	⅜	½	⅞	1½	2
Each	$0.20	.20	.22	.27	30	.45	.70	.80

Extra Nuts.

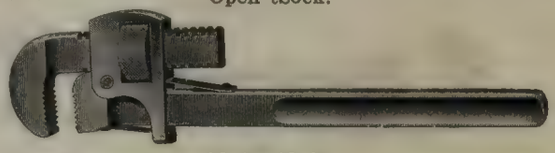
For Wrenches, In...	6	8	10	14	18	24	36	48
Weight Each, Oz....	¼	½	1¼	2½	3¼	4½	13	16
Each	$0.07	07	.09	.10	.12	.20	.30	.52

Open tSock.

STILLSON'S



6 to 14 in.



18 to 48 in.

Drop Forged Tool Steel, Polished Shank, Frame and Jaws, 6 to 14 in. Have Ebony Finish Hardwood Handle, with Shank Extending Through and Nut on End, 18 to 48 in Have Solid Steel Handle, All Parts Interchangeable.

Length, Open, In..	6	8	10	14	18	24	36	48
Takes Pipe, In...	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Weight Each, Lbs.	½	¾	1½	2¾	4½	7½	16	24
Each	$1.00	1.00	1.13	1.50	2.00	3.00	6.00	9.00

6 to 24 in., Six in a Box; 36 and 48 in., Open Stock.

EXTRA FRAMES FOR STILLSON'S WRENCHES

For Wrench, In..	6	8	10	14
Weight Each, Lbs.	⅛	¼	¼	½
Each	$0.20	.20	.23	.28

For Wrench, In..	18	24	36	48
Weight Each, Lbs.	½	¾	1½	2
Each	$0.32	.45	.72	.85

Open Stock.

EXTRA JAWS FOR STILLSON'S WRENCHES

For Wrench, In.	6	8	10	14
Wt. Each, Lbs.	⅛	¼	½	⅞
Each	$0.43	.43	.45	.56

For Wrench, In.	18	24	36	48
Wt. Each, Lbs.	1⅜	2⅛	4⅛	7¼
Each	$0.76	1.18	2.70	4.05

Open Stock.

EXTRA NUTS FOR STILLSON'S WRENCHES

For Wrench, In..	6	8	10	14
Weight Each Oz..	¼	½	1¼	2½
Each	$0.10	.10	.12	.12

For Wrench, In..	18	24	36	48
Weight Each, Oz..	3¼	4½	13	16
Each	$0.13	.20	.32	.55

Open Stock.

COCHRAN

Crucible Tool Steel, Polished Head and Jaw, Black Steel Handle.

Length, Inches....	6	8	10	14
Takes Pipe, In....	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 3½
Weight Each, Lbs.	½	¾	1½	3
Each	$1.05	1.05	1.20	1.60

Length, Inches....	18	24	36
Takes Pipe, In....	⅛ to 2	¼ to 2½	½ to 3½
Weight Each, Lbs.	5	7½	16
Each	$2.10	3.20	6.35

6 to 24 in., Six in a Box; 36 in., Two in a Box.

EXTRA PARTS FOR COCHRAN

For Wrench, Inches....	6	8	10	14	18	24	36
Hook Jaw.....Each,	$0.35	.35	.40	.53	.70	1.08	2.10
Inserted Jaw.....Each,	.14	.14	.18	.27	.30	.38	.53
Rockers .....Each,	.15	.15	.16	.22	.27	.35	.70
Nuts .....Each,	.11	.11	.16	.20	.23	.30	.35
Springs .....Each,	.08	.08	.09	.10	.12	.14	.23

PERFECT HANDLE

No. 643—Drop Forged Steel, Polished Jaws and Frame, Waterproof Natural Finish Wood Handle.

Length, Inches	8	10	14
Takes Pipe, Inches.....	⅛ to ¾	⅛ to 1	¼ to 1½
Weight Each, Lbs.....	⅞	1½	3½
Each	$1.12	1.25	1.70

Length, Inches	18	24
Takes Pipe, Inches.....	¼ to 2	¼ to 2½
Weight Each, Lbs.....	5½	8½
Each	$2.25	3.35

8 to 14 in., Six in a Box; 18 in., Four in a Box.

EXTRA PARTS FOR PERFECT HANDLE

For Wrench, Inches.....	8	10	14	18	24
Movable Hook.....Each,	$0.45	.50	.56	.75	1.20
Knurled Nut .....Each,	.07	.09	.11	.13	.22
Frame or Rocker.....Each,	.23	.25	.30	.35	.50
Spring .....Each,	.02	.02	.02	.03	.03

Open Stock.

Pipe Tongs.

BROWN'S ADJUSTABLE

Forged Tool Steel, Natural Finish, Tempered Jaws, Adjusted by Heavy Wrought Steel Screw.

Nos.	1	1½	2
Length, Inches	14	16	20
For Pipe, Inches	⅛ to ¾	⅜ to 1	½ to 1¼
Weight Each, Lbs.	3	5	7½
Each	$1.25	1.56	1.90

Nos.	3	4	5
Length, Inches	24	36	42
For Pipe, Inches	1 to 2	1½ to 3	2½ to 4
Weight Each, Lbs.	12	23	32
Each	$2.60	5.60	13.25

Open Stock.

Pipe Cutters.

TRIMO

Drop Forged Frame and Cutting Wheels.

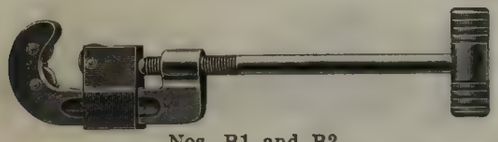
Nos.	T1	T2	T3
Cuts Pipe, Inches	⅛ to 1¼	½ to 2	1¼ to 3
Length, Inches	15¾	17½	19½
Weight Each, Lbs.	4¾	5½	7½
Each	$3.40	4.50	7.50

EXTRA CUTTER WHEELS FOR TRIMO PIPE CUTTERS

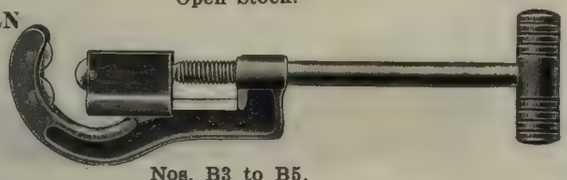
Nos.	T01	T02	T03
For Cutter No.	T1	T2	T3
Weight Each, Oz.	9	15	20
Each	$0.27	.27	.36

Open Stock.

BARNES' PATTERN



Nos. B1 and B2.



Nos. B3 to B5.

Hardened Steel Screw and Frame, Forged Steel Cutters, Tempered and Oil Finished, Japanned Handle.

Nos.	B1	B2	B3	B4	B5
Cuts Pipe, Inches	⅛ to 1	½ to 2	1½ to 3	2½ to 4	4 to 6
Length, Inches	13	16	21	25	34
Weight Each, Lbs.	3	5	8½	13⅝	20
Each	$2.00	2.70	4.50	9.00	13.50

EXTRA CUTTER WHEELS FOR BARNES' PATTERN PIPE CUTTERS

Without Pins.

Nos.	B01	B02	B03	B04	B05
For Cutter No.	B1	B2	B3	B4	B5
Weight Per Dozen, Oz.	12	14	24	24	36
Each	$0.13	.15	.20	.25	.40

Open Stock.

SAUNDER'S PATTERN

Malleable Iron Frame, Tool Steel Cutters, Swing Block with Tool Steel Wearing Point.

Nos.	S1	S2	S3	S4
Cuts Pipe, Inches	⅛ to 1	1 to 2	2 to 3	2½ to 4
Length, Inches	16	20	26	28
Weight Each, Lbs.	3½	6½	12½	16
Each	$1.50	2.25	5.50	9.00

Open Stock.

EXTRA CUTTER WHEELS FOR SAUNDER'S PIPE CUTTERS

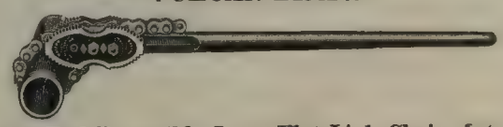
Without Pins.

	Each		Each
No. S01—For No. S1 Cutter, Weight Each About 2 Oz.	$0.14	No. S03—For No. S3 Cutter, Weight Each About 2 Oz.	$0.35
No. S02—For No. S2 Cutter, Weight Each About 2 Oz.	.18	No. S04—For No. S4 Cutter, Weight Each About 2 Oz.	.35

Open Stock.

Chain Pipe Wrenches.

VULCAN BIJAW



Drop Forged, Double End Reversible Jaws, Flat Link Chain, Interchangeable Parts.

Nos.	30	31	32	33	33½	34
Length, Inches	13¾	20	27	37	44½	50½
For Pipe, Inches	⅛ to ¾	⅛ to 1½	¼ to 2½	¾ to 4	1 to 6	1½ to 8
Length of Chain, Inches	9½	13½	17½	22½	31	39
Breaking Strain of Chain, Lbs.	3600	6700	9800	12500	14300	15700
Weight Each, Lbs.	1¾	5¾	10	16	24	31
Each	$2.80	3.90	5.60	7.80	10.00	12.25

EXTRA CHAINS

For Tongs, Nos.	30	31	32	33	33½	34
Each	$1.15	1.50	2.25	3.75	4.90	6.00

EXTRA JAWS

For Tongs, Nos.	30	31	32	33	33½	34
Each	$1.50	2.65	4.10	6.00	7.15	8.25

Open Stock.

Vises.

HAND

No. 142Y—Forged Tool Steel, Oil Finish, Polished Jaws.

Length, Inches	4	4½
Width Jaw, Inches	1⅞	1½
Ap. Wt. Dozen, Lbs.	8	10½
Per Dozen	$12.00	12.00
Length, Inches	5	5½
Width Jaw, Inches	1⅝	1⅞
Ap. Wt. Dozen, Lbs.	15	18
Per Dozen	$14.40	18.00

One-half Dozen in a Box.

PHOENIX CLAMP

Steel Screw, Ground and Polished Jaws and Horn, Body Nicely Japanned, to Clamp to Bench. Per Dozen

No. P1½—1 in. Wide Jaw, Opens 1¼ in., Weight Each 6½ Oz., without Anvil....$ 5.70

No. P1¾—1¼ in. Wide Jaw, Opens 1½ in., Weight Each 10 Oz., with Anvil..... 7.20

No. P2¾—1¾ in. Wide Jaw, Opens 2 in., Weight Each 2¾ Lbs., with Anvil..... 11.60

No. P4½—2½ in. Wide Jaw, Opens 2¾ in., Weight Each 9½ Lbs., with Chilled Jaw and Anvil 27.00

Open Stock.

HAND

No. 145Y—Forged Tool Steel, Oil Finish, Polished Jaws, Enameled Wood Handle.

Inches	4	4½	5
Lgth. Over All, In.	8¼	9	10½
Width Jaw, In.	1⅛	1¼	1⅝
Ap. Wt. Doz., Lbs.	9	13	10
Per Dozen	$17.35	17.35	20.00

One-half Dozen in a Box.

PHOENIX ANVIL

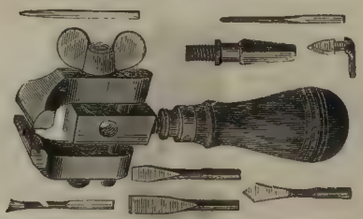
Steel Screw, Ground and Polished Jaws and Horn, Body Nicely Japanned, to Screw to Bench. Per Dozen

No. P2¼—1¾ in. Wide Jaw, Open 2 in., Weight Each 2½ Lbs., with Anvil.....$ 7.10

No. P4—2½ in. Wide Jaw, Open 2¾ in., Weight Each 9 Lbs., with Chilled Jaw and Anvil 22.80

Open Stock.

HAND



Forged and Tempered Steel Jaws, Steel Screw, Polished and Nickel Plated, Detachable Wood Handle. Per Dozen

No. 200—Length 6¾ in., Width of Jaw 1¼ in., Jaws Open 1⅛ in., Weight Per Dozen About 12 Lbs. $35.75

The Detachable Handle with Screw Cap contains Chisel, Screw Driver, Countersink, Square Reamer, Brad Awl, Scratch Awl and Washer Cutter.

One-twelfth Dozen in a Box.

PHOENIX SWIVEL BASE

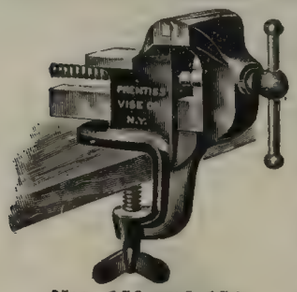
Steel Screw, Chilled and Hardened Jaws and Anvil, Slotted Base, Fastens to Bench by a Bolt and Wing Nut, Japanned Body. Per Dozen

No. 10—3 in. Wide Jaws, Opens 3½ in., Weight Each 11 Lbs. $35.45

Adapted to the use of Farmers and Amateur Mechanics.

Open Stock.

SHEPARD TABLE CLAMP



Nos. 152 and 154.

SHEPARD TABLE CLAMP

Wrought Steel Sliding Bars, Screws and Levers, Hardened and Checked Jaws, Polished Anvil. Each

No. 152—1½ in. Wide Jaws, Opens 1½ in., Wt. 1½ Lbs..$0.40

No. 154—2 in. Wide Jaws, Opens 2 in., Wt. 3 Lbs.. 1.00

SHEPARD LARGE CLAMP

Wrought Steel Sliding Bar, Screw and Levers, Hardened and Checked Jaws, Polished, with Extra Seat on Base. Each

No. 156—2¾ in. Wide Jaws, Opens 3½ in., Wt. 9 Lbs....$2.15

The Extra Base is screwed to the bench, vise is then placed on it and thumb screw tightened. The depression in the base fits vise perfectly and the latter is held in place rigidly.

SHEPARD LARGE CLAMP

No. 156.

BONNEY'S

Cast Iron, Black Enameled, Iron Jaws, Semi-Steel Screws, Cut Threads. Per Dozen

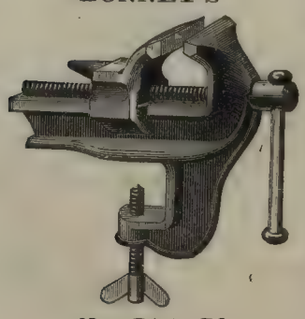
No. B1 —1½ in. Jaws, Opens 2¼ in., Ap. Weight Per Dozen 15 Lbs..$5.00

No. B1½—1¾ in. Jaws, Opens 2¼ in., Ap. Weight Per Dozen 18 Lbs.. 6.70

No. B2 —2 in. Jaws, Opens 2½ in., Ap. Weight Per Dozen 21 Lbs.. 8.70

Made for General Household and Family Use. Open Stock.

BONNEY'S



Nos. B1 to B2.

BONNEY'S ASSORTMENT Per Set

No. 2B—Contains 12 Bonney Vises as Enumerated Below, with Sample Stand, Weight Per Assortment Packed About 60 Lbs.....$14.70

Contents of Assortment:

3 No. 1—Bonney Vises, 1½ in. Jaw, Weight Each 1¼ Lbs.

4 No. 2—Bonney Vises, 2 in. Jaw, Weight Each 1¾ Lbs.

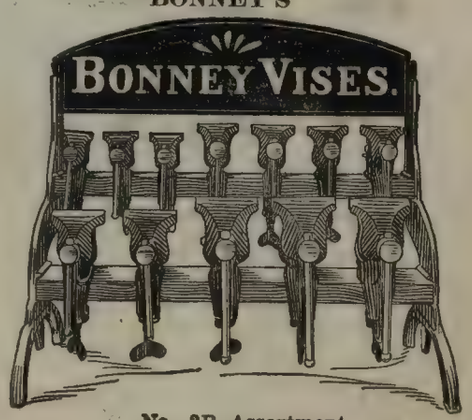
2 No. 3—Bonney Vises, 2¼ in. Steel Jaws, with Swivel Jaw, Weight Each 2¾ Lbs.

2 No. 4—Bonney Vises, 2¾ in. Iron Jaw, Weight Each 4½ Lbs.

1 No. 7—Bonney Vise, 2¾ in. Steel Jaw, with Swivel Jaw, Weight Each 4½ Lbs.

One Set in a Box.

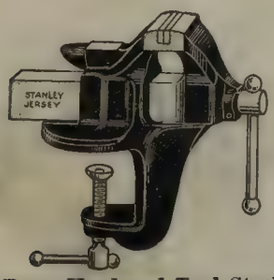
BONNEY'S



No. 2B Assortment.

Jersey Vises.

STANLEY



Clamp Base, Hardened Tool Steel Jaws, Japanned.

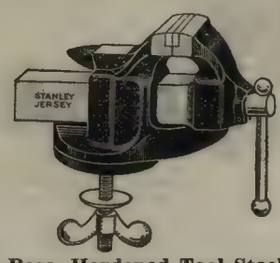
Nos.	662	663	664	665
Jaws, Inches..	1¾	2	2¼	2½
Wt. Each, Lbs.	3½	4½	6	9¼
Each	$2.12	2.60	3.15	4.00

One in a Box.

Stationary Base, Hardened Tool Steel Jaws, Japanned.

Nos.	652	655
Jaws, Inches.	1¾	2½
Weight Each, Lbs.	3¼	8
Each	$1.80	3.55

One in a Box.



Swivel Base, Hardened Tool Steel Jaws, Japanned.

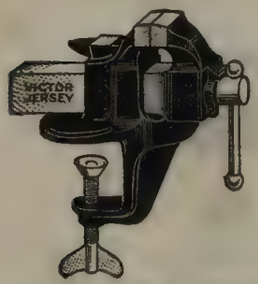
No.	675
Jaws, Inches	2½
Weight Each, Lbs.	9¼
Each	$4.45

One in a Box.

Stanley "Jersey" Vises are made especially for Jewelers and makers of small tools. They are strong and substantial. Only the best materials are employed in their construction, great care being taken to see that all parts fit accurately.

The **Screw** (body, head and collar) is turned from one piece of cold rolled steel, and has a square, lathe-cut thread. **The Jaws** are steel faced, hardened, and are ground to insure that they meet squarely when tightened. Both back and front jaws are filed to a fit.

VICTOR

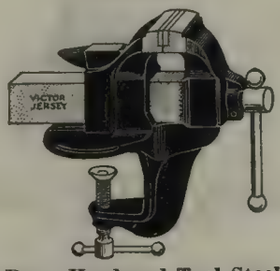


Clamp Base, Plain Iron Jaws.

Nos.	741	742	743
Jaws, Inches.	1½	1¾	2
Wt. Each, Lbs.	3	3¼	3½
Each	$1.00	1.30	1.55

Nos.	744	745	746
Jaws, Inches.	2¼	2½	3
Wt. Each, Lbs.	4	5	8¾
Each	$2.00	2.35	3.20

One in a Package.



Clamp Base, Hardened Tool Steel Jaws.

Nos.	761	762	763
Jaws, Inches.	1½	1¾	2
Wt. Each, Lbs.	3	3¼	3½
Each	$1.35	1.70	2.00

Nos.	764	765	766
Jaws, Inches.	2¼	2½	3
Wt. Each, Lbs.	4	5	8¾
Each	$2.35	2.80	3.80

One in a Package.

Swivel Base, Hardened Tool Steel Jaws.

Nos.	772	773	774
Jaws, Inches.	1¾	2	2¼
Wt. Each, Lbs.	3	3½	4½
Each	$1.70	2.00	2.55

Nos.	775	776
Jaws, Inches.	2½	3
Wt. Each, Lbs.	5½	9½
Each	$3.15	4.20

One in a Package.

Victor "Jersey" Vises, while not having quite as fine a finish as the Stanley lines are strong, serviceable tools, and have long been popular with both Mechanics and Amateurs. The Screw (body, head and collar) is in one piece, turned from cold rolled steel, and has a square, lathe-cut thread. The steel jaws are hardened, and all jaws are ground to insure that they meet squarely when tightened. Both back and front jaws are filed to a fit.

Vise Assortments.

VICTOR "JERSEY"

Cast Iron Standards, Black Painted, Maple Ring and Base Board.

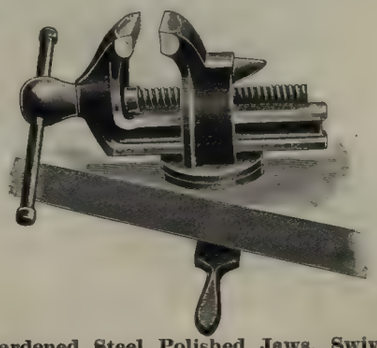
Per Assortment

No. 12 Assortment—Consists of Two Each Nos. 741, 742 and 743, One Each Nos. 744, 745, 746, 761, 763 and 772 Japanned Victor "Jersey" Vises and Attractive Display Stand, Weight Complete 64 Lbs. $20.00

One Assortment in a Box.

Farmer Vises.

BONNEY'S



Hardened Steel Polished Jaws, Swivel Base, Polished Anvil, Maroon Enameled.

Nos.	300	400
Size of Jaw, Inches.	3	4
Jaws Open, Inches.	4	5
Ap. Wt. Each, Lbs.	16	26½
Each	$5.60	7.80

Open Stock.

Oval Slide Vises.

Steel Faced Jaws, Japanned.

Nos.	OS00	OS0	OS1	OS2
Size Jaw, In.	2½	2¾	3	3½
Jaws Open, In.	3	3¾	4	4¾
Wt. Each, Lbs.	5	7	10½	19
Each	$1.75	1.90	2.25	3.35

Nos.	OS3	OS4	OS5
Size Jaw, In.	4⅛	4½	5
Jaws Open, In.	4¾	5½	6½
Wt. Each, Lbs.	27	40	56
Each	$4.25	5.60	7.25

Open Stock.

Vises.

SIMPSON'S

Clamp Bottom, Smooth Face, Tempered Steel Jaws, Quick Acting, for Jewelers and Artisans.

Nos.	S0	S2
Size of Jaw, Inches..	1⅛	2⅛
Jaws, Open, Inches..	1¼	2
Ap. Wt. Each, Lbs...	1½	5¾
Each	$1.70	3.70

Open Stock.

Swivel Bottom, Smooth Face, Tempered Steel Jaws, Quick Acting, for Jewelers and Artisans.

No.	S10
Size of Jaw, Inches	2⅛
Jaws Open, Inches	2
Ap. Weight Each, Lbs	6¼
Each	$4.70

Open Stock.

No. 62.

Clamp Bottom, Smooth-Faced, Tempered Steel Jaws, for Amateurs.

Nos.	S60	S62
Size of Jaw, Inches...	1½	2
Jaws Open, Inches...	1¾	2¼
Ap. Wt. Each, Lbs...	1¾	3¼
Each	$0.90	1.80

No. 62 has Steel Swivel Jaw Attachment as shown in Cut.

Open Stock.

Bolt Bottom, Check Faced, Tempered Steel Jaws, for Farmers and Others Who Want a Cheap Strong Vise.

Nos.	S70	S71
Size of Jaw, Inches..	3½	4
Jaws Open, Inches...	4	5
Ap. Wt. Each, Lbs...	12	22
Each	$3.50	5.50

Open Stock.

Stationary Bottom, Check Faced Tempered Steel Jaws, Quick Acting, for Machinists.

Nos.	S29	S30	S31
Jaws, Inches ...	3	3½	4
Open, Inches ...	3¼	4	5
Wt. Each, Lbs.	15½	26	37
Each	$7.35	9.35	11.35

Nos.	S32	S33
Jaws, Inches ...	4½	5
Open, Inches ...	5¾	6½
Wt. Each, Lbs..	49	64
Each	$13.35	17.35

Open Stock.

Swivel Bottom, Check Faced, Tempered Steel Jaws, Quick Acting, for Machinists.

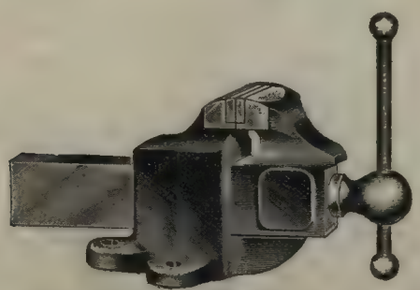
Nos.	S11	S12	S13
Jaws, Inches ...	2½	3	3½
Open, Inches ...	2¾	3¼	4
Wt. Each, Lbs..	9½	17½	28
Each	$6.70	9.35	11.70

Open Stock.

Nos. S29 to S13 Vises are operated in the same manner as an ordinary Screw Vise, or they can be instantly opened or closed the full length by a single movement of the hand without the use of the Screw, the Screw being used merely to give the grip after adjusting the Jaws to the work, thus combining a quick adjustment with all the advantages of the best Screw Vise.

By slightly raising the front jaw, the Screw and Nut are disengaged; the Jaw can be moved in or out as may be required to adjust it to its work, and on removing the hand, it instantly drops into place, the screw and nut again become engaged, and a single turn of the screw gives the required grip.

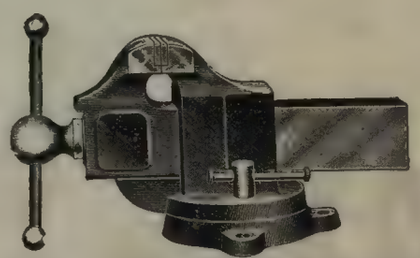
STANDARD



Stationary Bottom, Parallel Solid Jaws, for Machinists.

Nos.	500	510	520	530	540	550	560
Size of Jaws, In.	3½	4	4½	5	5½	6	6½
Jaws, Open, In.	4½	5½	6½	7	8	9½	10½
Wt. Each, Lbs.	24	30	45	56	74	104	137
Each	$5.40	6.30	7.65	9.00	11.70	16.65	22.50

Open Stock.



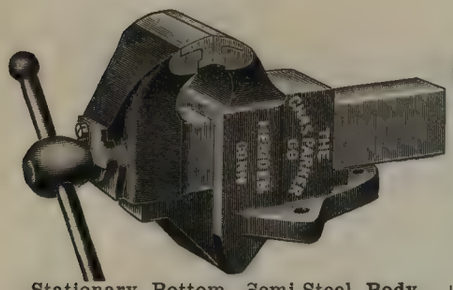
Swivel Bottom, Parallel Solid Jaws, for Machinists.

Nos.	900	910	920	930	940	950	960
Size of Jaws, In.	3½	4	4½	5	5½	6	6½
Jaws, Open, In.	4½	5½	6½	7	8	9½	10½
Wt. Each, Lbs.	28	38	52	65	90	117	158
Each	$6.75	7.90	9.45	11.25	14.40	19.80	27.00

Open Stock.

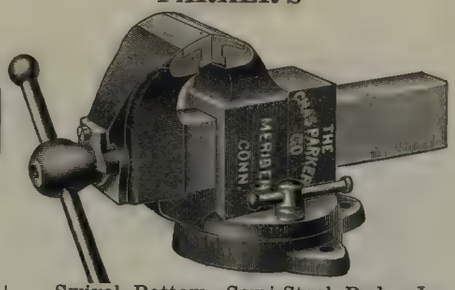
Vises.

PARKER'S



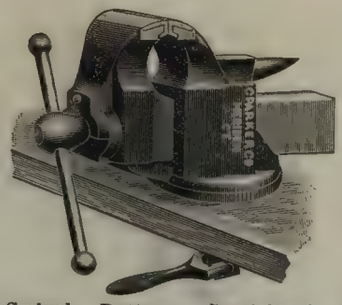
Stationary Bottom, Semi-Steel Body, Japanned, Polished Milled Steel Faced Jaws, Polished Slide and Screw Head.

Nos.	3-0X	1X	2X	3X
Jaws, In..	3¼	3¾	4¼	4¾
Open, In..	4¼	5½	6½	8¼
Wt. Ea., Lbs.	29	45	58	73
Each	$11.10	12.45	16.00	20.90



Swivel Bottom, Semi-Steel Body, Japanned, Polished Milled Steel Faced Jaws, Polished Slide and Screw Head.

Nos.	21X	22X	23X
Jaws, Inches	3¼	3¾	4¼
Open, Inches	4¼	5½	6½
Wt. Each, Lbs.	33	52	69
Each	$12.45	15.60	19.60

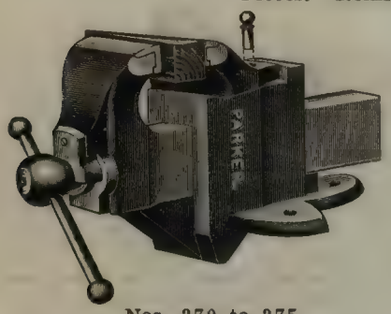


Swivel Bottom, Semi-Steel Body, with Cast Steel Anvil, Japanned, Milled Steel Faced Jaws, Polished Slide and Screw Head.

Nos.	P19	P20
Jaws, Inches	2	2¼
Open, Inches	2¼	2¼
Wt. Each, Lbs.	8	8½
Each	$7.10	8.90

PARKER'S MACHINISTS'

Semi-Steel Body, Japanned, Self-Adjusting Back Jaws, which Automatically Adapt Themselves for Holding Wedge-Shaped Pieces. Reinforced Slide, Solid Steel Bar, Polished Jaws, Slide and Screw Head.

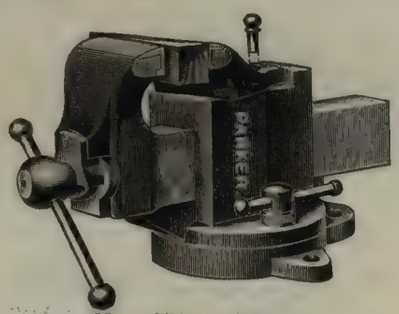


Nos. 370 to 375.

Stationary Bottom.

Nos.	370	371	371½	372
Jaws, Inches	3¼	3⅝	4	4½
Open, Inches	3⅜	5	5	6
Wt. Each, Lbs.	25	40	43	59
Each	$11.60	12.50	16.00	17.80

Nos.	373	374	375
Jaws, Inches	5	5½	6¼
Open, Inches	7	9	9¾
Wt. Each, Lbs.	73	98	150
Each	$24.90	30.20	42.70



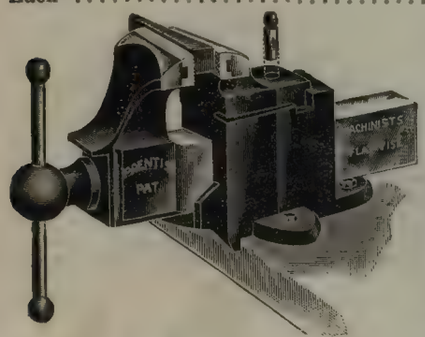
Nos. 270 to 275.

Swivel Bottom.

Nos.	270	271	271½	272	273	274	275
Jaws, Inches	3¼	3⅝	4	4½	5	5½	6¼
Open, Inches	3⅜	5	5	6	7	9	9¾
Weight Each, Lbs.	32	49	54	69	86	117	170
Each	$12.50	15.10	18.65	22.25	28.50	33.75	48.00

PRENTISS' MACHINISTS'

Cast Iron Body, Japanned, Polished Jaws and Slide Bar, Steel Faced Jaws, Self-Adjusting Back Jaw.

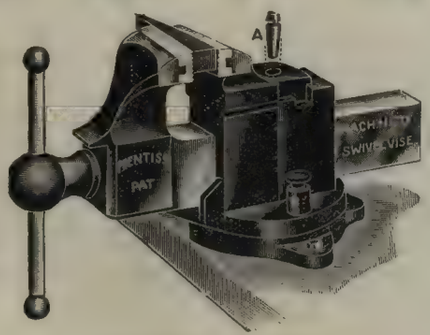


Nos. PM1 to PM6.

Stationary Bottom.

Nos.	PM1	PM2	PM3
Jaws, Inches	2⅝	3½	4½
Open, Inches	3½	4¾	6
Wt. Each, Lbs.	13½	28	54
Each	$9.20	11.70	17.50

Nos.	PM4	PM5	PM6
Jaws, Inches	5¼	6	7
Open, Inches	8	9	11
Wt. Each, Lbs.	96	146	184
Each	$28.35	40.00	50.00



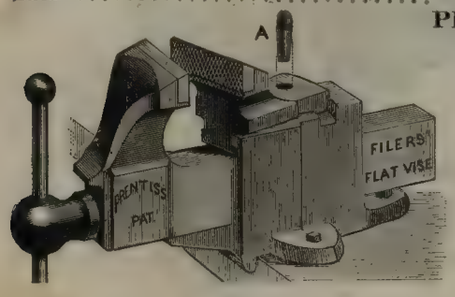
Nos. PM18 to PM23.

Swivel Bottom.

Nos.	PM18	PM19	PM19½	PM20	PM21	PM22	PM23
Jaws, Inches	2⅝	3½	4	4½	5¼	6	7
Open, Inches	3½	4¾	5¼	6	8	9	11
Weight Each, Lbs.	17	32	46	65	109	168	207
Each	$11.25	14.20	17.50	20.85	31.70	45.00	58.35

PRENTISS' FILERS' OR FINISHERS'

Cast Iron Body, Japanned, with Lean High Jaws, Long Arm and Large Throat, Polished Jaws and Slide Bar, Steel Faced Jaws, Self-Adjusting Back Jaw.



No. PF42.

Stationary Bottom.

Each

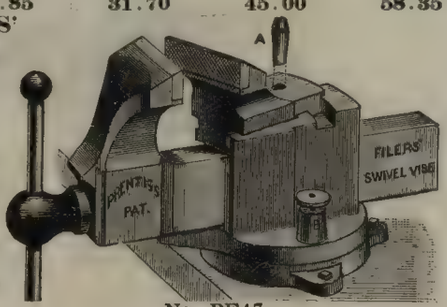
No. PF42—4¼ in. Jaws, Opens 5¼ in., Weight Each 42 Lbs. $13.35

Swivel Bottom.

Each

No. PF47—4¼ in. Jaws, Opens 5¼ in., Weight Each 47 Lbs. $16.70

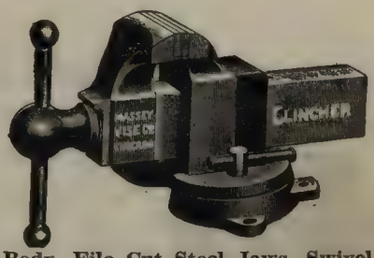
Open Stock.



No. PF47.

Vises.

MASSEY "CLINCHER" MACHINISTS'



Cast Iron Body, File Cut Steel Jaws, Stationary Bottom.

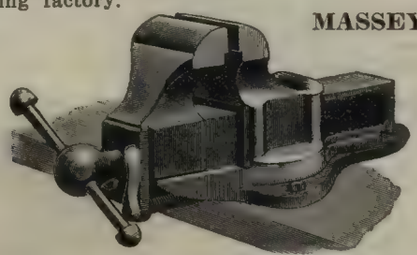
Nos.	M30	M31	M32	M33
Jaws, Inches	3¼	3⅝	4⅛	4⅝
Open, Inches	4	5	5½	6¼
Weight Each, Lbs.	22	29	40	55
Each	$6.70	7.80	9.45	11.10
Nos.	**M34**	**M35**	**M36**	**M37**
Jaws, Inches	5	5⅝	6	7
Open, Inches	7	8½	9½	11
Weight Each, Lbs.	70	100	135	185
Each	$14.45	19.45	27.80	38.85

Cast Iron Body, File Cut Steel Jaws, Swivel Bottom.

Nos.	M130	M131	M132	M133
Jaws, Inches	3¼	3⅝	4¼	4⅝
Open, Inches	4	5	5½	6¼
Weight Each, Lbs.	28	36	52	64
Each	$8.35	9.75	11.65	13.90
Nos.	**M134**	**M135**	**M136**	**M137**
Jaws, Inches	5	5⅝	6	7
Open, Inches	7	8½	9½	11
Weight Each, Lbs.	85	115	150	205
Each	$17.80	23.35	33.35	44.50

The Jaws of the Massey Clincher Vises are file cut in order to hold the work between them more firmly. These Vises are built to withstand rough usage and are reinforced at points of greatest strains. Each Vise undergoes a rigid inspection before leaving factory.

MASSEY'S PERFECT MACHINISTS'



Cast Iron Body, Quick Acting Screw, File Cut Steel Jaws.

	Stationary Bottom.				
Nos.	M0	M1	M2	M3	M4
Size of Jaws, In.	3⅝	4½	5	5½	6¼
Jaws Open, In.	4½	5½	6	8	9
Wt. Each, Lbs.	32	42	70	109	140
Each	$13.90	16.90	20.45	31.10	40.90

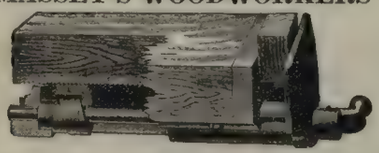
	Swivel Bottom.				
Nos.	M0S	M1S	M2S	M3S	M4S
Size of Jaws, In.	3⅝	4⅛	5	5½	6¼
Jaws Open, In.	4½	5½	6	8	9
Wt. Each, Lbs.	40	50	78	118	150
Each	$15.60	18.65	22.25	34.65	44.50

The Nut of the Perfect Vise is instantly disengaged from the Screw by compressing the Trigger against the Screw Head. This allows an immediate adjustment to the work. By releasing the Trigger the Nut is forced into engagement with the Screw and a quarter turn of the handle fastens the work firmly between the Jaws.

The Nut and the Screw have an undercut thread and the greater the pressure on the Screw the more tightly they engage.

Open Stock.

MASSEY'S WOODWORKERS'



Lightning Grip, Quick Acting, Iron Frame and Jaws, Steel Rod with Milled Teeth. Each

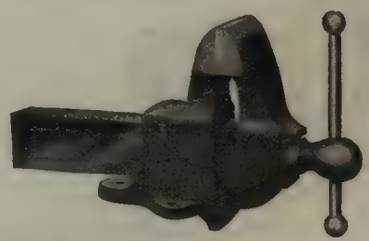
No. M19—7 in. Wide Jaws, Opens 7 in., Weight Each 29 Lbs. ..... $ 7.15

No. M17—9 in. Wide Jaws, Opens 12 in., Weight Each 47 Lbs. 10.65

Three pieces of wood, 2 in., 6 in. and 12 in. can be fastened between the jaws in 10 seconds. A quarter turn of the handle at any desired opening gives a certain positive grip.

Open Stock.

YOST COACHMAKERS'



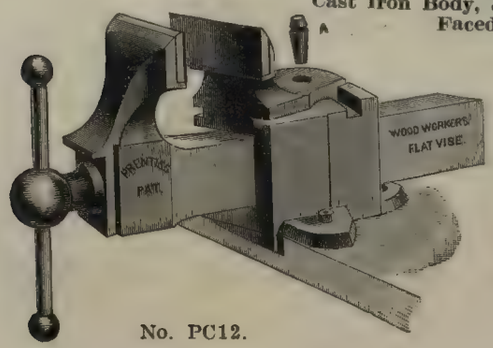
Cast Iron Body, Smooth Steel Solid Jaws, Especially Designed for Wood Workers, Carriage Builders and Carpenters. Each

No. 502—4½ in. Jaw, Opens 9 in., Weight Each 47 Lbs. $11.10

Open Stock.

PRENTISS' COACHMAKERS'

Cast Iron Body, Japanned, Polished Jaws and Slide Bar, Steel Faced Jaws, Self-Adjusting Back Jaw.



No. PC12.

Stationary Bottom. Each

No. PC12—3½ in. Jaw, Opens 7 in., Weight Each 30 Lbs. $13.35

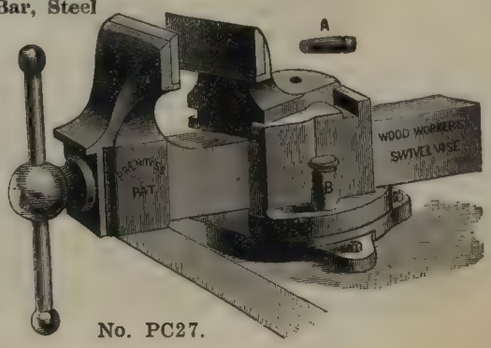
No. PC10—4½ in. Jaw, Opens 9½ in., Weight Each 59 Lbs. 18.35

Swivel Bottom. Each

No. PC27—3½ in. Jaw, Opens 7 in., Weight Each 34 Lbs. $15.85

No. PC26—4½ in. Jaw, Opens 9½ in., Weight Each 67 Lbs. 21.65

Open Stock.



No. PC27.

Vises.

ABERNATHY RAPID ACTING WOOD WORKER VISES

No. 30.

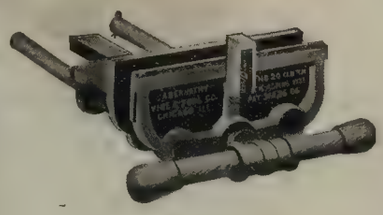
Tip Top Clutch Vises, with ⅞ in. Round Steel Slides.
Standard Cabinet and Patternmaker's Size.

	Each
No. 30—10 in. Jaws, 4 in. Deep, Opens 9 in., Weight Each 31 Lbs.	**$8.00**
No. 30D—10 in. Jaws, 4 in. Deep, Opens 9 in., **with Adjustable Dog,** Weight Each 31 Lbs.	**8.70**

Manual Training School Special.

	Each
No. 20—10 in. Jaws, 3 in. Deep, Opens 9 in., Weight Each 28 Lbs.	**$6.70**
No. 20D—10 in. Jaws, 3 in. Deep, Opens 9 in., **with Adjustable Dog,** Weight Each 28 Lbs.	**7.35**

Open Stock.



No. 20D.

ROLLER NUT VISES

No. 80.

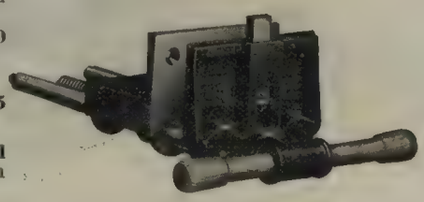
Rapid Acting, Continuous Screw
Standard Cabinet and Patternmaker's Size.

	Each
No. 80—10 in. Jaws, 4 in. Deep, Opens 12 in., Weight Each 35 Lbs.	**$8.70**
No. 80D—10 in. Jaws, 4 in. Deep, Opens 12 in., **with Adjustable Dog,** Weight Each 35 Lbs.	**9.35**

For Manual Training School, Home Shop and Tail Vise Equipments.

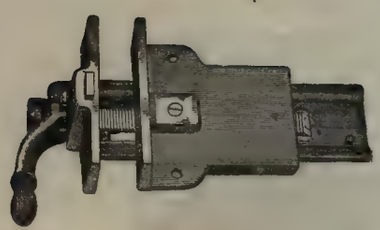
	Each
No. 70—7 in. Jaws, 4 in. Deep, Opens 9 in., Weight Each 26 Lbs.	**$7.35**
No. 70D—7 in. Jaws, 4 in. Deep, Opens 9 in., **with Adjustable Dog,** Weight Each 36 Lbs.	**8.00**

Open Stock.



No. 70D.

SHELDON'S RAPID ACTING WOOD WORKER VISES

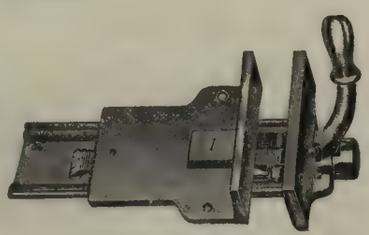


No. 3.

Iron Frame, Forged Steel Rack Accurately Milled, Milled Teeth, Malleable Cam and Handle.

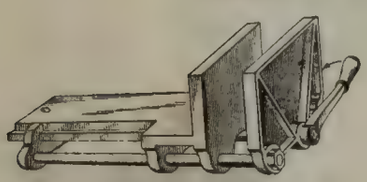
	Each
No. 3—7½ in. Jaws, 3 in. Deep, Opens 8½ in., Weight Each 27 Lbs., with **Steel Dog in Outer Jaw**	**$6.70**
No. 4—7½ in. Jaws, 3 in. Deep, Opens 9 in., Weight Each 25 Lbs.	**6.30**
No. 5—8 in. Jaws, 3½ in. Deep, Opens 12 in., Weight Each 30 Lbs.	**8.00**

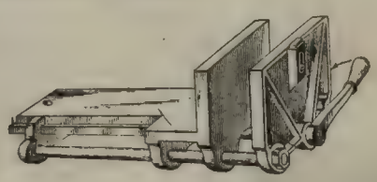
Open Stock.



Nos. 4 and 5.

MASSEY'S PARALLEL BAR WOOD WORKERS' VISES





Cut Shows Lightning Grip.

Lightning Grip, Quick Acting, Iron Frame and Jaws, Steel Rack with Milled Teeth.

	Each
No. 23—8 in. Wide Jaws, Opens 8 in., Weight Each 31 Lbs.	**$ 8.35**
No. 24—10 in. Wide Jaws, Opens 12 in., Weight Each 39 Lbs.	**10.00**

Lightning Grip, Quick Acting, Iron Frame and Jaws, Steel Rack with Milled Teeth, Stop in Front Jaw.

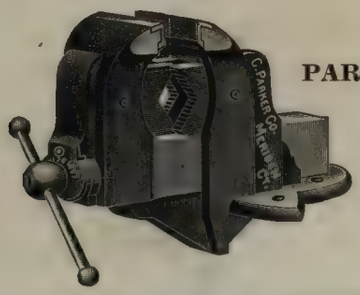
	Each
No. 23A—8 in. Wide Jaws, Opens 8 in., Weight Each 32 Lbs.	**$ 9.60**
No. 24A—10 in. Wide Jaws, Opens 12 in., Weight Each 40 Lbs.	**11.25**

The sliding bars of this vise are supported at their ends by a carrier which slides on the ways of the stationary jaw. This construction keeps the jaws parallel and prevents lost motion laterally.

Open Stock.

Vises.

PARKER'S COMBINATION PIPE



Semi-Steel Castings, Japanned, Polished Renewable Milled Steel Faces Fitted to Jaws, Round and Pipe Jaws, Polished Slide and Screw Head.

Stationary Bottom.

Nos.	88½	89½
Size of Jaws, Inches	4¾	5⅝
Holds Pipe up to, Inches	4	6
Jaws Open, Inches	6½	9½
Weight Each, Lbs.	94	141
Each	$28.00	35.00

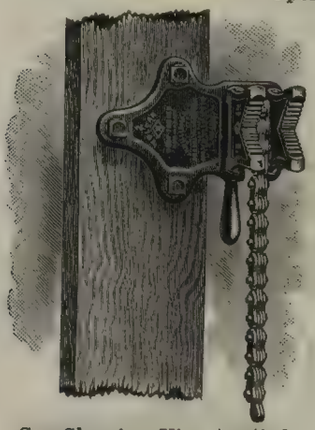
Open Stock.

Semi-Steel Castings, Japanned, Polished Renewable Milled Steel Faces Fitted to Jaws, Round and Pipe Jaws, Reinforced Solid Steel Slide Bar, Polished Slide and Screw Head, Patent Expansion Ring Swivel Operated from Side of Vise.

Swivel Bottom.

Nos.	87X	88X
Size of Jaws, Inches	3⅝	4⅛
Holds Pipe up to, Inches	2	3
Jaws Open, Inches	4¾	6
Weight Each, Lbs.	41	59
Each	$16.00	20.00

Open Stock.



Cut Showing Vise Applied to a Post.

VULCAN CHAIN PIPE

Wrought Steel, Drop Forged Saw Tempered Jaws, Hand Made Vulcan Chain Pipe Wrench Chains, All Parts are Interchangeable and Warranted.

Nos.	V1	V2	V4
For Pipe, Inches	⅛ to 2	¼ to 4	¾ to 8
Size When Folded, Inches.	4x5x6	6x8x8	8x10x12
Weight Each, Lbs.	4	10	30
Each	$4.70	8.70	24.00

These Vises are unbreakable, compact, rapid in action and positive in gripping pipe. All are equally serviceable and suitable for fastening to bench or post. The smaller sizes are well adapted for carrying by hand or in tool bag.

Adjustment is quickly effected by slightly turning the screw, and further quick adjustment is gained by engaging the projecting rivets of chain with a series of bosses on base.

Open Stock.

Cut Showing Vise Applied to a Bench.

MARK KIT PIPE

Vise with Attachment.

Vise without Attachment.

Malleable Iron Yoke, Base and Slide, Self-Locking Latch, Steel Jaws and Screw, Polished.

Each

No. MK1—Capacity ⅛ to 2 in., Complete with Removable Attachment, Weight Each 7¾ Lbs. **$2.80**

No. MK2—Capacity ⅛ to 2 in., without Attachment, Weight Each 6 Lbs. **2.25**

This Vise is particularly handy for threading pump rod in the field, as it can be attached in a few moments to the tail board of a wagon.

Open Stock.

ARMSTRONG JUNIOR PIPE

Hinged Malleable Iron Frame, Interchangeable Hardened Steel Jaws, Machinery Steel Screw.

Each

No. A100—Capacity ⅛ to 1¼ in., Weight Each 3 Lbs. **$1.55**

This Vise is light and handy for Steam and Gas Fitters, Automobile and Electricians use.

Open Stock.

PRENTISS' MAGIC PIPE

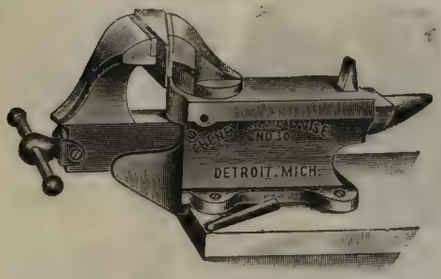
Hinged Malleable Iron Frame, Steel Screw and Handle, Milled and Tempered Steel Jaws.

Nos.	111	112	113
Holds Pipe.	⅛ to 2½	⅛ to 3½	¼ to 4½
Wt. Ea., Lbs.	9	15	19
Each	$2.70	4.00	6.25

Open Stock.

Combination Vises and Anvils.

CHENEY



Car Wheel Iron Body, Chilled Hard and Smooth Face, Tempered Steel Faced Jaws, Adjustable Solid Wrought Iron Screws, Square Thread, Each Vise and Anvil Furnished with a Solid Steel Hardy.

Nos.	C10	C20
Jaws, Inches	2½	3½
Open, Inches	3	4
Face of Anvil, In.	4½x2	6½x3
Wt. Each, Lbs.	9	25
Each	$5.60	7.15

Nos.	C30	C40
Jaws, Inches	4	4½
Open, Inches	5	6
Face of Anvil, In.	8x3½	8½x4
Wt. Each, Lbs.	35	50
Each	$8.70	10.30

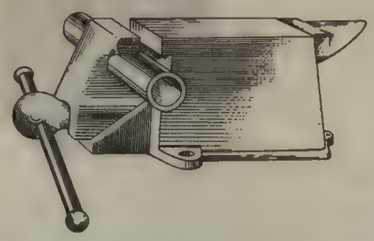
MASSEY

Cast Iron Body, Tool Steel Jaws, Heavy T Beam Section Draw Bar, Cold Rolled Steel Handle, Highly Polished Anvil Face and Jaws.

No.	500
Width Jaw, Inches	3¾
Open, Inches	12
Weight Each, Lbs.	52
Each	$7.80

This Anvil and Vise is designed so that it can be used as a drill as well as a vise and anvil. The Vise holding the work to be drilled.

AUSTIN'S



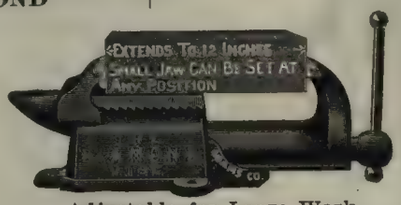
Cast Iron Body, Head Slide and Horn, Solid Steel Cut Thread Screw, Milled Pipe Grip Jaws, Steel Handle.

No.	A3
Jaws, Inches	3
Open, Inches	6
Face of Anvil, Inches	9x3
Weight Each, Lbs.	21
Each	$2.15

Open Stock.

ADAMS' DIAMOND

Diamond Vise, with Drill Attachment.



Adjustable for Large Work.

For Small Work.

As a Pipe Vise.

Cast Iron Body, Head Slide and Horn, Checked and Hardened Steel Jaws, Steel Screw, Polished and Hardened Anvil, Painted Green, Drill Attachment will Take Drill up to ¾ in. Shank. Each

No. 78—4 in. Jaws, Opens 12 in., ¾ in. Screw, Holds Pipe Up to 2 in., 7x3 in. Chilled Anvil Face, Weight Each 57 Lbs., Complete without Drills. **$9.35**

Cast Iron Body, Head, Slide and Horn, Checked and Hardened Steel Jaws, Steel Screw, Polished and Hardened Anvil, Painted Green. Each

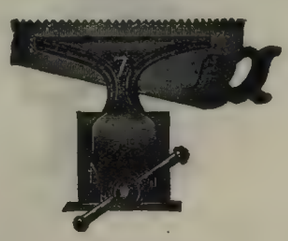
No. 75—4 in. Jaws, Opens 12 in., ¾ in. Screw, Holds Pipe up to 2 in., 7x3 in. Chilled Anvil Face, Weight Each 42 Lbs. **$6.10**

These Vises are very convenient to Farmers as well as Mechanics, as they are adapted to a larger range of work than other Vises. They can also be successfully be used as Pipe Vises, holding firmly any Pipe up to 2 in.

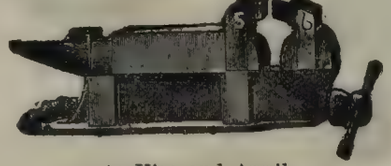
One in a Box, (Drill Attachment is Packed Separate).

HANSON'S

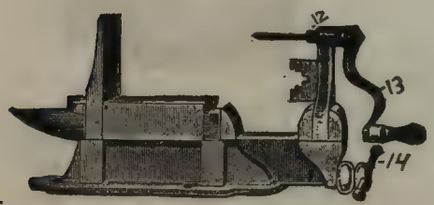
As an Anvil.



As a Saw Clamp.



As Vise and Anvil.



As a Drill.

As a Pipe Vise.

Five Tools in One, Cast Iron Body, Slide and Horn, Steel Faced Jaws, Steel Screw, Chilled Anvil Face, Polished Head and Jaws.

No. 85—4 in. Jaws, Opens 4 in., ¾ in. Screw, 5¾x3 in. Anvil Face, Takes ¼ to 1¾ in. Pipe, Complete for Five Tools as Above ..... Each, **$9.45**

Weight Each Complete 54 Pounds.

These Vises are very useful to Farmers, Mechanics, Small Shops, etc. They are neat, well made and will stand hard service, being made of best material. One in a Box.

Solid Box Vises.

BLACKSMITHS'

Forged Steel Body, Drop Forged Solid Steel Jaws, Crucible Steel Faced, One Piece Solid Steel Screw.

BLACKSMITHS'

Nos.	35	40	45	50	55	60	65
Wt. Each, Lbs.	35	40	45	50	55	60	65
Lgth. of Jaw, In.	3¾	4	4¼	4½	4¾	5	5
Vise Open, Inches.	3¾	4	4¼	4½	4¾	5	5
Each	$7.20	7.55	7.90	8.30	8.65	10.40	10.10
Nos.	70	75	80	85	90	95	100
Wt. Each, Lbs.	70	75	80	85	90	95	100
Lgth. of Jaw, In.	5¼	5¼	5½	5½	5¾	5¾	6
Vise Open, Inches.	5¼	5¼	5½	5½	5¾	5¾	6
Each	$10.80	11.50	12.60	13.35	14.40	15.10	15.85
Nos.			110	120	130	140	150
Wt. Each, Lbs.			110	120	130	140	150
Lgth. of Jaw, In.			6	6½	6½	7	7
Vise Open, Inches.			6	6½	6½	6¾	7
Each			$18.25	19.75	22.05	26.40	28.80

Open Stock.

HORSE SHOERS

HORSE SHOERS'

Wrought Steel, Drop Forged Solid Steel Jaws, Crucible Steel Faced, One Piece Solid Steel Screw.

	Each
No. 65—65 Lbs., 6 in. Jaw, Opens 6 in.	$14.05
No. 70—70 Lbs., 6 in. Jaw, Opens 6 in.	15.10

Open Stock.

Solid Vise Boxes and Screws.

	Wrought Steel.				
Nos.	1	1½	2	3	4
For Vise, Nos.	25 to 40	45 to 55	60 to 75	80 to 95	100 to 150
Diam. of Screw, Inches.	1	1⅛	1¼	1⅜	1¾
Diam. of Box, Inches.	1½	1⅝	1¾	1⅞	2⅜
Weight Each, Lbs.	10	12	14	16	18
Each	$5.25	6.00	6.00	6.75	10.50

Open Stock.

Anvils.

VULCAN

Cast Iron Body, Solid Tool Steel Face, Horn is Covered with and its Point is Made Entirely of Tough Untempered Steel.

Nos.	00	0	1	2	3	4	5	6	7
Wt. Each, Lbs.	5	10	15	20	30	40	50	60	70
Each	$2.80	3.85	4.55	5.60	6.30	7.35	8.40	9.10	10.15
Nos.	8	9	10	11	12	13	14	15	
Wt. Each, Lbs.	80	90	100	110	120	130	140	150	
Each	$11.20	12.60	14.00	15.40	16.80	18.20	19.60	21.00	

Open Stock.

AMERICAN

One Piece Tool Steel Face, Forged Iron Body, Welded at the Waist.

Blacksmith's Anvil.

BLACKSMITHS'

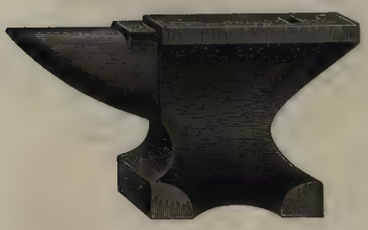
	Per Pound
Weights Assorted 70 to 79 Lbs.	$0.23
Weights Assorted 80 to 300 Lbs.	.20

HORSE SHOERS'

	Per Pound
Weights Assorted 150 to 200 Lbs.	$0.16

Open Stock.

Horse Shoers' Anvil.



Farmers' Anvil.

FARMERS'

Solid Cast Converted Steel, Polished Top.

Weight Each, Lbs.	50	70	100
Per Pound	$0.09	.09	.09

These Anvils are not intended for Mechanics but are suitable for Farmers and Household uses.

PLOW

For Hammering Out Plow Shares, Heading Rivets, Etc.

	Per Dozen
No. 10—Howell's Pattern, Solid Steel, Japanned, 3 in. Polished Steel Face, Length 5½ in., Weight Each About 4 Lbs.	$10.55

Open Stock.

Plow Anvil.

Portable Forges.

BUFFALO AGRICULTURAL

No. 151.

With Half Hood. Each

No. 151—18 in. Diameter of Hearth, 8 in. Diameter Fan, Height to Top of Hearth 30 in., Weight Each 75 Lbs. **$8.35**

With Wind Shield. Each

No. 150—18 in. Diameter of Hearth, 8 in. Diameter Fan, Height to Top of Hearth 30 in., Weight Each 70 Lbs. **$9.50**

These forges are well constructed, with deep and strong hearth, and lever-operated steel fan. The support consists of four seamless steel tube legs, rigidly braced with an angle iron frame around the tips. The tuyere plate is so perforated as to give an even spread of blast.

No. 150.

No. 31.

With Half Hood. Each

No. 31—22 in. Diameter of Hearth, 12 in. Diameter of Fan, Height to Top of Hearth 30 in., Weight Each 115 Lbs., Complete with Climax Blower. **$24.30**

With Wind Shield. Each

No. 30—22 in. Diameter of Hearth, 12 in. Diameter of Fan, Height to Top of Hearth 30 in., Weight Each 110 Lbs., Complete with Climax Blower. **$27.00**

These Forges are equipped with the Buffalo Climax Blower, with full size 12 in. fan. The hearth is strong and sound, bowl-shaped casting, supported by four tube-steel legs rigidly braced. The tuyere plate is round and perforated to give an even spread of blast.

No. 30.

No. 54W.

With Half Hood. Each

No. 54—23x35 in. Hearth, 12 in. Diameter of Fan Case, Height to Top of Hearth 30 in., Weight Each 180 Lbs., Complete with 12 in. Climax Blower, **without Water Tank**..... **$36.00**

No. 54W—Same as No. 54, **with Water Tank**..... **39.60**

With Wind Shield. Each

No. 53—23x35 in. Hearth, 12 in. Diameter of Fan Case, Height to Top of Hearth 30 in., Weight Each 175 Lbs., Complete with 12 in. Climax Blower, **without Water Tank**..... **$34.20**

No. 53W—Same as No. 53, **with Water Tank**..... **37.80**

This Forge is offered as a low-priced machine designed to fill the needs of the farmer and mechanic who desires an up-to-date forge, fitted with crank-operated blower instead of the lever type, and having enclosed instead of open gears. This demand is met by the combination of the Climax Blower and a large cast iron fire pan with modern pot tuyere iron having revolving clinker-breaking valve and automatic ash gate.

No. 53W.

TIGER

No. 155.

With Half Hood and Crank Gear.

Each

No. 155—22 in. Diameter Hearth, 8¾ in. Blower, Height to Top of Hearth 30 in., Weight Each 90 Lbs. **$26.65**

This Forge has half hood for indoor use, and is well adapted for Farmers, Small Shops where an inexpensive Forge is desired.

With Wind Shield and Crank Gear.

Each

No. 154—22 in. Diameter Hearth, 8¾ in. Blower, Height to Top of Hearth 30 in., Weight Each 85 Lbs. **$24.50**

This is a very good outdoor Forge for use on Ranches, Farms, at Mines, Quarries, etc. where expensive equipment is not a necessity.

No. 154.

All Above, One in a Crate.

Portable Forges.

TIGER

With Half Hood and Crank Gear. Each

No. 153—25x36 in. Hearth, 12½ in. Blower, Height to Top of Hearth 30 in., Weight Each 175 Lbs. **$31.00**

With Wind Shield and Crank Gear. Each

No. 152—25x36 in., Hearth, 12½ in. Blower, Height to Top of Hearth 30 in., Weight Each 170 Lbs. **$28.75**

These Forges have large roomy Fire Pots, conveniently shaped Hearth and splendid Blast; Ratchet Clutch. They are very serviceable Forges at a low cost.

One in a Crate.

ROYAL WESTERN CHIEF

With Half Hood. Each

No. 100—**Blacksmith's, with One Coal or Water Tank,** 31½x45½ in. Hearth, 12 in. Blower, Height to Top of Hearth 20 in., Length Over All 53 in., Weight Each 295 Lbs. . . **$53.00**

No. 0100—Same as No. 100, but **with Extra Water Tank,** Weight Each 325 Lbs. **58.30**

This Forge combines the Royal Blower, having cut gears and oil tight case with the Western Chief Standard Hearth, having solid fire pot with tuyere ball furnishing side and center blast.

For use of Large Blacksmith, Plow, Wagon, Railroad Shops, etc. where heavy work is done and a first class Forge is needed.

One in a Crate.

BUFFALO FORGE CO.'S

With Half Open Sheet Steel Hood. Each

No. 0—**Blacksmith's, without Water Tank,** 28x40 in. Hearth, 14 in. Diameter Fan, Height to Top of Hearth 32 in., Weight Each 300 Lbs. . . . **$40.00**

No. 01—Same as No. 0, but **with Water Tank,** Weight 320 Lbs. **43.20**

This Forge is especially adapted to the needs of the general blacksmith. Compared to the brick and bellows forge, its immense superiority was years ago demonstrated. It heats more quickly and with less labor. Its first cost is less, and in durability and reliability it far exceeds. In fact, this forge has long been known as the "Blacksmith's Old Reliable." The forge is guaranteed to produce a welding heat on 3 inch iron in five minutes, or on 4 inch iron in ten minutes.

One in a Crate.

BUFFALO FORGE CO.'S

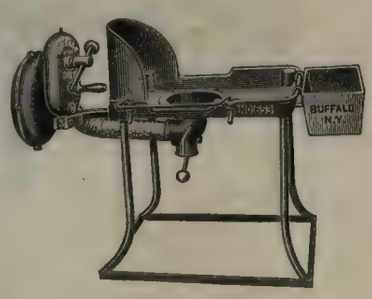
With Half Open Hood. Each

No. 651—**Horseshoer's, without Water Tank,** 23x30 in. Hearth, 12 in. Diameter Fan Case, 12 in. Buffalo No. 200 Silent Blower, Height to Top of Hearth 30 in., Weight Each 205 Lbs. **$36.00**

No. 0651—Same as No. 651, but **with Water Tank,** Weight Each 220 Lbs. **39.60**

No. 651.

A very popular, medium sized forge for indoor work. It is equipped with No. 200 Buffalo Silent Blower, and therefore furnishes a blast strong enough to suit most horseshoers and even some blacksmiths. The particular way of bracing the legs with angle steel insures a base of great strength. Uniform heat is assured, from the shallow fire for light work, to the deep fire for heavy. Has a round tuyere iron, with revolving clinker breaking valve, and hinged and balanced ash gate, which opens and closes by a touch of the foot.



No. 653.

With Wind Shield. Each

No. 653—**Contractor's, without Water Tank,** 23x30 in. Hearth, 12 in. Diameter Fan Case, 12 in. Buffalo No. 200 Silent Blower, Height to Top of Hearth 30 in., Weight Each 195 Lbs. **$33.30**

No. 0653—Same as No. 653, but **with Water Tank,** Weight Each 210 Lbs. **36.90**

A strong cast iron forge of great popularity for street railway and outdoor work generally. It is equipped with the **12 inch Buffalo 200 Silent Blower,** and therefore furnishes blast strong enough for heating the heaviest work. The particular way of bracing the legs with angle steel insures a base of great strength. Uniform heat is assured, from the shallow fire for light work, to the deep fire for heavy work. The forge has a round tuyere iron, with revolving, **clinker breaking valve, and hinged and balanced ash gate** which opens and closes by a touch of the foot.

Portable Forges.

BUFFALO FORGE CO.'S

With Half Open Hood.

Each

No. 1—Machinists', 21x27 in. Hearth, 10 in. Diameter of Fan, Height to Top of Hearth 31 in., Weight Each 165 Lbs.....**$32.00**

With Wind Shield.

Each

No. 3—Boiler Makers, 21x27 in. Hearth 10 in. Diameter of Fan, Height to Top of Hearth 31 in., Weight Each 155 Lbs. **$28.80**

With Wind Shield. Each

No. 5—Iron Workers', 18 in. Diameter Hearth, 8 in. Diameter Fan, Height to Top of Fire Pan 33 in., Weight Each 100 Lbs.....**$19.20**

No boiler shop is completely equipped without forges of this kind. They are suitable, also, for bridge and ship-builders, railroad contractors, and for general outdoor work. The deep fireplace peculiarly fits this forge for heating rivets, and its capacity is guaranteed sufficient to continuously supply from three to four gangs of riveters. These Forges have 4 handles under the hearth furnishing convenient means of lifting.

Suitable for all kinds of light indoor or outdoor work, and used extensively by die-sinkers, jewelers, tool-dressers, locksmiths, and by structural iron workers for rivet-heating. The legs are of seamless tube steel, fitted with deep sockets in the hearth and rigidly cross-braced. The hearth consists of a round, substantially ribbed and reinforced casting with tuyere plate. The fan is of steel and is belted to large pulley and operated by the easy lever motion. The gears are accurately fitted and noiseless in operation.

BUFFALO FORGE CO.'S

With Closed Hood.

Each

No. 9—Tinsmiths', 15 in. Diameter Hearth, 6 in. Diameter of Fan, Height to Top of Bowl 15 in., Weight Each 43 Lbs.....**$16.00**

These Forges are adapted for light work and can be conveniently placed on a bench or other support. Operated by turning crank.

BUFFALO FORGE CO.'S

With Wind Shield.

Each

No. 625—Riveters', 18 in. Diameter Hearth, 12 in. Diameter Fan Case, Height Over All 44 in., Weight Each 110 Lbs., Equipped with No. 200 Buffalo Silent Blower **$30.00**

The fire pan is made of heavy, rolled steel plate, strongly riveted. The windshield and blower are detachable and can be packed in the fire pan for transportation. A heavy, round tuyere plate distributes the blast so as to insure the best results in heating.

ROYAL

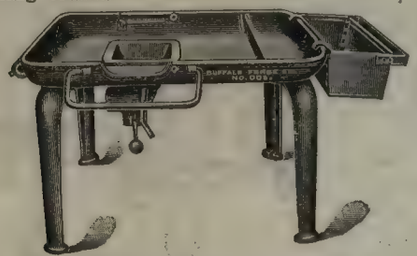
With Wind Shield.

Each

No. 76—Riveters', 18 in. Diameter Hearth, 9 in. Blower, Height to Top of Hearth 30 in., Weight Each 85 Lbs...**$30.00**

This Forge is for Riveters, Boilermakers, Mines, Quarries, etc. The crank turns forward or backward. Has a capacity to heat 3½ in. iron.

Stationary Forges.



Each

No. 00S—38x42 in. Hearth, Height to Top of Hearth 27 in., Depth of Hearth 3½ in., Water Tank 28x9x6½ in., 3 in. Blast Connection, Weight Each 350 Lbs.....**$40.00**

This Forge is substantially built of cast iron. The coal box forms an integral part of the fire pan. The water tank, fitted with a tool rack, is detachable for convenience in emptying.

The fire pan is 3 inches in depth and has a gate on each side, which when opened lowers the side 1¾ inches.

The blast is delivered through a 3 inch pipe and is closely controlled by a blast gate, operated by means of a lever on left side of forge, within easy reach of the operator.

It is fitted with the "Buffalo R. R. Deep Fire, Side and Center Blast, Anti-Clinker Dumping Tuyere", with ash gate which is so hinged and counter-balanced that it opens and closes by a touch of the foot.

Each

No. 0S—26¾x38 in. Hearth, Height to Top of Hearth 33 in., Blast Connection 3 in., Weight Each 150 Lbs. **$22.25**

This Forge although light in appearance are very strong. The fire pan is of cast iron, and the legs of wrought iron, rigidly fastened to the fire pan. They are much cheaper and much handsomer than the Brick Forge and can be easily moved when desired.

Blacksmith Hand Blowers.

BUFFALO FORGE CO.'S

Dust and Leak Proof Gear Case.

All End Thrust Balanced on Adjustable Ball Bearings. Fan Shaft Runs in the Finest Radial Ball Bearings. High-Speed Pinion Runs in Bath of Oil, Lubricating All Other Working Parts by Splashing. One-Piece Gear Case Insures Permanent Alignment of Gears. Extra Long Journal Bearings. Each

No. 214P.

No. 212P—12 in. Diameter of Fan Case, 2½ in. Blast Pressure at 2200 Revolutions Per Minute, with Vulcan Tuyere and Pipe, Weight Each 193 Lbs. $33.30

No. 214P—14 in. Diameter of Fan Case, 3 in. Blast Pressure at 2200 Revolutions Per Minute, with Vulcan Tuyere and Pipe, Weight Each 195 Lbs. 39.60

CLIMAX PEDESTAL

Machine Cut Gears, Consisting of Two Gear Wheels and Two Helical Gear Wheels properly proportioned to Produce Several Thousand Revolutions Per Minute of the Fan with Crank Turned at Moderate Speed, Fan Case and Gear Fitted Together, Pear Shape Fan Case, Allowing Crank to be Turned Forward or Backward with Equally Good Results. High Speed Fan Pinion Runs in a Bath of Oil, Lubricating All Other Working Parts by Splashing. Each

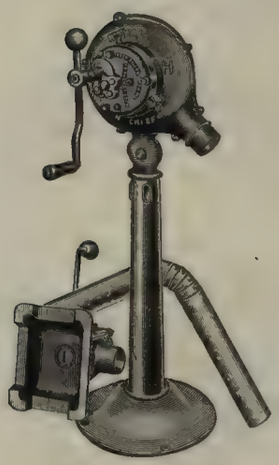
Climax—12 in. Diameter Fan, Complete with Tuyere and Pipe, Weight Each 130 Lbs. $22.25

Climax.

ROYAL WESTERN CHIEF

Oil Tight and Dust-Proof Gear Case.

Gears Run in a Continuous Bath of Oil, Crank Turns Forward or Backward. Noiseless and Easy to Operate. The Gears are Flat and Straight Cut, Made of Special Materials. No spiral or Worm Gears. Gives a Powerful Blast, Lasting after Blast. Each



No. 1000 Royal.

No. 1000—12 in. Diameter Fan, 47 in. High, Complete Tuyere Iron and Piping, Size of Fire Pot 8x9½x4 in., Weight Each 135 Lbs. $32.25
One in a Crate.

CHAMPION

Adjustable Ball Bearings, High Speed Spiral Gearing, with Phosphor Bronze Spiral Gear and Tool Steel Spiral Shaft, Crank Turns Either Way to Make a Blast, Each Turn of Crank Produces 46 Complete Revolutions of Blast Wheel. Each

No. 400—12 in. Diameter Fan, Complete with Champion Whirlwind Blast, Anti-Clinker Heavy Nest Tuyere Iron and Piping, Weight Complete 155 Lbs. $37.00

The Champion No. 400 Blower is made for Right and Left Hand Fires. Right Hand Blowers always furnished unless otherwise ordered.

No. 400 Champion.

Tuyere Irons.

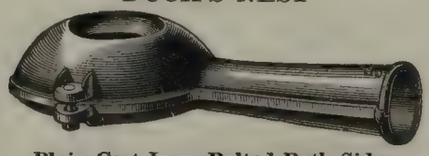
CLARK'S

With Ball Valves.
Plain Cast Iron, Bolted, Opened by Unfastening Bolt.

Nos.	1	2	3
Diam. Head, In..	8	9	10
Blast Con., In...	2	2	2½
Lgth. Over All, In.	15	16	16½
Weight Each, Lbs.	18	21	26
Each	$2.00	2.25	2.55

Open Stock.

DUCK'S NEST

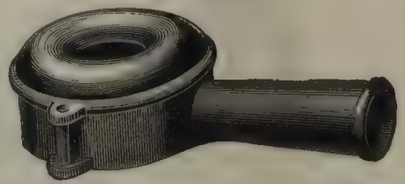


Plain Cast Iron, Bolted Both Sides, Opened by Unfastening Bolts. Each

No. 0—7¼ in. Diameter of Head, 1¾ in. Blast Connection, 13¾ in. Long Over All, Weight Each About 12 Lbs. . $1.12

Open Stock.

DUCK'S NEST

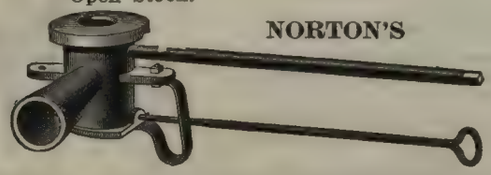


Plain Cast Iron, Bolted Both Sides, Opened by Unfastening Bolts. Each

No. 01—7½ in. Diameter of Head, 2¼ in. Blast Connection, 14 in. Long Over All, Weight Each About 16 Lbs. . $1.35

Open Stock.

NORTON'S

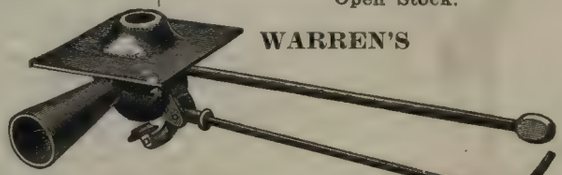


Cast Iron Head and Neck, Wrought Iron Rod. Each

No. 30—6½ in. Diameter of Cap, 8 in. Long Neck, 21 in. Rod, 2¼ in. Top Hole, 2¾ in. Blast Connection, Weight Each About 27 Lbs. $2.90

To regulate the Blast, turn the large rod. The cinders and ashes may be removed by drawing out the small rod which opens the slide. The levers and springs are readily changed to either side for right or left hand use.

WARREN'S



Cast Iron Head and Neck, Wrought Iron Rod. Each

No. 20—10x10 in. Cap, 7 in. Long Neck, 22 in. Long Rod, 1¾ in. Top Hole, 2½ in. Blast Connection, Weight Each About 31 Lbs. $3.10

The Blast is regulated by simply revolving the ball, which has three unequal sides. Open the bottom valve, and all cinders and ashes drop out.

Bench Drills.

YANKEE

No. 1003.

Automatic and Friction Feeds, Cylindrical Column, Adjustable Bracket for Table, Adjustable Removable Table and Bracket, Dead Black Color Frame. Each

No. 1003—One Speed Only (Geared 49 to 14), One Turn of Crank Gives 3½ Revolutions to Spindle, Cut Gears, ⅜ in. Steel Spindle, Three-Jaw Polished and Nickel Plated Tool Steel Chuck, 1¾ in. Long, 1 in. Diameter, Holds Round Shank Drills up to ¼ in. Diameter Inclusive, 1½ in. Traverse of Spindle (Automatic Feed), Ball Bearing V Thread Feed Screw, Hardened Steel Wearing Parts....**$12.80**

Weight Each Boxed About 20 Pounds.

The crank is 4 in. between centers. The bracket at base of column has a vertical adjustment of 2¾ in., the slide being 5¾ in., and bracket 3 in. long. The table on bracket has an independent movement of 1¼ in. by means of a 3 in. Hand Wheel and Screw, and can be used for feeding in emergencies, in addition to automatic feed. The table is 4¾ in. diameter, its center 2½ in. from face of slide. The lower end of bracket slide on column is 4¼ in. below base resting on bench; from bench the top of column is 11½ in. and from there to top of guide 3 in. Total height of Drill above bench is 14½ in., below 4¼ in., making extreme height of Drill 18¾ in. The distance from end of base on bench to front of table is 9¾ in. with table bracket flush with end of column, table all way down and spindle up, the distance between table and end of chuck is 5 in., a quite large capacity for a Drill of this kind. A steel wrench is furnished for nut holding table bracket and to tighten clamp screw for bench.

No. 1005.

Each

No. 1005—Two Speed, Quickly Changed by Moving Shifter on Spindle, Geared on Fast Speed 64 to 18, One Revolution of Crank Gives 3½ to Spindle, On Slow Speed 14 to 14, One Revolution of Crank Gives One to Spindle, Cut Gears, $\frac{5}{16}$ in. Diameter Spindle, Three-Jaw Polished and Nickel Plated Tool Steel Chuck, 2¾ in. Long, $1\frac{11}{16}$ in. Diameter, Holds Round Shank Drills up to ½ in. Diameter Inclusive, 2 in. Traverse of Spindle (Automatic Feed), Square Thread, Steel Feed Screw, Hardened Steel Wearing Parts.....**$21.10**

Weight Each Boxed About 57 Pounds.

The crank is 6 in. between centers. The bracket at base of column has a vertical adjustment of 5 in., the slide being 9¼ in. and bracket 4¼ in. long. The table on bracket has an independent movement of 1¾ in. by means of a 4½ in. Hand Wheel and Screw, and can be used for feeding in emergencies, in addition to automatic feed. The table is 6¾ in. diameter, its center 3½ in. from fall of slide. The lower end of bracket slide on column is 6 in. below base resting on bench; from bench the top of column is 18 in., and from there to top of guide is 4 in. Total height of drill above bench is 22 in., below 6 in., making extreme height of drill 28 in. The distance from end of base on bench to front of table is 13½ in. With table bracket flush with end of column, table all the way down and spindle up, the distance between table and end of chuck is 7½ in., quite a large capacity for a drill of this kind.

A steel wrench is furnished for nut holding table bracket and to tighten clamp screw for bench.

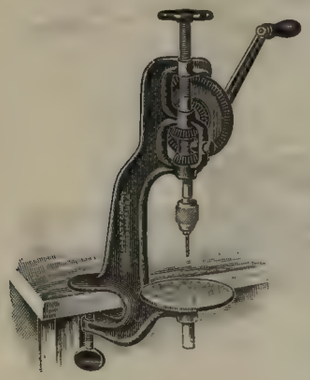
YANKEE VISES

For Use with Above Yankee Bench Drills or Separately Attached to Bench.

Cast Iron body and jaws accurately machined to hold work square when used either flat or on sides. Sliding Jaw has T shaped block screwed to its underside, sliding in a T shaped slot $\frac{5}{16}$ in. wide, insuring parallel movement of jaw. Case hardened steel removable swivel jaw is provided to hold taper hook, has friction spring to hold jaw in position, ½ in. diameter adjusting screw, ¾ in. head. Each

No. 990—6 in. Long, 2⅜ in. Wide Base, Extreme Height 2 in., Jaws Open without Swivel Jaw 3 in., with Swivel Jaw 2⅝ in., Depth of Jaw 1⅜ in., Weight Each About 3¾ Lbs. **$2.25**

One in a Box.



No. 9.

Bench Drills.

GOODELL'S

No. 22B.

Solid Cast Iron Frame, Cut Gears, Two Speeds Changed by Throwing Cam Attached to Shifter Knob, Steel Feed Screw Topped with Iron Feed Wheel, Adjustable Table with Turned and Polished Top. Each

No. 9—Height Above Table 18 in., with Three Jawed Chuck, Capacity 0 to ⅜ in., Extreme Distance Between Chuck and Table 4½ in., Complete with Drill Points from $\frac{1}{16}$ to $\frac{1}{4}$ in., Weight Each About 18 Lbs.....**$11.10**

One in a Box.

UNIVERSAL BENCH DRILL PRESS

Steel and Iron, Japanned, Compound Lever Feed, Adjustable Clamp to Hold Drill. Each

No. 22B—Without Hand Drill, Height Between Chuck and Table when Former is Raised to its Highest Point 6½ to 7½ in., According to Drill Used, Height of Standard Above Bench 15½ in., Weight Each About 8 Lbs.....**$3.10**

A simple constructed Standard and Fixtures to hold Hand Drills.

One in a Box.

No. 21.

UNIVERSAL HAND DRILL PRESSES

Steel and Iron, Japanned, Hand Feed, Changeable Speed from Even to 3 to 1, Extension Crank with Radius 5 to 6½ in., Drill Attachment Permanently Fixed. Each

No. 21—Height of Standard 24 in., with Swing Vise Rest, Star Chuck for Round Shank Drills from 0 to ½ in. Diameter, Weight Each Boxed About 30 Lbs.....**$12.25**

Steel and Iron, Japanned, Sensitive Hand Feed, Swing Vise Rest, Reversible Table. Each

No. 20—Without Breast Drill, Height of Standard 24 in., Weight Each Boxed About 28 Lbs.....**$7.00**

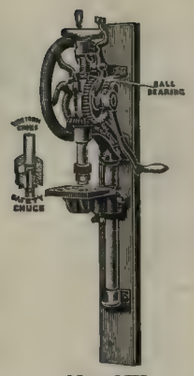
A Standard and Fixtures to hold Breast Drills. The drill may be swiveled in many positions and clamped at varying heights either above or below the bench.

One in a Box.

No. 20.

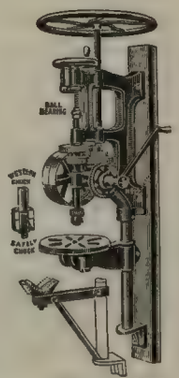
Blacksmiths' Upright Drills.

WESTERN CHIEF



No. 3W.

Ball Bearing and Safety Chuck Furnished with Western Chief Upright Drills.



No. 012W.

Automatic Self-Feed, Extension Crank, Drills to Center of 14½ in. Circle, Bores 0 to 1 in., Up and Down Run of Spindle 3½ in., Up and Down Run of Table 11 in., Greatest Distance from Table to Spindle 10½ in., **Spindle Bored for ½ in. Round Shank Drill.**

Each

No. 3W—Without Pulleys, for Hand Power Only....**$16.65**

No. 03W—With Hand and 8x2½ in. Pulley Power Attachment **20.00**

Weight Each About 95 Pounds.

One in a Crate.

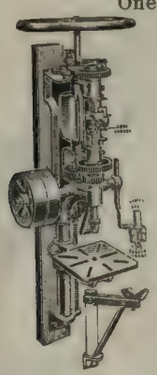
Automatic Self-Feed, Changeable Speed, Extension Crank Drills to Center of 16 in. Circle, Bores 0 to 1½ in., Up and Down Run of Spindle 4 in., Up and Down Run of Table 15½ in., Greatest Distance from Table to Spindle 16 in., **Spindle Bored for ½ in. Round Shank Drills.**

Each

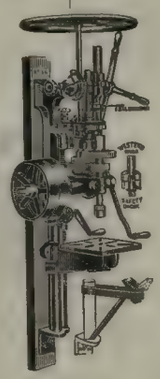
No. 12W—Without Pulleys, for Hand Power Only, Weight Each About 215 Lbs.....**$40.00**

No. 012W—With Hand and 10¾x2½ in. Pulley Power Attachment, Weight Each About 235 Lbs. **44.50**

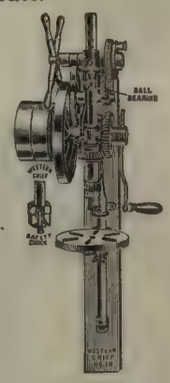
One in a Crate.



No. 014W.



No. 016W.



No. 019W.

Horizontal Gear Driven, Positive Self-Feed, Changeable Speed, Cut Straight and Bevel Gears, Raise and Lower Device to Table, Automatic Quick Return, Drills to Center of 21 in. Circle, Bores 0 to 1½ in., Up and Down Run of Spindle 4 in., Up and Down Run of Table 16½ in., Greatest Distance from Table to Spindle 18 in., **Spindle Bored for ½ in. Round Shank Drills.**

Each

No. 14W—Without Pulleys, for Hand Power Only, Weight Each About 295 Lbs.....**$55.60**

No. 014W—With Hand and 10¾x2½ in. Pulley Power Attachment, Weight Each About 315 Lbs..... **60.00**

One in a Crate.

Hand Lever Feed, Also Horizontal Gear Driven Positive Self-Feed, Changeable Speed, Cut Straight and Bevel Gears, Raise and Lower Device to Table, Drills to Center of 24 in. Circle, Bores 0 to 1½ in., Up and Down Run of Spindle 6¼ in., Up and Down Run of Table 15½ in., Greatest Distance from Table to Spindle 18½ in., Bored for ½ in. **Round Shank Drills.**

Each

No. 16W—Without Pulleys, for Hand Power Only, Weight Each About 340 Lbs.....**$64.50**

No. 016W—With Hand and 10¾x2½ in. Pulley Power Attachment, Weight Each About 360 Lbs..... **69.00**

One in a Crate.

Combined Hand and Self-Feed, Independent of Each Other, Drills to Center of 16½ in. Circle, Bores 0 to 1¼ in., Up and Down Run of Spindle 5½ in., Up and Down Run of Table 11 in., Greatest Distance from Table to Spindle 14 in., **Spindle Bored for ½ in. Round Shank Drills.**

Each

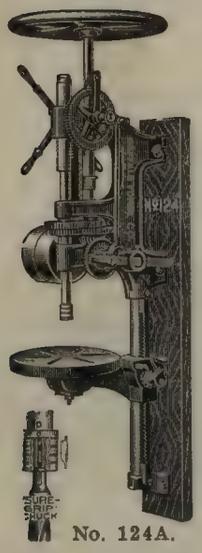
No. 19W—Without Pulleys, for Hand Power Only, Weight Each About 130 Lbs.....**$24.50**

No. 019W—With Hand and 8x2 in. Pulley Power Attachment, Weight Each 140 Lbs. **29.00**

One in a Crate.

Blacksmiths' Upright Drills.

BUFFALO CAPSTAN LEVER, BALL BEARING



No. 124A.

Multi-Compound Lever Feed, Machine Cut Gears, Two Speeds of Spindle, Sure Grip Chuck, Automatic Feed Adjustable to Four Speeds, Quick Return of Spindle, Raise and Lower Table Device, Wheel Holder and Gear Guard Free with Each Drill, Bores up to 1½ in. Hole, Drills to Center of 24 in. Circle, 7½ in. Run of Feed, 20 in. Run of Table, Height 72 in., **Spindle Bored for ½ in. Round Shank Drills.**

	Each
No. 124 —Without Pulley, for Hand Power Only, Weight Each About 370 Lbs.	**$62.70**
No. 124A—With Hand and 8x3 in. Pulley Power Attachment, Weight Each About 390 Lbs.	**68.00**

Multi-Compound Lever Feed. A 1 in. hole can be drilled with this lever. This exclusive "Buffalo" feature is obtained by the strong and simple **rack on feed head,** operated by the four-arm lever. By maintaining a light pressure on the latter, the bit is forced through the metal with maximum speed, **resulting in a great saving of time. It not only gives a leverage never exceeded in any other blacksmith drill, but is also greatly superior in strength and durability.**

Sliding Collars—One Sliding Collar is arranged at feed head for changing from lever to automatic feed or back. The other is at lower end of flywheel shaft, for change from slow to fast speed, or back. **Either change is made in a second—the collar will slide regardless of position of key, and seat itself automatically.** In no other drill will this convenient feature be found.

The Planetary Gears on the automatic feed is the most modern reduction gearing known—stronger and simpler in every way than the customary worm or screw.

No. 152S.

BUFFALO BALL BEARING DRILLS

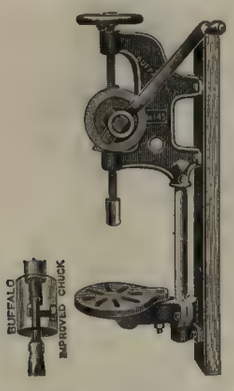
Steel Shaft and Spindle, Accurately Machined and Polished, Strongly Ribbed Frame, Adjustable Round Slotted Table (Adjustable Sideway or Up and Down), Automatic Feed, Adjustable to Three Speeds, One Speed of Spindle, Buffalo Sure Grip Chuck, Bores up to 1¼ in. Hole, Drills to Center of 14 in. Circle, 3 in. Run of Feed, 12 in. Run of Table, Height 38 in., **Chuck Bored for ½ in. Round Shank Drills.**

	Each
No. 152S —Without Pulleys, for Hand Power Only, Weight Each About 80 Lbs.	**$14.50**
No. 152SA—With Hand and 6 in. Pulley Power Attachment, Weight Each About 95 Lbs.	**18.50**

Shafts, spindles and gears are accurately fitted and all bearings are bored and reamed in the solid metal of the frame, insuring a drill unsurpassed in easy, smooth operation, without lost motion.

One in a Crate.

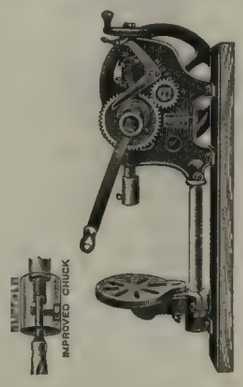
BUFFALO BALL BEARING, WITH SET SCREW ON CHUCK COUNTERSUNK



Hand Feed, Extension Crank, Adjustable Slotted Table (Adjustable Sideways and Up and Down), Strong Well-Ribbed Frame, Polished Steel Shaft and Spindle, Bores up to ¾ in. Hole, Drills to Center of 12 in. Circle, 3½ in. Run of Feed, 9 in. Run of Table, Height 33 in., **Buffalo Improved Chuck Bored for ½ in. Round Shank Drills.**

	Each
No. 145—Without Fly Wheel	**$8.00**

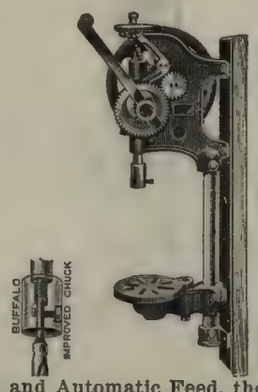
Weight Each About 58 Pounds.
One in a Crate.



Hand and Automatic Feed, the Latter Adjustable to Three Speeds, Heavy Fly Wheel Extension on Crank, Adjustable Slotted Table (Adjustable Sideways, Up and Down), Strong Well-Ribbed Frame, Polished Steel Shaft and Spindle, Bores up to ¾ in. Hole, Drills to Center of 12 in. Circle, 3 in. Run of Feed, 9 in. Run of Table, Height 33 in., **Buffalo Improved Chuck Bored for ½ in. Round Shank Drills.**

	Each
No. 146—With Fly Wheel	**$9.85**

Weight Each About 63 Pounds.
One in a Crate.



Hand and Automatic Feed, the Latter Adjustable to Three Speeds, One Speed of Spindle, Extension Crank, Well-Ribbed Frame, Turned and Polished Steel Shaft and Spindle, Adjustable Slotted Table (Adjustable Sideways, Up and Down), Bores up to 1 in. Hole, Drills to Center of 14 in. Circle, 1 in. Diameter of Spindle, 3 in. Run of Feed, 12 in. Run of Table, Height 41 in., **Buffalo Improved Chuck Bored for ½ in. Round Shank Drills.**

	Each
No. 147—With Fly Wheel	**$12.00**

Weight Each About 75 Pounds.
One in a Crate.

These Drills are fitted with the **"Buffalo Improved" Chuck,** in which the flat of the bit rests directly against a **cross-pin,** absolutely preventing slipping. Thus there is **no stress on the set-screw,** which only serves to prevent bit from falling out.

No bent or broken set-screw with this arrangement, and nothing to catch your clothing, as chuck is **countersunk for set-screw head.**

Post Drills.

SILVER'S

No. 22.

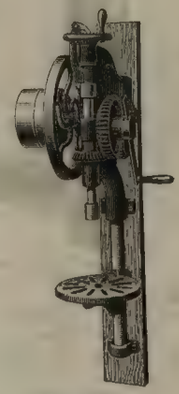
Self-Feed, with Ball Bearings and Intermediate Gear, Fast or Slow, Extension Crank, Adjustable Table, Best Quality Steel Ball Bearings in Case Hardened Steel Discs, Ground Bearings, Machine Molded Gears, Automatic Feeding Device, Steel Spindles and Shafts with Bearings Bored and Reamed in Solid Frame, 1 in. Spindle, 3¾ in. Run of Spindle, 1⅛ in. Column, Greatest Distance of Spindle to Table 13 in., Spindle Turns 1½ Times to One Turn of Crank on Fast Speed, Crank Turns 1½ Times to One Turn of Spindle on Slow Speed, Drills to Center of 15 in. Circle and Bores up to 1¼ in. Hole, **Spindle Bored for ½ in. Round Shank Drills.**

Each

No. 22—For Hand Use Only, Height 48 in., Weight Each Crated About 115 Lbs. **$15.60**

No. 022—For Hand and Belt Power, Height 48 in., Weight Each Crated About 130 Lbs. **21.75**

One in a Crate.



No. 023.

Self-Feed, with Ball Bearing and Intermediate Gear, Fast or Slow Speed, Extension Crank, Adjustable Table, Best Quality Steel Ball Bearings in Case Hardened Steel Discs, Ground Bearings, Machine Molded Gears, Automatic Feeding Device, Steel Spindle and Shaft with Bearings Bored and Reamed in Solid Frame, 1⅛ in. Spindle, 4 in. Run of Spindle, 2 in. Column, Greatest Distance of Spindle to Table 16 in., Spindle Turns 1½ times to 1 turn of Crank on Fast Speed, Crank Turns 1½ Times to 1 Turn of Spindle on Slow Speed, Drills to Center of 18 in. Circle and Bores up to 1½ in. Hole, **Spindle Bored for ½ in. Round Shank Drills.**

Each

No. 23—Fo Hand Use Only, Height 50 in., Weight Each Crated About 170 Lbs. **$24.50**

No. 023—For Hand and Belt Power, Height 50 in., Weight Each Crated About 185 Lbs. **31.10**

One in a Crate.

No. 24.

Self-Feed, with Ball Bearings and Intermediate Gear, Fast or Slow Speed, Extension Crank, Adjustable Feed Table, Best Quality Steel Ball Bearings in Case Hardened Steel Discs, Ground Bearings, Machine Molded Gears, Automatic Feeding Device, Steel Spindle and Shaft with Bearing Bored and Reamed in Solid Frame, 1⅛ in. Spindle, 4¼ in. Run of Spindle, 2¾ in. Column, Greatest Distance of Spindle to Table 18 in., Spindle Turns 1½ Times to 1 Turn of Crank on Fast Speed, Crank Turns 1½ Times to 1 Turn of Spindle on Slow Speed, Drills to Center of 22 in. Circle and up to 1½ in. Hole, **Spindle Bored for ½ in. Round Shank Drills.**

Each

No. 24—For Hand Use Only, Height 54 in., Weight Each Crated About 230 Lbs. **$37.75**

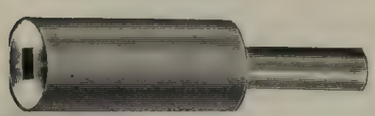
No. 024—For Hand and Belt Power, Height 54 in., Weight Each Crated About 245 Lbs. **45.10**

One in a Crate.

The intermediate gear on the Nos. 22, 23 and 24 Drills eliminate the necessity of turning crank reverse direction on slow speed. Are equipped with Ball Bearing Feed Nut saving 20 to 50 per cent in power. The Automatic Feeding Device operated by cam inside of gear wheel gives nearly a continuous feed and can be regulated by a thumb screw.

Drill Chucks.

SILVER'S



For Use in Connection with Silver's Blacksmith Drills to Hold Brace Shank Bits, Polished Steel, Length Over All 2½ in.

Each

No. 737—With ½ in. Round Shank. **$1.70**

Weight Each ½ Pound.

Open Stock.

STAR

Three-Jawed, Carefully Adjusted, Opening with a Spring and Closing with Pressure from Spindle, Handsomely Nickel Plated and Polished.

½ in. Round Shanks, for Blacksmith Drills.

Nos.	5	6	7
Capacity, Inches	0 to ¼	0 to ⅜	0 to ½
Outside Diam. Chuck, In.	1	1¼	1½
Dimensions of Shank, In.	1½x½	3⅝x½	4½x½
Weight Each, Oz.	7	12	20
Each	$1.80	2.60	3.40

One in a Box.

SAMSON, BALL BEARING

Forged and Tempered Steel Jaws, Interlocking Accurately, Polished and Nickel Plated, Will Hold Round, Square or Taper Shank Drills.

Each

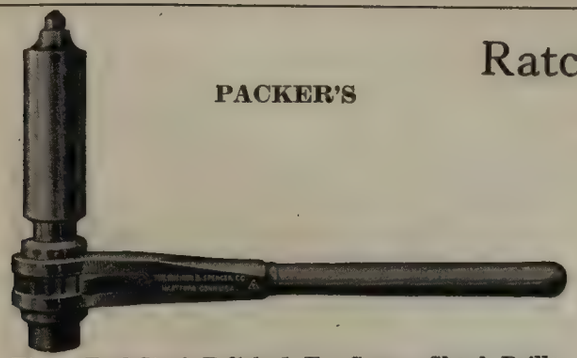
Samson—With ½ in. Round Shank, Weight Each 1½ Lbs. **$2.60**

The jaws of this Chuck adjust themselves to a parallel or tapering position corresponding to the shape of the drill shank. It can be released quickly, no matter how firmly it holds the boring tool.

One in a Box.

Ratchet Drills.

PACKER'S

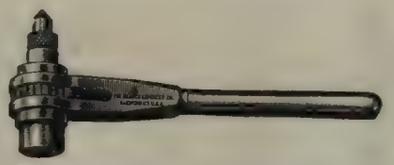


Finest Tool Steel, Polished, For Square Shank Drills.

Nos.	2	3
Length of Handle, Inches	12	14
Length of Head, Inches	8¼	10
Weight Each, Lbs.	7	10
Each	$10.00	11.80

One in a Package.

PACKER'S BOILER



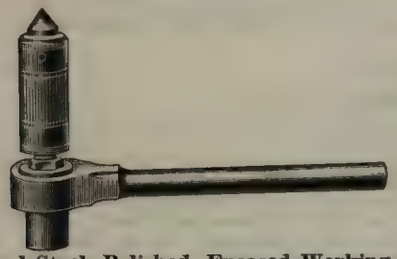
Finest Tool Steel, Polished, For Square Shank Drills.

Nos.	10	20
Length of Handle, Inches	9¾	12
Length of Head, Inches	4½	4¾
Weight Each, Lbs.	3½	5
Each	$6.70	7.80

One in a Package.

Ratchet Drills.

PARKER'S

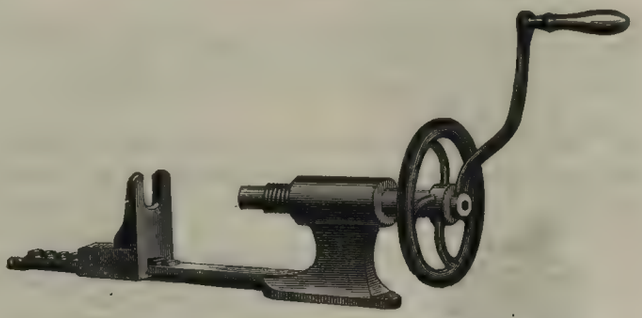


Finest Tool Steel, Polished, Encased Working Parts, For Square Shank Drills.

Nos.	5	6
Length of Handle, Inches	11½	14
Length of Head, Inches	8	8¼
Weight Each, Lbs.	5¼	6
Each	$8.40	9.80

One in a Package.

Blacksmiths' Tire Drills.

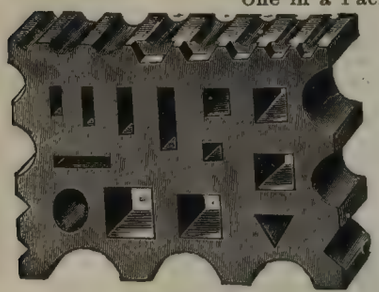


Natural Finish Cast Iron Frame, Crank and Feed Wheel, 1⅝ in. Diameter Polished Steel Feed Screw, Polished Steel Chuck, Fitted for Square Shank Bits.

	Each
No. 01—Length Over All 30 in.	$2.90

Weight Each 26 Pounds.

One in a Crate.



Swage Blocks.

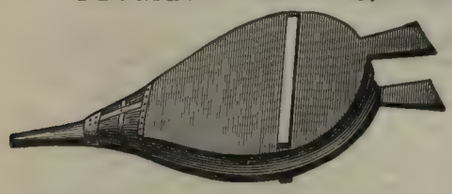
Solid Cast Iron, Plain Finish.

Nos.	1	2
Size, Inches	12½x12½x3½	15x15x4
Weight Each, Lbs.	100	150
Per Pound	$.....	.....

These Swage Blocks have various shape serrations on edges and various shape perforations.

Open Stock.

Moulders' Bellows.

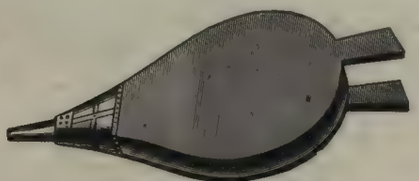


No. 10—Extra, Hardwood Boards Cleated, Extension Handles, Leather Loop for Fastening, Japanned Steel Funnel, Leather Sides or Folds.

Width, Inches	10	11	12
Length, Inches	22	22	23½
Ap. Wt. Dz., Lbs.	33	39	40
Per Dozen	$21.10	22.25	24.50

Open Stock.

Hand Bellows.

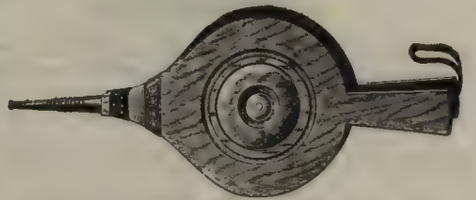


No. 1—Extra, Hardwood Boards, Extension Handles, Leather Loops for Fastening, Steel Funnel, Leather Sides on Fold.

Width, Inches	6	7
Length Over All, In.	14½	15
Ap. Wt. Dozen, Lbs.	9	12
Per Dozen	$13.35	15.00
Width, Inches	8	9
Length Over All, In.	16	17
Ap. Wt. Dozen, Lbs.	16	20
Per Dozen	$16.10	17.80

Open Stock.

Hand Bellows.



No. 5—French, White Wood, Extension Handles, Leather Loop for Fastening, Steel Funnel, Leather Sides or Folds.

Width, Inches	6½	7½
Length Over All, In.	16¼	18¼
Ap. Wt. Dozen, Lbs.	13	18
Per Dozen	$11.10	13.35
Width, Inches	8½	9½
Length Over All, In.	20½	22¼
Ap. Wt. Dozen, Lbs.	23	33
Per Dozen	$15.60	33.35

Open Stock.

Bench Punches.

NEW BADGER

5 in. Throat Depth, Cast Iron Body. Each

No. 7—3/16, 1/4 and 5/16 in. Punches and Dies, Extreme Capacity 5/16 in. Hole in 1/4 in. Iron, Complete with Lever Bar **$42.25**

Weight Each About 150 Pounds.

The New Badger No. 7 has three punches each working independent of the others. Three sizes always ready for use, so constructed that by inserting the sliding key in the different keyholes in front of the machine any one punch can be operated independent of the others, and by inserting keys in all three holes, all the punches could be operated at the same time. The Lever Socket on this machine works both ways either to the front or to the rear. Each Machine is furnished with a stripping attachment, adjustable Gauge to regulate distance of holes from the edge of the Sheets and Lever Bar.

Open Stock

4 in. Throat Depth, Cast Iron Body. Each

No. 11—Punches 1/4 in. Hole Through 1/4 in. Iron Plate, Complete with Lever Bar..... **$26.65**

Weight Each About 100 Pounds.

The lever socket on this machine works both ways, either to the front or to the rear, so that the operator may work the machine from the rear in punching long or wide sheets.

The punch has a very powerful leverage and will easily punch a 1/4 in. hole through a 1/4 in. iron plate without exertion on the part of the operator.

Each machine is provided with a stripping attachment, one punch and die, and also improved adjustable gauge to regulate the distance of the holes from the edge of the sheets.

Open Stock.

Splitting Shears.

NEW BADGER

Cast Iron Body, Steel Knives.

Each.

No. 3—Shears 1/8 in. Sheet Metal of Any Length or Width, Cuts Any Size Round Iron Bars up to and Including 1/2 in. in Diameter..... **$29.00**

Weight Each About 100 Pounds.

This splitting shear is one of the handiest machines of its kind on the market. It has a very powerful leverage and consequently will easily do the capacity of work for which they are intended, without exertion on the part of the operator.

Durable, and especially adapted to cutting sheets of any length and width, as well as bars. Each machine is fitted with adjustable gauges for sheet and rod cutting. The knives on the machine are adjustable and may be easily and quickly removed and sharpened when necessary.

Open Stock.

CANEDY-OTTO

Cast Iron Body.

Each

No. 1—Cutting Capacity 3/4 in. Round Bar and 3/8 x 3 in. Flat Bar **$17.80**

Weight Each About 100 Pounds.

The best of material and workmanship used throughout this shear. Each cutting attachment works independent of the other, thereby making an easier operated and more accurate machine.

Open Stock.

Bar Iron and Soft Steel Cutter.

Each

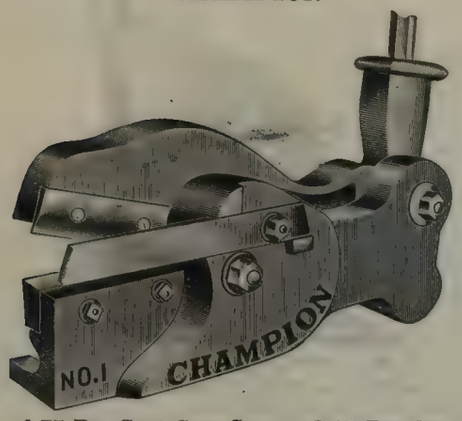
Kidd—Cuts 1 1/2 x 3/8 in. Flat and 5/8 in. and Smaller Round Iron or Soft Steel, Length 17 in., 48 in. Handle..... **$29.00**

Weight Each About 75 Pounds.

The knives are adjustable to wear and are easily and quickly removed for sharpening. Handle is also removable by simply withdrawing from socket.

Blacksmith Shears.

CHAMPION



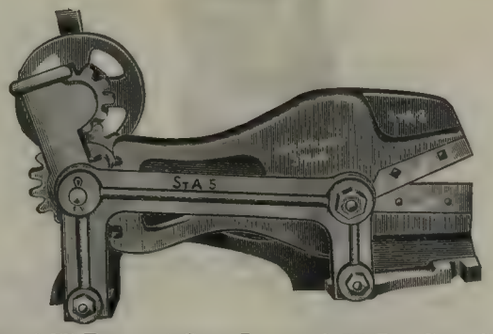
Made of 75 Per Cent Gray Iron and 25 Per Cent Steel.

Each

No. 1—Champion, Cuts ¾ in. Round Iron and 3x⅜ in. Flat Iron, 7 in. Knife, **Complete with Lever** **$20.00**

Weight Each About 155 Pounds.

ST. ANTHONY



Made of 75 Per cent Gray Iron and 25 Per Cent Steel.

Each

No. 5—St. Anthony, Cuts 1 in. Round and 2x¾ in. Flat Bars, 7 in. Knife, **Complete with Lever** **$39.00**

Weight Each About 350 Pounds.

The St. Anthony Shear is a triple leverage or back geared machine. By using the back gear it will cut 1¼ in. round or 1x3 in. flat iron. By using the back gear and applying 100 pounds on the handle it will exert a force of 30 tons on the blades. It has the largest capacity and is the strongest, handiest and most perfect working machine built for hand power machine.

U. S.

Made of 75 Per Cent Gray Iron and 25 Per Cent Steel.

Each

No. 9—U. S., Cuts 4x¾ in. Flat Bars and 1⅛ in. Round Bars, 7 in. Knife, **Complete with Lever** . **$51.10**

Weight Each About 500 Pounds.

Specially adapted for heavy work.

Open Stock.

CANEDY-OTTO

Each

No. 6—Canedy-Otto, Cuts 4x¾ in. Flat Bars and ¾ in. Round Mild Steel and Iron, 7 in. Steel Knife, **Complete with Lever** **51.10**

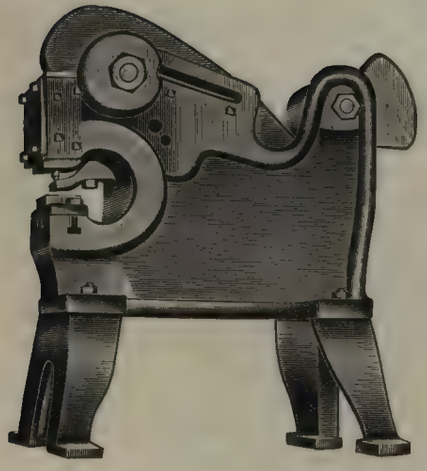
Weight Each About 450 Pounds.

The lever works toward the front, allowing the operator to stand directly in front of his knives. The bearings are smoothly drilled and reamed. Shafts are smoothly turned and polished. The knives are extra heavy and adjustable. They are made of steel, machined and properly tempered.

Open Stock.

Combined Punches and Shears.

BADGER



One Piece Cast Iron Body, Steel Pins and King Bolts, Square Mandrel to Avoid Turning and Spoiling Dies when Square or Irregular Shaped Punches are Used. In Punching the Lever Works Toward the Front and in Cutting Towards the Back of Machine.

Each

No. 33—Will Cut ½x2½ in., or ⅜x3 in. Flat Iron, or ⅞ in. Round Iron and Punch a ⅜ in. Hole in ⅜ in. Iron or their Equivalents; Furnished with 3 Sets of Dies and Punches, ¼, ⅜ and ⅜ in., and Lever, Weight Each About 325 Lbs..... **$ 61.15**

No. 66—Will Cut ½x4 in., or ⅝x3 in. Flat Iron, or 1 in. Round Iron and Punch a ½ in. Hole in ½ in. Iron or their Equivalents; Furnished with 3 Sets of Dies and Punches, ¼, ⅜ and ½ in., and Lever, Weight Each About 675 Lbs..... **106.60**

Each machine is furnished with all necessary knives or shear blades for shearing both flat and round bars, 3 sets of dies and punches, lever bar, stripping attachment and adjustable gauge for regulating distance of holes from the edge of sheet.

Open Stock.

Stocks and Dies.

SUPERIOR

No. 28 — Cuts 1 in. to ⅜ in. R. H., 9, 10 and 14 Threads to the in., 3 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	½	¾	1	Each
Number of Threads to the Inch	14	10	9	$5.30

Weight Per Set About 8¼ Pounds.

No. 34 — Cuts ¾ in. to 7/16 in. R. H., 10, 12 and 16 Threads to the in., 3 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	7/16	9/16	¾	4.80
Number of Threads to the Inch	16	12	10	

Weight Per Set About 5 Pounds.

No. 34A — Cuts ¾ in. to 7/16 in. R. H., 10, 12 and 14 Threads to the in., 3 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	7/16	9/16	¾	4.80
Number of Threads to the Inch	14	12	10	

Weight Per Set About 3½ Pounds.

No. 37 — Cuts ⅝ in. to 7/16 in. R. H., 14, 18 and 22 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	¼	5/16	⅜	7/16	½	⅝	4.50
Number of Threads to the Inch	22	22	18	18	14	14	

Weight Per Set About 3½ Pounds.

No. 37A — Cuts ⅝ in. to 7/16 in. R. H., 12, 14 and 16 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	¼	5/16	⅜	7/16	½	⅝	4.50
Number of Threads to the Inch	16	16	14	14	12	12	

Weight Per Set About 3½ Pounds.

No. 37B — Cuts ⅝ in. to 7/16 in. R. H., 14, 16 and 18 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	¼	5/16	⅜	7/16	½	⅝	4.50
Number of Threads to the Inch	18	18	16	16	14	14	

Weight Per Set About 3½ Pounds.

No. 41 — Cuts ½ in. to ⅛ in. R. H., 16, 20 and 26 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	1/8	¼	¼	5/16	7/16	½	3.45
Number of Threads to the Inch	26	26	20	20	16	16	

Weight Per Set About 2½ Pounds.

No. 41B — Cuts ½ in. to ⅛ in. R. H., 16, 18 and 20 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	5/32	¼	¼	5/16	7/16	½	3.45
Number of Threads to the Inch	20	20	18	18	16	16	

Weight Per Set About 2½ Pounds.

No. 53 — Cuts 5/16 in. to 1/16 in. R. H., 16, 20, 24 and 32 Threads to the in., 4 Taps and 4 Pair of Dies.

Size of Taps, R. H., Inches	1/8	3/16	¼	5/16	2.95
Number of Threads to the Inch	32	24	20	16	

Weight Per Set About 1 Pound.

No. 19 — Cuts 1 in. to ⅜ in. R. H., 9, 12 and 14 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	½	5/8	⅝	¾	⅞	1	Each
Number of Threads to the Inch	14	14	12	12	9	9	$9.60

Weight Per Set About 9½ Pounds.

No. 27 — Cuts ¾ in. to ⅜ in. R. H., 10, 12 and 16 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	7/16	½	9/16	⅝	⅝	¾	6.90
Number of Threads to the Inch	16	16	12	12	10	10	

Weight Per Set About 3½ Pounds.

No. 47 — Cuts ⅝ in. to ¼ in. R. H., 12, 14 and 18 Threads to the in., 6 Taps and 3 Pair of Dies.

Size of Taps, R. H., Inches	1/4	⅜	7/16	½	9/16	⅝	5.85
Number of Threads to the Inch	18	18	14	14	12	12	

Weight Per Set About 3½ Pounds.

No. 60 — Cuts ¾ in. to ⅛ in. R. H., 10, 12, 14 and 18 Threads to the in., 6 Taps and 4 Pair of Dies.

Size of Taps, R. H., Inches	¼	1/4	7/16	½	⅝	¾	6 90
Number of Threads to the Inch	18	18	14	14	12	10	

Weight Per Set About 6 Pounds.

EXTRA DIES FOR ABOVE STOCKS AND DIES

Complete Set of Dies.

For Stocks, Nos.	19	23	27	34 or 34A	37, 37A or 37B
Ap. Weight Per Set, Lbs.	⅞	⅝	½	⅜	¼
Per Set	$2.65	2.15	2.40	2.15	1.60

For Stocks, Nos.	41 or 41B	47	53	60
Ap. Weight Per Set, Lbs.	¼	⅜	⅛	⅝
Per Set	$1.60	2.40	1.60	3.20

One Set in a Box.

EVERGREEN Screw Plates.

Style A, V Thread Over Size.

With Elastic Stock and Interchangeable Double Die, (See Illustration.)

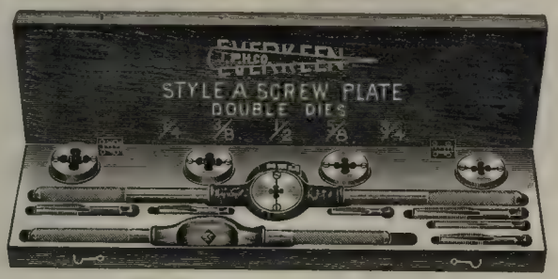
Simple to adjust. It is all accomplished with one screw while the Die is in the stock ready for use. See cut. By turning the taper head screw on the left in or out, the Die may be quickly and positively adjusted for a tight or loose fit as desired.

The principle of the Die will be understood from the cut and explanation below.

The half of the Die in front is drawn in phantom to show the mechanism. The cup-headed screw on the right holds the halves firmly together, acting as a hinge while the size is regulated by the wedge shape (taper-headed) screw in the left, the whole being clamped rigidly in the elastic stock.

The Dies are made double so they will cut from either face. To cut close to a shoulder or to thread a very short piece, use the upper face of the Die without starting thread with the guide side.

Cut shows Die filed and chamfered to cut from both faces.



No. E2029—5 Sizes, Taps, Dies and Guides, with 18 in. Stock and 11 in. Adjustable Tap Wrench, Weight Per Set 20 Lbs. ..... Each **$15.10**

Size, Inches	1/4	5/16	3/8	7/16	1/2
Threads	20	18	16	14	12

Diameter of Dies 2 3/16 in.
Complete in Case.

No. E1124—5 Sizes, Taps, Dies and Guides, with 22 in. Stock and 16 in. Adjustable Tap Wrench, Weight Per Set 23 Lbs. ..... Each **$15.75**

Size, Inches	1/4	3/8	1/2	5/8	3/4
Threads	20	16	12	11	10

Diameter of Dies 2 3/16 in.
Complete in Case.

No. E1104—7 Sizes, Taps, Dies and Guides, with 22 in. Stock and 16 in. Adjustable Tap Wrench, Weight Per Set 23 Lbs. ..... Each **$19.60**

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Threads	20	18	16	14	12	11	10

Diameter of Dies 2 3/16 in.
Complete in Case.

No. E1112—9 Sizes, Taps, Dies and Guides, with 22 and 29 in. Stocks and 21 in. Adjustable Tap Wrench, Weight Per Set 35 Lbs. ..... Each **$33.60**

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads	20	18	16	14	12	11	10	9	8

Diameter of Dies 3/4 and Under 2 3/16 in., 7/8 and Over 2 3/4 in.
Complete in Case.

EXTRA DIES

For EVERGREEN Style A Screw Plate.

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Weight Each, Oz.	8	8	8	8	8	9	9	16	18
Each	$2.00	2.00	2.35	2.35	2.35	2.75	3.15	3.90	4.70

Open Stock.

EVERGREEN Screw Plates.

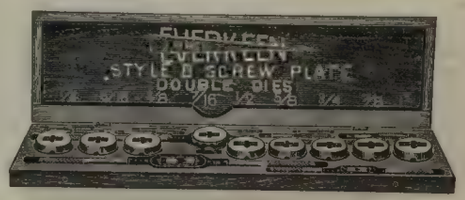
Style B, V Thread Over Size.

With Elastic Stock and Interchangeable Double Dies.

Cut Shows Die and Collet.

The Screw Guide below forces the beveled edges of Die snugly against the beveled surfaces of the Collet. The surfaces being exactly alike, a combined screw and taper fit is effected, the most positive and rigid fit known in mechanics, and one which constantly corrects itself and compensates for wear. Adjustment of cutting size is accomplished by turning the screws back of the Die halves in or out for tight or loose fits of bolts and nuts. The zero marks on the tops of the Die and Collet make it possible to adjust each half perfectly in relation to the center.

The Dies are made double, so that they will cut from either face. To cut close to a shoulder or to thread a very short piece, use the upper face of the Die without starting thread with the guide side.



Each

No. E1—5 Sizes Taper Taps, Dies and Collets, 23 in. Stock, and 11 in. Adjustable Tap Wrench, Weight Each 20 Lbs. **$16.00**

Size, Inches	¼	5/16	⅜	7/16	½
Threads	20	18	16	14	12

Diameter of Collets 2¾ in., Complete in Case.

Each

No. E7—9 Sizes Taper Taps, Dies and Collets, 29 in. Stock, and 21 in. Adjustable Tap Wrench, Weight Each 35 Lbs. **$34.00**

Size, Inches	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1
Threads	20	18	16	14	12	11	10	9	8

Diameter of Collets 2¾ in., Complete in Case.

No. E5.

Each

No. E5—7 Sizes Taper Taps, Dies and Collets, 29 in. Stock and 16 in. Adjustable Tap Wrench, Weight Each About 23 Lbs. **$21.35**

Size, Inches	¼	5/16	⅜	7/16	½	⅝	¾
Threads	20	18	16	14	12	11	10

Diameter of Collets 2¾ in., Complete in Case.

AUTOMOBILE COMBINATION SET

Each

No. E5C—7 Sizes Taper Taps, Dies and Collets, U. S. Standard, Seven Sizes Extra Taper Taps and Dies, S. A. E. Standard, 23 in. Stock and 16 in. Adjustable Tap Wrench, Weight Each About 25 Lbs. **$32.00**

U. S. Standard.

Size, Inches	¼	5/16	⅜	7/16	½	⅝	¾
Threads	20	18	16	14	13	11	10

S. A. E. Standard.

Size, Inches	¼	5/16	⅜	7/16	½	⅝	¾
Threads	28	24	24	20	20	18	16

Diameter of Collets 2 1/16 in., Complete in Case.

Bit Brace Die Holder.

Each

No. E40—11 Sizes Taper Taps, Dies and Collets, 23 and 52 in. Stocks and 16 and 34 in. Adjustable Tap Wrenches, Weight Each About 45 Lbs. **$53.35**

Size, Inches	¼	5/16	⅜	7/16	½	⅝
Threads	20	18	16	14	12	11

Size, Inches	¾	⅞	1	1⅛	1¼
Threads	10	9	8	7	7

Diameter of Collet ¾ and Smaller 2¾ in., ⅞ in. and Larger 4½ in., Complete in Case.

EXTRA DIES.

For EVERGREEN Style B Screw Plates.

Size, Inches	¼	5/16	⅜	7/16	½	⅝
Ap. Wt. Each, Ozs.	2	2	2	2	4	4
Each	$1.60	1.60	2.00	2.00	2.35	2.75

Size, Inches	¾	⅞	1	1⅛	1¼
Ap. Wt. Each, Ozs.	4	7	7	16	16
Each	$3.15	4.30	4.30	6.25	6.25

One in a Package.

This Bit Brace Die Holder is furnished free of charge with the above EVERGREEN Style B Screw Plates, containing sizes 7/16 in. and smaller (a Bit Brace has not sufficient leverage to thread sizes larger than 7/16 in.)

With this attachment our Style B Collets, 2¾ in. Diameter may be transformed into Bit Brace Holders at any time.

Green River Screw Plates.

V Threads 1/32 in. Oversize.

No. 1122.

Each

No. 100 Set—5 Sizes Taps, Dies and Guides, with 10 in. Stock and Brace Holder for Dies, Weight Per Set About 5½ Lbs. $11.70

Size, Inches	1/4	5/16	3/8	7/16
Threads	30	20	18	16	14

(Diameter of Dies 1 5/16 in.)

Each

No. 1122 Set—Same as Above, but with No. 5, 11½ in. Adjustable Tap Wrench, Weight Per Set About 6 Lbs. $14.60

Complete in Case.

No. 1102.

Each

No. 101 Set—6 Sizes Taps, Dies and Guides, with 18 in. Stock, Weight Per Set About 13 Lbs. $14.70

Size, Inches	5/16	3/8	7/16	1/2	9/16	5/8
Threads	30	20	18	16	14	13

(Diameter of Dies 2 1/16 in.)

Each

No. 1102 Set—Same as Above, but with No. 5, 11½ in. Adjustable Tap Wrench, Weight Per Set About 14 Lbs. $16.00

Complete in Case.

No. 1104.

Each

No. 103 Set—7 Sizes Taps, Dies and Guides, with 22 in. Stock, Weight Per Set About 15 Lbs. $17.35

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Threads	20	18	16	14	13	11	10

(Diameter of Dies 2 5/16 in.)

Each

No. 1104 Set—Same as Above, but with No. 6, 15 in. Adjustable Tap Wrench, Weight Per Set About 17 Lbs. $18.70

Complete in Case.

No. 1108.

Each

No. 107—5 Sizes Taps, Dies and Guides, with 29 in. Stock, Weight Per Set About 24 Lbs. $21.00

Size, Inches	1/2	5/8	3/4	7/8	1
Threads	13	11	10	9	8

(Diameter of Dies 2 1/16 in.)

Each

No. 1108 Set—Same as Above, but with No. 7, 19½ in. Adjustable Tap Wrench, Weight Per Set About 25 Lbs. $22.35

Complete in Case.

No. 1110.

Each

No. 109—7 Sizes Taps, Dies and Guides, with 29 in. Stock, Weight Per Set 25 Lbs. $26.70

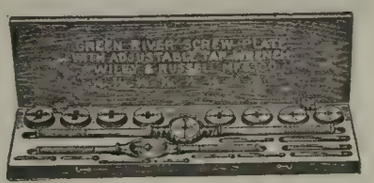
Size, Inches	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads	16	14	13	11	10	9	8

(Diameter of Dies 2¾ in.)

Each

No. 1110 Set—Same as Above, but with No. 7, 19½ in. Adjustable Tap Wrench, Weight Per Set About 26 Lbs. $28.00

Complete in Case.



No. 1112.

Each

No. 111 Set—9 Sizes Taps, Dies and Guides, with 29 in. Stock, Weight Per Set About 29 Lbs. $30.70

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads	20	18	16	14	13	11	10	9	8

(Diameter of Dies 2¾ in.)

Each

No. 1112 Set—Same as Above, but with No. 5, 11½ in. and No. 7, 19½ in. Adjustable Tap Wrenches, Weight Per Set About 31 Lbs. $32.00

Complete in Case.

No. 114.

Each

No. 114 Set—9 Sizes Taps, Dies and Guides, with 35 in. Stock, Weight Per Set About 36 Lbs. $40.00

Sizes, Inches	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4
Threads	16	14	13	11	10	9	8	7	7

(Diameter of Dies 2¾ in.)

Each

No. 1140 Set—Same as Above, but with One Each Nos. 5 and 7½ Adjustable Tap Wrenches. $42.70

Complete in Case.

No. 1118.

Each

No. 117 Set—9 Sizes Taps, Dies and Guides, One Stock Each 18 and 29 in. Long, Weight Per Set About 29 Lbs. $33.35

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads	20	18	16	14	13	11	10	9	8

(Diameter of Dies 7/16 in. and Under, 2 5/16 in.; ½ in. and Over, 2¾ in.)

Each

No. 1118 Set—Same as Above, but with No. 5, 11½ in. and No. 7, 19½ in. Adjustable Tap Wrench, Weight Per Set About 33 Lbs. $34.70

Complete in Case.

Green River Screw Plates.

V Threads 1/32 in. Oversize.

No. 119.

Each

No. 119 Set—11 Sizes Taps, Dies and Guides, 1 Stock Each, 18 and 35 in. Long, Weight Per Set About 37 Lbs. **$48.00**

Size, Inches	¼	5/16	⅜	7/16	½	5/8	¾	⅞	1	1⅛	1¼
Threads	20	18	16	14	13	11	10	9	8	7	7

(Diameter of Dies, 7/16 in. and Under, 2 3/16 in.; ½ in. and Over, 2¾ in.)

Complete in Case.

No. 120.

Each

No. 120 Set—13 Sizes Taps, Dies and Guides, 1 Stock Each, 22 and 50 in. Long, Weight Per Set About 59 Lbs. **$70.70**

Size, Inches.	¼	5/16	⅜	7/16	½	5/8	¾	⅞	1	1⅛	1¼	1⅜	1½
Threads	20	18	16	14	13	11	10	9	9	7	7	7	6	6

Diameter of Dies, ¾ in. and Under, 2 3/16 in.; ⅞ in. and Over, 3 7/16 in.

Complete in Case.

Automobile Screw Plates.

S. A. E. (Formerly A. L. A. M.) Standard Thread.

GREEN RIVER

No. 1462.

Each

In Hardwood Case.

No. 1460 Set—5 Sizes Taps, Dies and Guides, S. A. E. (Formerly A. L. A. M.) Standard, with 18 in. Stock and No. 5 Adjustable Tap Wrench, Weight Per Set About 12 Lbs. **$14.35**

Size, Inches	¼	5/16	⅜	7/16	½
Threads	28	24	24	20	20

(Diameter of Dies 2 3/16 in.)

Each

No. 1462 Set—11 Sizes Taps, Dies and Guides, with 22 in. Stock and No. 5, 11½ in. and No. 7, 19½ in. Adjustable Tap Wrenches, Weight Per Set About 27 Lbs. **$36.00**

Size, Inches	¼	5/16	⅜	7/16	½	9/16	5/8	11/16	¾	⅞	1
Threads	28	24	24	20	20	18	18	16	16	14	14

Complete in Case.

LIGHTNING

In Leather Roll. Each

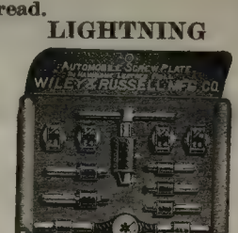
No. 1470 Set—7 Sizes Round Adjustable Dies and Plug Taps, S. A. E. (Formerly A. L. A. M.) Standard, with 14 in. Stock, in Handsome Leather Roll, Weight Per Set About 4 Lbs. **$18.00**

Size, Inches	¼	5/16	⅜	7/16	½	9/16	5/8
Threads	28	24	24	20	20	18	18

(Diameter of Dies 1½ in.)

Complete in Roll.

LIGHTNING



In Leather Roll. Each

No. 1475—5 Sizes Tap and Dies, S. A. E. (Formerly A. L. A. M.) Standard, with 9 in. Stock and Adjustable T Tap Wrench, Weight Per Set About 3 Lbs. **$13.35**

Size, Inches	¼	5/16	⅜	7/16	½
Threads	28	24	24	20	20

(Diameter of Dies 1 in. Outside.)

Complete in Roll.

In Leather Roll. Each

No. 1474 Set—Combination Set, 7 Sizes Round Adjustable Dies and Plug Taps, A. L. A. M. Standard, with 13 in. Stock and No. 5 Adjustable Tap Wrench, Dies for Iron Pipes, Sizes ⅛, ¼ and ⅜ in., Taper Pin Reamers Nos. 0, 1, 2, 3, 4, 5 and 6 in Handsome Leather Roll, Weight Per Set About 5½ Lbs. **$45.35**

Size, Inches	¼	5/16	⅜	7/16	½	9/16	5/8
Threads	28	24	24	20	20	18	18

(Diameter of Dies 1½ in.)

Complete in Roll.

Screw Plates.

GREEN RIVER

V Thread 1/32 in. Oversize. — Each

No. 0 Set—10 Sizes Taps, Dies and Guides, with 6 in. Stock and T Style Tap Wrench, Weight Per Set About 2 Lbs. **$13.00**

Size, Inches...	1/16	5/64	3/32	7/64	1/8	5/32	3/16	7/32	1/4
Threads	64	64	50	50	40	40	36	30	28	20

(Adjustable Dies, 7/8 in. Diameter, Case Hardened Guides.)

Complete in Case.

LIGHTNING

No. 1223—Full Mounted.

V Thread 1/32 in. Oversize. — Each

No. 222 Set—7 Sizes Taps, Dies and Stocks, Weight Per Set About 30 Lbs. **$21.35**

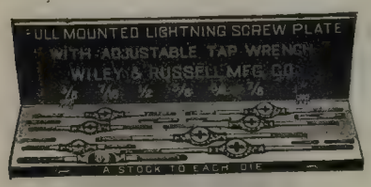
Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Threads	20	18	16	14	13	11	10

Each

No. 1223 Set—Same as Above, but with No. 6, 15 in. Adjustable Tap Wrench, Weight Per Set About 28 Lbs. **$22.70**

Complete in Case.

LIGHTNING



No. 1227—Full Mounted.

V Thread 1/32 in. Oversize. — Each

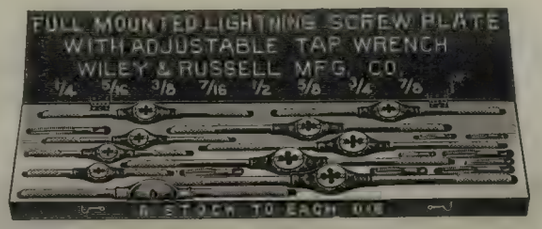
No. 226 Set—7 Sizes Taps, Dies and Stocks, Weight Per Set About 37 Lbs. **$29.35**

Size, Inches	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads	16	14	13	11	10	9	8

Each

No. 1227 Set—Same as Above, but with No. 7, 19½ in. Adjustable Tap Wrench, Weight Per Set About 37 Lbs. **$30.70**

Complete in Case.



No. 1229—Full Mounted.

V Thread 1/32 in. Oversize. — Each

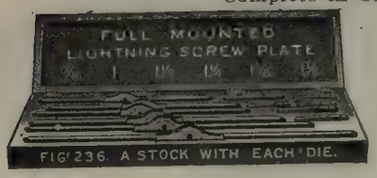
No. 228 Set—9 Sizes Taps, Dies and Stock, Weight Per Set About 39 Lbs. **$35.35**

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads	20	18	16	14	13	11	10	9	8

Each

No. 1229 Set—Same as Above, but with No. 5, 11½ in. and No. 7, 19½ in. Adjustable Tap Wrenches, Weight Per Set About 39 Lbs. **$36.70**

Complete in Case.



Full Mounted.

V Thread 1/32 in. Oversize.

Each

No. 236 Set—6 Sizes Taps, Dies and Stocks, Weight Per Set About 45 Lbs. .. **$60.00**

Size, Inches	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
Threads	9	8	7	7	6	6

Complete in Case.

Lightning Taps Dies and Holders.

For Use in Bit Brace, V Thread 1/32 in. Oversize.

Inches	1/16	1/4	1/4	3/8	7/16
Threads Per Inch.....	24	20	18	16	14
Die, Tap and Holder, Complete.....Per Set,	$3.00	3.00	3.05	3.55	3.70
Dies Only .....Each,	1.56	1.56	1.56	1.56	1.80
Taps Only .....Each,	.78	.78	.86	.95	1.10

Weight of Die, Tap and Holder, About 1⅛ Pounds; Weight of Dies About ⅜ Pound; Weight of Tap, About 1 Ounce.

Open Stock.

Adjustable Tap Wrenches.

LIGHTNING

Best Tool Steel Jaws, Drop Forged Body, Knurled Steel Tubing Handles, Mottled Finish.

Nos.	00	0	4	5	6	7	*7½
Length, Inches	5½	7½	9	11½	15	19½	31
Capacity Hand Taps, Sizes, In...	7/32 & Smaller	1/16 to 1/4	1/16 to 1/2	3/32 to 1/2	3/32 to 3/4	3/8 to 1	7/16 to 1 1/4
Capacity Pipe Tap, Sizes, In...	....	....	1/8	1/8 to 1/4	1/8 to 3/8	1/8 to 3/4	1/4 to 1
Weight Each, Lbs.....	1/8	1/4	1/2	3/4	2	3 1/2	4 1/2
Each	$2.00	2.35	2.75	3.15	3.90	5.50	10.15

*The No. 7½ Wrench has Malleable Iron Body.

The Nos. 6 to 7½ Wrenches will fit both Hand and Pipe Taps as shown above. The adjustment is obtained by the Revolution of one of the Handles.

One in a Cardboard Box.

Tap Wrenches.

DIAMOND

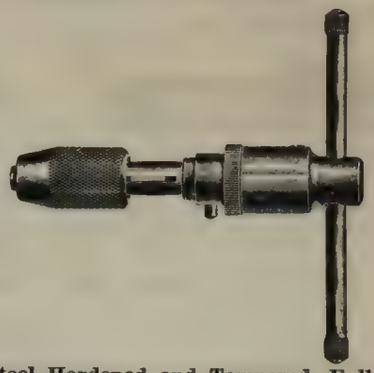
Finest Steel, Carefully Hardened and Tempered.

Per Dozen

No. 4D—Hold Taps from 0 to ¼ in., Length of Shank 2⅝ in., Length of Handle 3¼ in., Weight Per Dozen About 2 Lbs.....**$6.75**

One-half Dozen in a Box.

DIKEMAN RATCHET



Special Steel Hardened and Tempered, Full Polished.

Per Dozen

No. 146—Hold Hand Taps ¼ to ½ in., Length 5⅝ in., Length of Handle 5⅝ in., Weight Per Dozen 9 Lbs.....**$28.90**

One-twelfth Dozen in a Box.

Green River Dies

2 3/16 in. Diameter Outside, V Thread, 1/32 in. Oversize.

Size, Inches	7/16	¼	½	⅝
Threads to Inch	24	20	18	16
Per Set, without Guides	$1.95	1.95	1.95	2.35
Size, Inches	7/16	½	⅝	¾
Threads to Inch	14	13	10 & 11	10
Per Set, without Guides	$2.35	2.35	2.75	3.15

Average Weight Each About ½ Pound.

Each

Extra Guides for 2 3/16 in. Diameter Green River Die, Weight Each About 7/16 Lb.....**$0.40**

The cut shows a Die and Guide complete; also a Sectional View to show the mechanism. The cup-headed screw on the right holds the halves together as a hinge, while the size is regulated by the Taper Head screw on the left, the Die being clamped in the Elastic Stock. It is readily adjusted.

Each

2¾ in. Diameter Outside, V Thread, 1/32 in. Oversize.

Size, Inches	3/16	¼	5/16	⅜	7/16
Threads to Inch	24	20	18	16	14
Per Set, without Guides	$1.95	1.95	1.95	2.35	2.35
Size, Inches	½	⅝	¾	⅞	1
Threads to Inch	13	10 & 11	10	9	8
Per Set, without Guides	$2.35	2.75	3.15	3.90	4.75

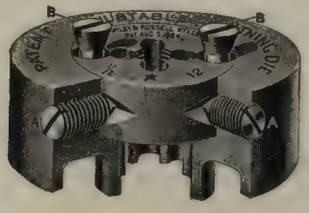
Average Weight Each About ⅞ Pound.

Each

Extra Collets for 2¾ in. Diameter Green River Die, Weight Each About ¾ Lb.....**$0.40**

When Ordering Green River Dies, State Outside Diameter of Same.

Lightning Dies.



The Taper-Headed Screws, B B, regulate the size. Two Binding Screws, not shown in cut, are placed opposite the two shown, A A.

In adjusting the Die, the Binding Screws, A A, are first slackened, and the size required fixed by moving the Taper-Headed Screws, B B, in or out; after which the Binding Screws, A A, are set very tight the last thing.

Size, Inches	3/16	¼	5/16	⅜	7/16	½	5/8	¾	⅞	1
Threads to Inch	24	20	18	16	14	13	10 & 11	10	9	8
Outside Diameter, Inches	1 7/16	1 7/16	1 7/16	1 7/16	1 11/16	1 11/16	1 13/16	2 3/16	2 3/16	2 3/16
Thickness, Inches	½	½	½	½	⅝	⅝	⅝	¹¹/₁₆	⅞	1
Weight Each About, Lbs	¼	¼	¼	¼	⅜	⅜	½	1	1	1
Per Set, without Collet	**$1.56**	**1.56**	**1.56**	**1.80**	**2.05**	**2.35**	**2.75**	**3.15**	**3.90**	**4.70**

Each

Extra Collets—Weight Each About 1 Lb.....**$0.80**

Screw Plate Stocks.

Elastic, Case Hardened, Gunlock Finish, Knurled Steel Tubing Handles, for All Regular Lightning and Green River Screw Plates.

Length, Inches	18	22	29	35
Diam. of Socket, Inches	2 3/16	2 ¾	2 ¾	2 ¾
Weight Each, Lbs	2	2 ¼	3	4 ¼
Each	$3.15	3.15	3.15	6.30

Machinists' Hand Taps.

TAPER PLUG BOTTOMING

U. S. Standard Thread, Exact Size.

Exact Size, Inches	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
Threads to Inch	24	20	18	16	14	12	12	11	11	10	10	9	9	8
Total Length, Inches	2 1/2	2 1/2	2 23/32	2 15/16	3 5/32	3 3/8	3 13/16	3 13/16	4 3/32	4 1/4	4 15/32	4 11/16	4 29/32	5 1/8
Ap. Wt. Per Dozen, Lbs.	1/4	1/2	5/8	3/4	1	1 5/16	1 7/8	2 1/4	2 3/4	3 1/4	4 1/2	5 3/4	7	8
Each	$0.26	.34	.38	.41	.45	.53	.60	.68	.79	.90	1.05	1.20	1.35	1.50

In Sets One Each Taper, Plug and Bottoming.

Exact Size, Inches	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
Ap. Wt. Per Set, Lbs.	1/8	1/8	1/4	1/4	1/4	3/8	1/2	5/8	3/4	3/4	1 1/8	1 1/2	1 3/4	2
Per Set	$0.78	1.02	1.14	1.24	1.35	1.59	1.80	2.04	2.37	2.70	3.15	3.60	4.05	4.50

Open Stock.

Taper Taps.

"V" Thread 1/32 in. Oversize, For Lightning and Green River Screw Plates.

Size, Inches	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Threads to Inch	24	20	18	16	14	12	10 & 11	10	9	8
Length, Inches	2 1/2	2 1/2	2 23/32	2 15/16	3 5/32	3 3/8	3 13/16	4 1/4	4 11/16	5 1/8
Ap. Wt. Per Dozen, Lbs.	1/4	1/2	5/8	3/4	1	1 5/16	2 1/4	3 1/4	5 3/4	8
Each	$0.26	.34	.38	.41	.45	.53	.68	.90	1.20	1.50

Open Stock.

Pump Makers' Stocks and Dies.

LIGHTNING

"V" Thread, 1/32 in. Oversize.

Each

No. 900—14 in. Double Stock, with One Die Each, 3/8 in. 14 Thread and 7/16 in. 12 Thread, Weight Each About 2 Lbs. $3.60

(Dies 1 7/16 in. Diameter.)

Open Stock.

EXTRA DIES FOR No. 900

Size, Inches	3/8	7/16
Thread, Inches	14	12
Diameter, Inches	1 7/16	1 7/16
Thickness, Inches	1/2	1/2
Weight Each About, Lbs.	1/4	1/4
Each	$2.65	3.00

Open Stock.

"V" Thread, 1/32 in. Oversize.

Each

No. 901—16 in. Triple Stock, with One Die Each, 3/8 in. 14 Thread, 7/16 in. 12 Thread and 1/2 in. 12 in. Thread, Weight Each About 3 Lbs. ... $6.30

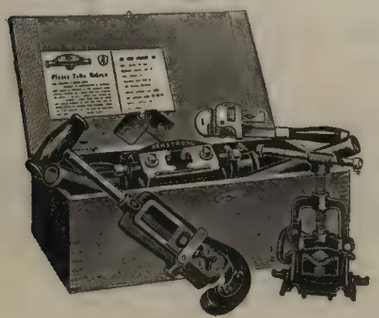
(3/8 and 7/16 in. Dies, 1 7/16 in. Diameter; 1/2 in. Die, 1 11/16 in. Diameter).

Open Stock.

EXTRA DIES FOR No. 901

Size, Inches	3/8	7/16	1/2
Thread, Inches	14	12	12
Diameter, Inches	1 7/16	1 7/16	1 11/16
Thickness, Inches	1/2	1/2	9/16
Weight Each About, Lbs.	1/4	1/4	1/4
Each	$2.65	3.00	3.45

Open Stock.



Combination Pipe Kits.

ARMSTRONG

In Hardwood Box.

Each

No. B1—**Pipe Kit**, Containing 1 No. A2 Armstrong Stock with Right Hand Die, 1/4 to 1 in., Put Up with Bard Adjustable Bushing, 1 Model B 1/8 to to 1 1/4 in. Armstrong Pipe Cutter, One Armstrong Junior Hinged Pipe Vise 1/8 to 1 1/4 in. and One 10 in. Armstrong Pipe Wrench with 1/8 to 1 in. Capacity $14.00

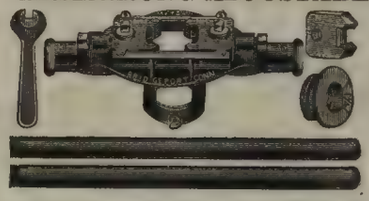
Weight Per Kit About 60 Pounds.

One Set in a Box.

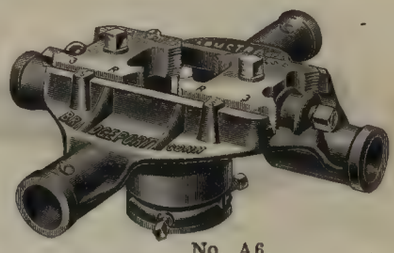
Pipe Stocks and Dies.

ARMSTRONG ADJUSTABLE

No. A2.

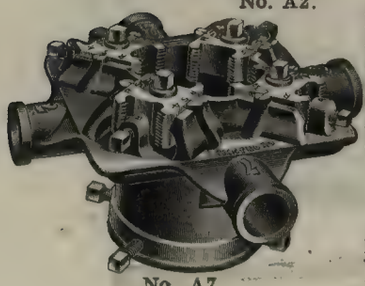


No. A3.



No. A6.

For Threading Pipe and Fittings.
Japanned Iron Malleable Stock, Tubular Wrought Steel Handles, Right Hand Tempered Tool Steel Dies, Standard Threads.



No. A7.

Nos.		Each
A1	—4 Single End Dies, Threads Pipe ⅛, ¼, ⅜ and ½ in., Length 21 in., Wt. 5½ Lbs..	$ 5.00
A2	—5 Single End Dies, Threads Pipe ¼, ⅜, ½, ¾ and 1 in., Lgth. 35½ in. Wt. 19 Lbs.	6.70
A2½	—4 Double End Dies, Threads Pipe ½, ¾, 1 and 1¼ in., Length 37 in., Wt. 20 Lbs..	6.70
A3	—4 Single End Dies, Threads Pipe 1, 1¼, 1½ and 2 in., Length 57 in., Wt. 39 Lbs..	13.35
A6	—2 Double End Dies, Threads Pipe 2½ and 3 in., Length 78 in., Wt. 75 Lbs.....	26.65
A7	—8 Double End Dies, Threads Pipe 2½, 3, 3½ and 4 in., Length 78 in., Wt. 90 Lbs..	40.00

Nos. A6 and A7 Stock and Dies have Four Arms, Balance Only Two Arms.
One Set in a Box.

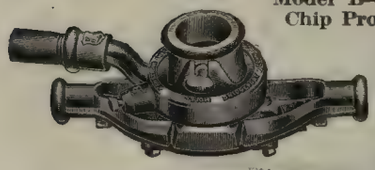
EXTRA DIES FOR ABOVE

Either Right or Left Hand Thread.

For Stock Nos.	A1	A2	A2½	A3	A6	A7
Weight Each, Lbs.	¼	¾	1½	2½	6¼	11
Each	$0.85	1.00	2.20	2.70	10.00	10.65

A Die consists of 2 Pieces, except the No. 7 which has 4 Pieces.
One in a Box.

Ratchet Attachments.



Model B—Malleable Iron, Dust and Chip Proof, Interchangeable Parts.

For Stock Nos.	A2	A2½
Wt. Ea., Lbs.	3	4
Each	$3.85	4.00

For Stock No.	A3
Wt. Ea., Lbs.	6¼
Each	$4.70

With this Attachment any Armstrong Stock becomes a Ratchet Stock and Die. Can be used either Right or Left by reversing pawl without removing from stock.
One in a Box.

Bard Adjustable Bushings.

Fitted with Hardened Jaws, Moved to and from Center by Means of a Cam Plate.

Nos.	1	2
For Stock Threading Inches, and Smaller	½	1
Ap. Weight Each, Lbs.	¾	1¾
Each	$2.50	2.80
Nos.	**2½**	**3**
For Stock Threading Inches, and Smaller	1¼	2
Ap. Weight Each, Lbs.	2½	5
Each	$3.35	4.45

One in a Box.

Pipe Stock and Dies.

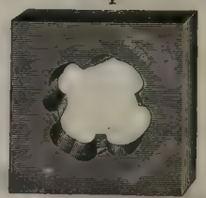
Malleable Iron Frame, Japanned, Detachable Steel Handles, Tempered Steel Dies, Fitted with Brass Plate.

Nos.	0	1	1½
Threads Pipe, Inches	⅛ to ½	¼ to 1	¾ to 1¼
Length, Inches	30	36	43
Weight Each, Lbs.	8	14	17
Each	$5.30	8.35	7.50

Nos.	1¾	2	3
Threads Pipe, Inches	1 to 1½	1¼ to 2	2½ to 3
Length, Inches	43	51	86
Weight Each, Lbs.	17	27	70
Each	$7.50	11.10	23.90

One in a Box.

Solid Pipe Dies.



Fine Tool Steel, Either Right or Left Hand, for Pipe Stock.

For Stock Nos.	0	1	1½
Inches Square	2	2⅜	3
For Pipe, Inches	⅛, ¼, ⅜, ½	¼, ⅜, ½, ¾, 1	¾, 1, 1¼
Ap. Wt. Each, Lbs.	½	1	1½
Each	$0.85	1.12	1.40

For Stock Nos.	1¾	2	3
Inches Square	3	3⅞	4⅞
For Pipe, Inches	1, 1¼, 1½	1¼, 1½, 2	2½, 3
Ap. Wt. Each, Lbs.	1½	2¾	4
Each	$1.40	1.95	5.00

Open Stock.

Pipe Reamers.

Fine Tool Steel.

Diameter, Inches	⅛	¼	⅜	½	¾	1
Weight Each, Lbs.	⅛	⅛	¼	½	¾	1
Each	$0.40	.45	.54	.70	.90	1.12

Diameter, Inches	1¼	1½	2	2½	3
Weight Each, Lbs.	1¾	2½	4½	7	11
Each	$1.35	1.65	2.25	3.75	5.35

Open Stock.

Pipe Taps.

Fine Tool Steel, with Either Right or Left Hand Thread.

Diameter, Inches	⅛	¼	⅜	½	¾	1
Weight Each, Lbs.	⅛	⅛	¼	½	¾	1
Each	$0.40	.45	.54	.70	.90	1.12

Diameter, Inches	1¼	1½	2	2½	3
Weight Each, Lbs.	1¾	2½	4½	7	11
Each	$1.35	1.65	2.25	3.75	5.35

Open Stock.

Farriers' Knives.

POPE'S

Japanned Iron Handle, Crucible Steel, Detachable Blade.

	Per Dozen
No. 1—Assorted, ⅝ or ¾ in., Weight Per Dozen About 4 Lbs.	$6.15
Extra Blades—⅝ and ¾ in.	5.00

One-half Dozen in a Box.

WOSTENHOLM'S IXL.

Solid Bone Handle, Crucible Steel Blade.

	Per Dozen
No. 7884—Assorted ⅝ and ¾ in., Weight Per Dozen About 3 Lbs.	$7.80

One-half Dozen in a Package.

Bolt Cutters.

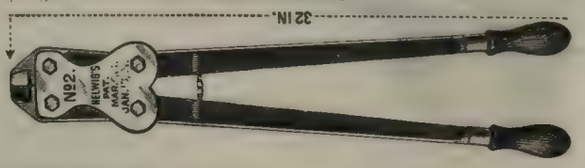
NEW EASY

Compound Lever Action, Tempered Tool Steel Jaws, Adjustable, Japanned Malleable Iron Handles, with Rubber Bumpers.

Nos.	0E	1E	2E	3E
Length, Inches	18	24	30	36
Cuts Bolt, Inches	5/16	⅜	½	⅝
Weight Each, Lbs.	3¾	6	9¼	13¼
Each	$3.40	4.50	6.30	8.10
Extra Jaws .. Per Pair,	$1.25	1.50	2.15	2.70

Open Stock.

HELWIG'S

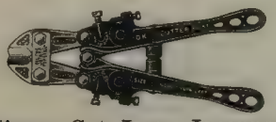


High Grade Material, Bolted with Only 4 Bolts, One for Each Knife and One for Each Handle, Interchangeable Parts.

Nos.	4H	3H	2H	1H
Length, Inches	18	26	32	40
Cuts Bolt, Inches	⅜	½	5/16	¾
Weight Each, Lbs.	2½	5	7½	15
Each	$7.10	9.90	12.75	18.40

Open Stock.

O. K.



Tempered Steel Clipper Cut Jaws, Japanned Malleable Iron Frame, Interchangeable Parts.

	Each
No. 10—10 in. Long, Cuts 5/16 in. Annealed Bolts in the Thread or 5/16 in. Soft Rivets, Weight Per Pair About 1½ Lbs.	$2.00

Open Stock.

Tempered Steel Clipper Cut Jaws, Japanned Malleable Iron Frame, Interchangeable Parts.

	Each
No. 14—14 in. Long, Cuts ¼ in. Annealed Bolts in the Thread or ¼ in. Soft Rivets, Weight Per Pair About 2 Lbs. 5 Oz.	$2 50

Open Stock.

HANDY, SIDE CUTTING

Side Cutting, Highest Grade Tool Steel Jaws, Japanned Malleable Iron Handles, Steel Pin Bumper.

	Each
No. 2/0—12 in. Long, Cuts ¼ in. Bolts, Weight Each 2 Lbs.	$1.80

For use in Automobile, Blacksmith and all other Shops and Places where a ¼ in. Cutter is needed.

Open Stock.

HANDY, DIAGONAL

Diagonal, Highest Grade Tool Steel Jaws, Japanned Malleable Iron Handles, Steel Pin Bumper.

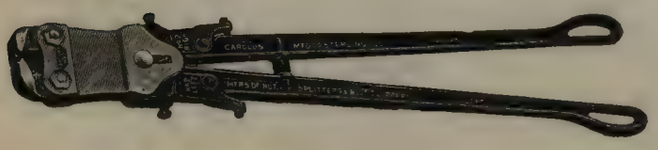
	Each
No. 3/0—12 in. Long, Cuts ¼ in. Bolts, Weight Each 2 Lbs.	$1.80

For use in Automobile, Blacksmith and all other Shops and Places where a ¼ in. Cutter is needed.

Open Stock.

Bolt Clippers and Nut Splitters.

CAROLUS



Nut Splitter with Straight and End Cut Bolt Clipper, Iron Frame, Steel Cutter, Malleable Iron Handle, Japanned.

Nos.	1N	2N
Length, Inches	24	31
Cuts Bolt, Inches	⅜	½
Weight Each, Lbs.	6	11
Each	$6.45	8.90

One in a Package.

Blacksmiths' Hand Tools.

SWAGES

Best Quality Cast Steel, Black Japan Finish.
Used for Shaping, Sizing and Smoothing Round Forgings.

TOP SWAGE

No. 1190.

No. 1190—Top Swage.

Inches	¼	⅜	½	⅝	¾	⅞
Ap. Weight Each, Lbs.	2½	2½	2½	2½	3¼	3¼
Each	$0.90	.90	.90	1.00	1.25	1.25
Inches	1	1¼	1⅜	1½	1¾	2
Ap. Weight Each, Lbs.	3¼	3¾	3¾	4¼	4¾	4¾
Each	$1.25	1.40	1.55	1.55	1.75	1.75

No. 1200—Bottom Swage.

Inches	¼	⅜	½	⅝	¾	⅞
Ap. Weight Each, Lbs.	2	2	2½	2½	2½	2½
Each	$0.90	.90	.90	1.00	1.25	1.25
Inches	1	1¼	1⅜	1½	1¾	2
Ap. Weight Each, Lbs.	3	3	3½	3½	4	4½
Each	$1.25	1.40	1.55	1.55	1.75	1.75

BOTTOM SWAGE

No. 1200.

The size given is that Diameter of Round Bar to which the Swage will finish. The length of working groove varies from 2½ to 3½ in.

Open Stock.

FULLERS

Best Quality Cast Steel, Black Japan Finish.
Used for Necking and Grooving Forgings, also for Drawing Down a Forging to a Smaller Section.

TOP FULLER

No. 1210.

No. 1210—Top Fuller.

Inches	¼	⅜	½	⅝	¾	⅞
Ap. Weight Each, Lbs.	2½	2¾	2¾	2¾	2¾	3
Each	$0.90	1.00	1.00	1.10	1.10	1.25
Inches	1	1¼	1⅜	1½	1¾	2
Ap. Weight Each, Lbs.	3	3½	3½	3½	4	4½
Each	$1.25	1.35	1.35	1.55	1.65	1.80

No. 1220—Bottom Fuller.

Inches	¼	⅜	½	⅝	¾	⅞
Ap. Weight Each, Lbs.	2¼	2¼	2¼	2½	2½	2½
Each	$0.90	1.00	1.00	1.10	1.10	1.25
Inches	1	1¼	1⅜	1½	1¾	2
Ap. Weight Each, Lbs.	2½	3½	3½	3½	4	4½
Each	$1.25	1.35	1.35	1.55	1.65	1.80

BOTTOM FULLER

No. 1220.

The size given is the Diameter of the Working Edge. The length varies from 2½ to 3½ in. Open Stock.

HARDIES

No. 1310.

HARDIES

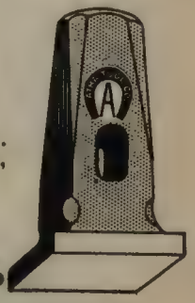
Best Quality Cast Steel, Black Japan Finish.
This Tool Sets in Anvil and is Used for Cutting Off Forgings.

No. 1310—Hardies.

Square Shank, Inches	¾	⅞	1
Width of Bit, Inches	1⅞	2	2¼
Weight Each, Lbs.	1¼	1¾	2
Each	$0.60	.70	.75

Open Stock.

FLATTERS



No. 1230.

FLATTERS

Best Quality Cast Steel, Black Japan Finish.
For Smoothing and Finishing Flat Forgings, No Bottom Tool Required, the Anvil Serving as Such.

No. 1230—Square.

Face, In.	2	2¼	2½	2¾	3
Wt. Ea., Lbs.	2	2¼	3¼	3½	4½
Each	$1.15	1.35	1.45	1.70	1.90

Open Stock.

CREASERS

No. 1320—Best Quality Cast Steel, Black Japan Finish, For Creasing Horseshoes.

Inches	1
Length, Inches	4⅝
Ap. Weight Per Dozen, Lbs.	12
Per Dozen	$7.00

Open Stock.

SET HAMMERS

No. 1250—Best Quality Cast Steel, Black Japan Finish.

For Setting Down Metal in a Forging to Form a Square Corner at the Point where the Section Changes.

Face, Inches	1¼	1½
Weight Each, Lbs.	2	3¼
Each	$0.90	1.25

Open Stock.

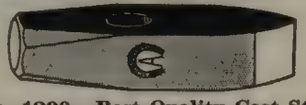
HOT CHISELS

No. 1300—Best Quality Cast Steel, Black Japan Finish.

Cutting Edge, Inches	1⅜	1½
Stock at Eye, Inches	1	1⅛
Length, Inches	6	6¾
Weight Each, Lbs.	1¼	1½
Each	$0.56	.70

Open Stock.

COLD CHISELS



No. 1290—Best Quality Cast Steel, Black Japan Finish.

Cutting Edge, In.	1¼	1⅜	1½
Stock at Eye, In.	1¼	1⅜	1½
Length, Inches	5⅞	6⅛	6¼
Wt. Each, Lbs.	2	2½	3
Each	$0.80	.95	1.15

Open Stock.

ROUND PUNCHES

No. 1270—Best Cast Steel, Black Lead Finish.

Inches	⅜	7/16	½
Sq. at Eye of Stock, In.	1¼	1¼	1¼
Length, Inches	7¼	7¼	7½
Weight Each, Lbs.	1¾	2	2
Each	$0.80	.80	.80
Inches		⅝	¾
Sq. at Eye of Stock, In.		1¼	1¼
Length, Inches		7	8
Weight Each, Lbs.		2	2½
Each		$0.95	1.00

The size given is the size of Punch Face. Open Stock.

Blacksmiths' Tongs.

STRAIGHT LIPPED

Drop Forged Solid Steel, Black Japan Finish.

Nos.	0	1	2
Length, Inches	16	18	20
Ap. Wt. Per Dozen, Lbs.	30	33	35
Per Dozen	$8.90	9.10	9.65

Nos.	3	4	5
Length, Inches	22	24	26
Ap. Wt. Per Dozen, Lbs.	38	40	43
Per Dozen	$10.40	11.75	12.45

Used for holding flat thin work. On account of the heavy stock, they may be shaped by the Blacksmith to suit his individual work.

Open Stock.

CURVED LIP FLUTED JAW

Round Bolt.

Drop Forged Solid Steel, Black Japan Finish.

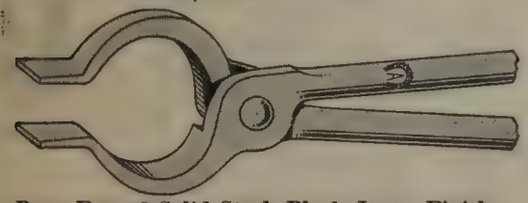
Nos.	12A	12B	12C	12D	12E
Length, Inches	18	18	20	20	22
To Hold Round Bolts In.	¼	5/16	⅜	½	⅝
Ap. Wt. Dozen, Lbs.	32	32	34	34	37
Per Dozen	$10.90	10.90	11.80	11.80	13.55

Nos.	12F	12G	12H	12I
Length, Inches	22	24	24	24
To Hold Round Bolts, In.	¾	⅞	1	1¼
Ap. Wt. Dozen, Lbs.	37	39	39	39
Per Dozen	$13.55	15.60	15.60	15.60

These are used for holding Bolts or other Round Work. The opening between the Jaws and the Hinge allows ample space for the Head of Bolt.

Open Stock.

GAD, FLAT JAWS



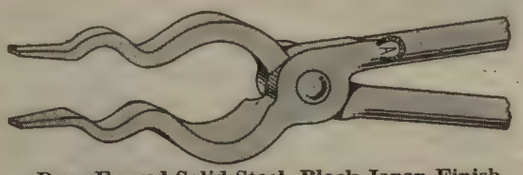
Drop Forged Solid Steel, Black Japan Finish.

Nos.	20	21
Length, Inches	20	24
Approx. Weight Per Dozen, Lbs.	33	38
Per Dozen	$11.80	15.60

For general forging purposes.

Open Stock.

DOUBLE PICK UP



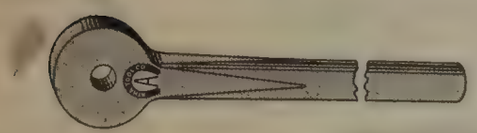
Drop Forged Solid Steel, Black Japan Finish.

No.	25
Length, Inches	22
Approx. Weight Per Dozen, Lbs.	36
Per Dozen	$16.50

Used for picking up hot work either flat or round.

Open Stock.

Blacksmith Heading Tools.



Drop Forged Steel, Black Japan Finish.

Diam. of Hole, Inches	⅜	7/16	½	⅝	¾
Length, Inches	15	15	15	15	18½
Weight Each, Lbs.	3	3	3	3	4½
Each	$1.25	1.25	1.25	1.55	1.55

Used for holding Bolts while forming the Head.

Open Stock.

Tire Measuring Wheels.

GREEN RIVER

Drop Forged Wheel, Raised Figures and Lines, with Polished Steel Index Hand, Japanned.

	Each
No. 1—24 in. in Circumference, Weight Each 1½ Lbs.	$2.65

The Index Hand saves trouble of marking with chalk and the whole made of metal is light, accurately fitted, handy and strong.

Three in a Box.

Paint Mills.

Nos. 4 and 3.

Cast Iron Hopper and Frame, Malleable Iron Crank.

	Each
No. 4—5 in. Diameter of Grinders, 4 in. Deep, Hopper Capacity 1 Quart, Weight Each 15 Lbs.	$ 8.45
No. 3—6 in. Diameter of Grinders, 5 in. Deep Hopper, Capacity ½ Gallon, Weight Each 22 Lbs.	11.65
No. 2—7¼ in. Diameter of Grinders, 6 in. Deep Hopper, Capacity 1 Gallon, Weight Each 40 Lbs.	14.45

One in a Crate.

No. 2.

DEPARTMENT No. 2

FARMING IMPLEMENTS

AND

MISCELLANEOUS HARDWARE

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 2

FARMING IMPLEMENTS

AND

MISCELLANEOUS HARDWARE

Hay Forks
Barley Forks
Header Forks
Manure Forks
Spading Forks

Garden Cultivators
Pruning Shears
Measures
Wire Stretchers
Wire

Screens
Trucks
Rope
Hoes
Rakes

Scythes
Corn Knives
Tackle Blocks
Lawn Mowers
Grass Catchers

Grass Hooks
Hay Knives
Corn Planters
Husking Pins
Husking Gloves

Garden Hose
Lawn Sprinklers
Hay Carriers
Hay Fork Pulleys
Shovels

Spades
Scoops
Fencing
Wheelbarrows
Cant Hooks

Lifting Jacks
Chain
Bells,
Lead Pipe
Well Buckets

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

INDEX.

A

Page

Alfalfa Forks 402
All-Round Trucks 482
Animal Catchers 517
Asparagus Knife 415
Assortments—Scythe Stone ..420, 421
Atomizers—Plant 434
Attachments—Garden Drill 411
Augers—Post Hole 463, 464
Automobile Lifting Jacks.....504, 505
Auto Storage Stands..... 505

B

Bag Trucks 480
Bale Ties 469
Banana Hoists 499
Band Knives 423
Bands—
  Hose 432
  Poultry Leg 523
  Wrist 447
Barbed Wire 468
Barbed Wire Lifters 467
Barbed Wire Truck 482
Bark Forks 406
Bark Spuds 493
Barley Fork Handles 416, 417
Barley Forks 402, 403
Barn Shovels 462
Barrel Carts 489
Barrel Tray Barrows 486
Barrel Trucks .....480 to 482
Barrel Pump 435
Barrett Jacks 506
Barrows—
  Barrel Tray 486
  Coal 485, 486
  Concrete 484, 485
  Contractors' .....483 to 485
  Dirt 486
  Dump 487
  Garden 487
  Mining 484
  Mortar 487
  Railroad 486
  Saw Dust 486
  Steel .....483 to 486
  Steel Tray 486
  Stone 488
  Tile 488
  Tubular 484, 485
  Wheel .....483 to 488
Baskets—
  Clothes 450
  Coal 450
  Factory 450
  Farm 450
  Grain 449
  Laundry 450
  Market 450
  Splint 450
  Stave 449
  Wire 449
Bean Planters 442
Feet Forks 412
Beet Hoes 412
Beet Tools 412
Beet Topping Knives..... 412
Beet Weeders 412
Belgium Ointment 435
Bells—
  Call 521
  Cow 519
  Farm 520
  Hand 520
  Milkmen's 520
  Sheep 520
  Stock 519
Binders—Load 493
Blades—Tree Pruner 425

B

Page

Block Sheaves—
  Loading 499
  Snatch 499
  Tackle 499
Blocks—
  Derrick 497, 498
  Hoisting..497, 498, 500 to 503
  Loading 498
  Log Jammer 499
  Lumbermen's 499
  Malleable Snatch 496
  Malleable Tackle 496
  Snatch 496, 497, 498
  Snatch Pulley 438
  Steel Snatch 497, 498
  Steel Tackle 496, 497
  Stop, Hay Carrier..... 438
  Tackle .....495 to 497
  Wood Snatch 496
  Wood Tackle 495
Boilers—Farmers' 521
Bolts—
  Cant Hook 493
  Peavy 493
  Link 524
  Snath 419
  Tension 469
Bone and Corn Mills..... 427
Bone Cutters 426
Boot Calk Sets 494
Boot Calks 494
Border Knives 415
Border—
  Flower Bed 469
  Lawn 469
Boxes—
  Grit 523
  Shell 523
Box Strapping 469
Boys' Hoes 408
Braces—Cradle 420
Brackets—
  Fork and Shovel..... 426
  Hay Rack 441
  Hoe 426
  Implement 426
  Rafter 438
  Rake 426
  Shovel 426
  Sink 524
Brick Hods 488
Brood Coops—Poultry 523
Brush Hooks 424
Brush Scythes 420
Bucket Pump 435
Buckets—
  Rubber 526
  Well, Wood 526
Bull Chains 518
Bull Punches 518
Bull Rings 518
Bull Snaps 518
Bush Hooks 424
Bush Scythe Snaths 419
Bush Scythes 420

C

Cable Chain 512
Caldron Kettle 521
Calf Weaners 518
Calk Sets 494
Calks—
  Boot 494
  Screw 494
Calk Weaners—Wing Screw..... 494
Call Bells 521
Cant Hook Bolts..... 493
Cant Hook Clasps 493
Cant Hook Clips 493
Cant Hook Handles 492

C

Page

Cant Hooks 491, 492
Caps—Ferrule 418
Carborundum Scythe Stones..... 421
Carrier Track—Hay 436, 437
Carrier Truck—Stove 479
Carriers—
  Hay 436, 437
  Seed 441
  Stove 479
Carts—
  Barrel 489
  Concrete 485
  Hand 488, 489
Casters—Stove 479
Catchers—
  Animal 517
  Grass 430
Cattle Leaders 519
Cattle Stanchions 515, 516
Cattle Ties 515
Cedar Spuds 494
Chain Cow Ties 514
Chain Hooks 495
Chains—
  Bull 518
  Cable 512
  Coil 510
  Cow Tie 514
  Crane 512
  Double Jointed 510
  Furnace 511
  Halter 513
  Hardware 511
  Heel 511
  Hitching Weight 513
  Hoisting 512
  Jack 510
  Ladder 510
  Loading 512
  Log 511
  Machine 509
  Safety 511
  Tit Out 513
  Trace 511
  Triumph 509
  Well 509
Chicken Fence 471
Children's Floral Tools..... 415
Cistern Pumps 525
Clamps—
  Hay Rack 441
  Hose 432
  Wire Rope 509
Clasps—Cant Hook 493
Cleaners—
  Drain 459
  Sidewalk 462
Clips—
  Cant Hook 493
  Wire Rope 509
Cloth—
  Flax Screen 474
  Galvanized Wire 474
  Hardware Wire 474
  Pea Screen 474
  Sand Screen 474
  Screen Wire 475
  Spark 474
  Wire 474
Clothes Baskets 450
Clover Rakes 413
Coal Barrows 485, 486
Coap Baskets 450
Coal Shovels 457
Coil Chain 510
Coke Fork Handles 417
Coke Forks 406
Cold Shuts 495
Combination Fence Pliers..... 467
Concrete Barrows 484, 485
Concrete Carts 485

C

Page

Concrete Shovels 456
Conductors—Water 525
Connections—Goose Neck 432
Contractor Barrows 483, 484, 485
Corn Hooks 422
Corn Huskers .....443 to 445
Corn Knives 422
Corn Mills 427
Corn Planters 442
Corn Shellers 441
Corn Shock Tighteners 441
Coops—Poultry Brood 523
Cornerbind Hooks 495
Cotton Rope 507
Couplings—
  Hose 431
  Sink 524
Cow Bell Straps 520
Cow Bells 519
Cow Ease 435
Cow Tie Chains 514
Cow Ties 514, 515
Cow Weaners 518
Cradle Extras 420
Cradle Fingers 420
Cradle Scythes 420
Cradle Snaths 420
Cradles—Grain 420
Crane Chain 512
Cultivator Handles 490
Cultivators—Garden 410, 411, 414
Cups—Force 525
Cutters—
  Bone 426
  Hog Nose 517
  Rope 507
  Thistle 415
  Weed 415

D

D Handle Shovels..451, 452, 456, 457
D Handle Spades..... 454
Dandelion Spuds 415
Dehorners 519
Dehorning Tools 519
Derrick Blocks 497, 498
Diggers—
  Post Hole 463
  Weed 415
Digging Forks 405, 407
Dirt Barrows 486
Ditching Spades 460
Doors—
  Screen 476
  Screen and Storm..... 476
Double Jointed Chains..... 510
Drain Cleaner Handles 459
Drain Cleaners 459
Drain Spades 459
Drill Attachment—Garden 411
Drinking Fountains 523
Drive Rings—Snath 419
Drive Well Points 526
Dry Food Hoppers—Poultry 523
Dry Mash Hoppers—Poultry 523
D's—Fork Handle 418
Dump Barrows 483, 484, 487

E

Ear Markers 517
Ease—Cow 435
Eccentrics—Wire Stretcher 465
Edge Trimmers—Lawn 427
Edgers—Turf 415
Eggs—Nest 523
Elevator Wire Rope..... 508
Emery 430
Ensilage Forks 403
Evener Swivel Hooks..... 495
Extensions—Spray Pump 435
Extras—
  Grain Cradle 420
  Scythe Snath 419
  Tree Pruner 425
  Wire Fence Stretcher..... 466

F

Page

Factory Baskets 450
Farm Baskets 450
Farm Bells 520
Farm Fence 470
Farmers' Boilers 521
Farmers' Forks .....401 to 406
Farming Tool Brackets..... 426
Feed Pails 448
Fence—
  Chicken 471
  Farm 470
  Hog 470
  Lawn 471, 472
  Poultry 471, 472
Fence Pliers 467
Fence Ratchets 465
Fence Staples 468
Fence Stretchers 466
Fence Stretcher Repairs 466
Fence Wire 468
Ferrule Caps 418
Ferrules—
  Fork 418
  Hay Fork 418
  Hoe Handle 418
  Manure Fork 418
  Spading Fork 418
Field Hoes 408
Finger Stalls 444
Fingers—Cradle 420
Flannel Gloves 446, 447
Flannel Mittens 445, 446
Flax Screen 474
Floor Hooks 438
Floral Forks 414
Floral Sets 414, 415
Floral Shovels 415
Floral Tools 414, 415
Flower Bed Border..... 469
Fly and Germ Killer..... 435
Fly Killer Oil 435
Force Cups 525
Force Pumps 434
Forceps—Pig 517
Fork and Shovel Brackets..... 426
Fork Ferrules 418
Fork Handles 416, 417
Fork Pulleys—
  Hay 439
  Hay Carrier 438
Forks—
  Alfalfa 402
  Bark 406
  Barley 402, 403
  Coke 406
  Digging 405
  Ensilage 403
  Floral 414
  Grapple Hay 440
  Hay 401, 405
  Harpoon Hay 440
  Header 402
  Manure, D Handle..... 404
  Manure, Long Handle..404, 406
  Potato Digging 407
  Spading 405
  Stable 403
  Stone 406
  Sugar Beet 412
  Vegetable Scoop 406
Foundry Riddles 475
Fountain Sprayers 434
Fountains—Poultry Drinking..... 523
Frames—Window Screen 477
Fruit Pickers 425
Furnace Scoops 456

G

Garden Barrows 487
Garden Cultivators 410, 411
Garden Drill Attachment 411
Garden Hoe Handles 416
Garden Hoes 408
Garden Hose 431
Garden Rake Handles 416
Garden Rakes 412

G

Page

Garden Tools 414, 415
Garden Trowels 414
Garden Weeders 414
Gates—Walk 471, 472
General Purpose Shovels..... 462
German Shovels 455
German Spades 455, 456
German Spade Handles 418
Gloves—
  Flannel 446, 447
  Husking 445
Goose Neck Connections..... 432
Grab Hooks 495
Grading Plows 489
Grain Baskets 449
Grain Cradles 420
Grain Riddles 475
Grain Scoops 457, 458
Grain Scythes 420
Grain Seeders 442
Grain Sieves 475
Grape Shears 424
Grapple Hay Forks 440
Grapples—
  Rafter 438
  Timber 492
Grappling Peaves 492
Grass Catchers 430
Grass Hooks 422
Grass Scythe Snaths 419
Grass Scythes 419
Grass Shears 427
Green—Paris 435
Green Bone Cutters..... 426
Grist Mills 427
Grit Box 523
Guy Rope 508

H

Halter Chains 513
Halter Leads 515
Hand Bells 520
Hand Carts 488, 489
Handles—
  Bark Spud 593
  Barley Fork 416, 417
  Cant Hook 492
  Coke Fork 417
  Cultivator 490
  D 417
  Drain Cleaner 459
  Fork 416, 417
  Garden Hoe 416
  German Spade 418
  Hay Fork 416
  Header Fork 416
  Hoe 416
  Implement .....416 to 418
  Malleable D 417
  Manure Fork 416, 417
  Manure Hook 416
  Peavy 492
  Pike Pole 492
  Plow 490
  Post Hole Digger..... 463
  Rake 416
  Scoop 417, 418
  Shovel 417, 418
  Spade 417, 418
  Spading Fork 417
  Tiling Spade 418
  Timber Grapple 492
  Vegetable Scoop Fork..... 417
  Wood D 417
Hanging Hooks 436, 438
Hardware Chain 511
Hardware Wire Cloth 474
Harpoon Hay Forks..... 440
Hatchets—Tobacco 423
Hay Carrier Track 436, 437
Hay Carriers 436, 437
Hay Fork Ferrules 418
Hay Fork Handles 416, 417
Hay Fork Hooks 438
Hay Fork Pulleys 439

H

Page

Hay Forks—
Grapple ... 440
Harpoon ... 440
Long Handle ... 401, 405
Hay Knives ... 423
Hay Rack Brackets and Clamps ... 441
Hay Rack Loops ... 441
Hay Racks ... 441
Hay Rake Handles ... 416
Hay Rakes ... 413
Hay Slings ... 440
Hay Tools ... 436 to 440
Header Fork Handles ... 416
Header Forks ... 402
Heads—Malleable D ... 418
Heart Shaped Hoes ... 409
Heaters—Tank ... 522
Hedge Shears ... 424
Hedge Trimmers ... 424
Heel Chains ... 511
Heel Plates ... 494
Hen's Nest ... 523
Hitches—Rope ... 438
Hitching Weight Chains ... 513
Hods—
Brick ... 488
Mortar ... 488
Hoe Brackets ... 426
Hoe Ferrules ... 418
Hoe Handles ... 416
Hoes—
Beet Thinning ... 412
Boys' ... 408
Field ... 408
Garden ... 408
Heart Shaped ... 409
Ladies' ... 408
Mortar ... 409
Nursery ... 409
Onion ... 409
Planters' ... 410
Scuffle ... 415
Shank ... 408
Socket ... 408
Sprouting ... 410
Sugar Beet ... 412
Warren ... 409, 414
Weeding ... 409
Hog Catchers ... 517
Hog Fence ... 470
Hog Holders ... 517
Hog Nose Cutters ... 517
Hog Ringers ... 516
Hog Rings ... 516
Hog Tamers ... 517
Hog Tongs ... 517
Hoisting Blocks ... 497, 498, 500 to 503
Hoisting Chain ... 512
Hoisting Rope ... 508
Hoists—Banana ... 499
Holders—
Hog ... 517
Hose ... 432
Hook and Pike—Pike Pole ... 492
Hook Huskers ... 444
Hookaroon Picks ... 492
Hooks—
Brush ... 424
Bush ... 424
Cant ... 491, 492
Chain ... 495
Corn ... 422
Cornerbind ... 495
Evener Swivel ... 495
Floor ... 438
Grab ... 495
Grass ... 422
Hanging ... 436, 438
Hay Carrier Track ... 436, 438
Hay Fork ... 438
Husking ... 444
Landing ... 491
Loading ... 492
Manure ... 407
Peavy ... 491
Potato ... 407
S ... 495

H

Page

Hooks—*Continued.*
Safety ... 495
Swamp ... 492
Weeding ... 414
Hoppers—
Dry Food ... 523
Dry Mash ... 523
Hose Bands ... 432
Hose Clamps ... 432
Hose Coupling ... 431
Hose—
Garden ... 431
Reel ... 431
Hose Holders ... 432
Hose Menders ... 432
Hose Nozzles ... 432
Hose Pliers ... 432
Hose Reels ... 431
Hose Washers ... 432
Hose Wire Pliers ... 432
Hose Wires ... 432
Hotel Trucks ... 480
House Mover Jack Screws ... 504
Huskers—Hook ... 444
Husking Gloves ... 445
Husking Hooks ... 444
Husking Mitts ... 445
Husking Pins ... 443

I

I-Beam Travelers ... 502
Implement Brackets ... 426
Implement Handles ... 416 to 418
Iron Measures ... 448
Irons—
Nib ... 419
Stanchion ... 516

J

Jack Chain ... 510
Jack Screws—
House Movers' ... 504
Locomotive ... 504
Jacks—
Automobile ... 504, 505
Lifting ... 504 to 506
Lowering ... 506
Tire Saving ... 505
Track or Trip ... 506
Wagon ... 505

K

Kettles—
Caldron ... 521
Farmers' ... 521
Sugar ... 521
Keys—Sill Cock ... 431
Killer—Germ and Fly ... 435
Knives—
Asparagus ... 415
Band ... 423
Beet Topping ... 412
Border ... 415
Corn ... 422
Hay ... 423

L

Ladder Chain ... 510
Ladies' Hoes ... 408
Landing Hooks ... 491
Lath Yarn ... 507
Laundry Baskets ... 450
Lawn Border ... 469
Lawn Fencing ... 471, 472
Lawn Mowers ... 428 to 430
Lawn Rakes ... 413
Lawn Shears ... 427
Lawn Sprinklers ... 433
Lawn Trimmers ... 427
Lead Pipe ... 526
Leaders—Cattle ... 519

L

Page

Leads—Rope Halter ... 515
Leather Husking Gloves ... 445
Leathers—
Plunger ... 525
Pump ... 525
Valve ... 525
Leg Bands—Poultry ... 523
Lifters—Fence Wire ... 467
Lifting Jacks ... 504 to 506
Lime Shovels ... 456
Links—
Open ... 495
Repair ... 495
Load Binders ... 493
Loading Block Sheaves ... 499
Loading Blocks ... 498
Loading Chain ... 512
Loading Hooks ... 492
Locomotive Jack Screws ... 504
Log Chains ... 511
Log Jammer Blocks ... 499
Long Handle Shovels ... 453, 454
Long Handle Spades ... 455
Loop Bolts—Snath ... 419
Loop Rings—Snath ... 419
Loops—Hay Rack ... 441
Lowering Jacks ... 506
Lumbermen's Blocks ... 499
Lumbering Tools ... 491 to 494
Lumber Rollers ... 494

M

Machine Chain ... 509
Malleable D Handle ... 417
Malleable D Heads ... 418
Malleable Snath Blocks ... 496
Malleable Tackle Blocks ... 496
Manila Rope ... 507
Manure Carrier Wire ... 469
Manure Fork Ferrules ... 418
Manure Fork Handles ... 416, 417
Manure Forks—
D Handles ... 404
Long Handle ... 404, 406
Manure Hook Handles ... 416
Manure Hooks ... 407
Markers—Ear ... 517
Market Baskets ... 450
Measures—
Galvanized ... 448
Iron ... 448
Menders—
Hose ... 432
Pipe ... 432
Milking Tubes ... 519
Milkmen's Bells ... 520
Mills—
Bone ... 427
Corn ... 427
Grist ... 427
Mining Barrows ... 484
Mitts—
Flannel ... 445, 446
Husking ... 445
Mortar Barrows ... 487
Mortar Hods ... 488
Mortar Hoes ... 409
Moulders' Shovels ... 456
Mowers—Lawn ... 428 to 430
Muzzles—Ox ... 517

N

Nail Keg Trucks ... 482
Nest Eggs ... 523
Nests—Hen's ... 523
Netting—Poultry ... 473
Nib Irons—Snath ... 419
Nozzles—
Hose ... 432
Spray ... 435
Sprinkling ... 435
Nursery Hoes ... 409

O

Page

Oat Sieves 475
Oats Sprouters 523
Oil—Fly Killer 435
Ointment—Belgium 435
Onion Hoes 409
Open Links 495
Ox Muzzles 517

P

Pails—Feed 448
Paris Green 435
Parts—
Grain Cradle 420
Scythe Snath 419
Tree Pruner 425
Wire Fence Stretcher..... 466
Pea Screen 474
Peavies 491, 492
Peavy Bolts 493
Peavy Handles 492
Peavy Hooks 492
Pickers—Fruit 425
Picks—Hookaroon 492
Pig Forceps 517
Pig Rings 516
Pike Pole Handles 492
Pike Pole Pike and Hook..... 492
Pike Pole Pikes 492
Pike Pole Rings 492
Pike Poles 491
Pikes—Pike Pole 492
Pins—Husking 443
Pipe—Lead 526
Pipe Extensions—Spray Pump.... 435
Pipe Menders 432
Plain Fence Wire..... 468
Plant Sprayers 433
Planters—
Bean 442
Corn 442
Potato 442
Trans. 442
Planters' Hoes 410
Plates—Heel 494
Platform Barrel Carts 489
Platform Trucks 482, 483
Pliers—
Combination Fence 467
Fence 467
Hose Wire 432
Plow Handles 490
Plow Points 489
Plows—
Grading 489
Railroad 489
Plumbers' Force Cup..... 525
Plunger Leathers 525
Plungers—Cistern Pump 525
Points—
Drive Well 526
Plow 489
Washer Well 526
Poles—Pike 491
Post Hole Augers 463, 464
Post Hole Digger Handles 463
Post Hole Diggers 463
Post Spades 460
Post Spoons 459
Potato Digging Forks 407
Potato Hooks 407
Potato Planters 442
Potato Scoops 459
Poultry Brood Coops 523
Poultry Drinking Fountains 523
Poultry Dry Mash Hopper..... 523
Poultry Dry Food Hopper..... 523
Poultry Grit and Shell Box..... 523
Poultry Fence 471, 472
Poultry Leg Bands 523
Poultry Netting 473
Poultry Punches 523
Pruners—Tree 425
Pruning Shears 424, 425
Pullers—Staple 467
Pulley Blocks—Snatch 438

P

Pulleys—

Page

Fork, Hay Carrier..... 438
Hay Fork 438
Knot Passing 439
Sling 438
Pump Leathers 525
Pump Plungers 525
Pump Repairs 525
Pumps—
Barrel 435
Bucket 435
Cistern 525
Force 434
Pitcher Spout 525
Spray 435
Punches—
Bull 518
Poultry 523

R

Rabbit Fence 471
Racks—
Hay 441
Truck 482
Rafter Brackets 438
Rafter Grapples 438
Rail—Hay Carrier 436, 437
Railroad Barrows 486
Railroad Plows 489
Railroad Trucks 480
Rake Brackets 426
Rake Handles 416
Rakes—
Clover 413
Garden 412
Hay 413
Lawn 413
Ratchets—Fence 465
Reel Hose 431
Reels—Hose 431
Repair Links 495
Repairs—
Grain Cradle 420
Hose 432
Wire Fence Stretcher..... 466
Riddles—
Foundry 475
Grain 475
Sand 475
Ringers—
Hog 516
Pig 516
Rings—
Bull 518
Hog 516
Pig 516
Pike Pole 492
Scythe Snath 419
Shoat 516
Road Scrapers 490
Rollers—Lumber 494
Rope—
Cotton 507
Elevator Wire 508
Guy 508
Hoisting Wire 508
Manila 507
Plow Steel 508
Sisal 507
Strand 508
Swedes Iron 508
Wire 508
Rope Cattle Ties 515
Rope Clamps 509
Rope Clips 509
Rope Cutters 507
Rope Halter Leads 515
Rope Hitches 438
Rope Thimbles 509
Rubber Buckets 526

S

Page

S Hooks 495
Safety Chain 511
Safety Hooks 495
Sand Riddles 475
Sand Screens 475
Sawdust Barrows 486
Scoop Handles 417, 418
Scoops—
Furnace 456
Grain 457, 458
Potato 459
Vegetable 459
Scoop Forks—
Vegetable 406
Sugar Beet 412
Scoop Fork Handles—Vegetable.. 417
Scrapers—
Road 490
Sidewalk 462
Screen Doors 476
Screen and Storm Doors..... 476
Screen Frames—Window 477
Screen Wire Cloth 475
Screen—
Flax 474
Pea 474
Sand 474, 475
Window 477
Screws—
House Mover Jack..... 504
Jack 504
Locomotive Jack 504
Screw Calks—Wing 494
Screw Calk Wrenches—Wing 494
Scuffle Hoes 415
Scythe Snath Extras 419
Scythe Snaths 419
Scythe Stone Assortments....420, 421
Scythe Stones 420, 421
Scythes—
Bush 420
Cradle 420
Grain 420
Grass 419
Weed 420
Seed Carriers 441
Seed Drill Attachment—Garden... 411
Seeders—Grain 442
Sets—
Boot Calk 494
Floral 414, 415
Shank Hoes 408
Shears—
Grape 424
Grass 427
Hedge 424
Lawn 427
Pruning 424, 425
Sheaves—
Loading Block 499
Snatch Block 499
Tackle Block 499
Sheep Bells 520
Shell Box—Poultry 523
Shellers—Corn 441
Shoat Rings 516
Shock Tighteners—Corn 441
Shovel Brackets 426
Shovel Handles 417, 418
Shovels—
Barn 462
Coal 457
Concrete 456
D Handle ...451, 452, 456, 457
Floral 415
General Purpose 462
German 455
Lime 456
Long Handle 453, 454
Moulders' 456
Round Point 452, 453
Scoop 457, 458
Snow 461, 462
Square Point 451, 453
Telegraph 459
Shuts—Cold 495

S

Page

Sidewalk Cleaners 462
Sidewalk Scrapers 462
Sieves—
Foundry 475
Grain 475
Oat 475
Sand 475
Silt Cock Keys 431
Sink Bolts 524
Sink Brackets 524
Sink Couplings 524
Sink Strainer Plates 524
Sink Strainers 524
Sinks—
Cast Iron, Enameled 524
Cast Iron, Painted 524
Sisal Rope 507
Skidding Tongues 493
Sling Pulleys 438
Slings—Wagon Hay 440
Snaps—Bull 518
Snatch Block Sheaves 499
Snatch Blocks 496, 497, 498
Snatch Pulley Blocks 438
Snath Extras 419
Snaths—
Bush Scythe 419
Cradle 420
Grass Scythe 419
Snow Shovels 461, 462
Socket Bolts—Snath 419
Socket Hoes 408
Sockets—Snath 419
Spade Handles 417, 418
Spades—
D Handle 454
Ditching 460
Draining 459
German 455, 456
Long Handle 455
Post 460
Tiling 460
Spading Fork Ferrules 418
Spading Fork Handles 417
Spading Forks 405
Spark Cloth 474
Spoons—Post 459
Spray Nozzles 435
Spray Pumps 435
Sprayers—
Plant 433
Tree 435
Springs—Tree Pruner 425
Sprinklers—
Lawn 433
Plant 433, 434
Sprinkling Nozzles 435
Sprouters—Oats 523
Sprouting Hoes 410
Spuds—
Bark 493
Cedar 494
Dandelion 415
Tobacco 423
Stable Forks 403
Stalls—Finger and Thumb 444
Stanchion Irons 516
Stanchions—Cattle 515, 516
Stands—Auto Storage 505
Staple Pullers—Fence 467
Staples—Fence 468
Stave Baskets 450
Steel Barrows ..... 483 to 486
Steel Racks—Stationary 482
Steel Snatch Blocks 497
Steel Tackle Blocks 496, 497
Steel Tray Barrows 487
Steel Wire—Manure Carrier 469
Steps—Tiling Spade 460
Stock Waterers 523
Stone Barrows 488
Stone Forks 406
Stones—Scythe 420, 421
Stop Blocks—Hay Carrier 438
Storage Stands—Auto 505
Stove Carriers 479

S

Page

Stove Casters 479
Stove Trucks 479
Strainer Plates—Sink 524
Strainers—Sink 524
Strand Rope 508
Strapping—Box 469
Straps—Cow Bell 520
Stretcher Repairs—Wire 466
Stretchers—
Barbed Wire 465
Fence Wire 465, 466
Woven Wire Fence 466
Strips—Weather 478
Sugar Beet Forks 412
Sugar Beet Hoes 412
Sugar Beet Tools 412
Sugar Kettles 521
Swamp Hooks 492
Swivel Hooks—Evener 495

T

T Handle—German Spade 418
Tackle Block Sheaves 499
Tackle Blocks ..... 495 to 497
Tamers—Hog 517
Tank Heaters 522
Telegraph Shovels 459
Tension Bolts 469
Thimbles—Wire Rope 509
Thinning Hoes—Beet 412
Thistle Cutters 415
Thumb Stalls 444
Tie Out Chains 513
Ties—
Bale 469
Cattle 515
Cow, Chain 514
Cow, Rope 515
Tighteners—Corn Shock 441
Tile Barrows 488
Tiling Spade Handles 418
Tiling Spade Steps 460
Tiling Spades 460
Timber Grapples 492
Tobacco Hatchets 423
Tobacco Spuds 423
Toe Rings 493
Tongs—
Hog 517
Skidding 493
Tool Brackets—Farming 426
Tools—
Dehorning 519
Floral 414, 415
Garden 414, 415
Hay ..... 436 to 440
Lumbering ..... 491 to 494
Sugar Beet 412
Topping Knives—Beet 412
Trace Chains 511
Track—Hay Carrier 436, 437
Track Jacks 506
Transplanters 442
Travelers—I-Beam 502
Tree Pruners 425
Tree Sprayers 435
Trimmers—
Hedge 424
Lawn 427
Trip Jacks 506
Trump Chain 509
Trowels—Garden 414
Trucks—
All-Round 482
Bag 480
Barbed Wire 482
Barrel ..... 480 to 482
Hotel 480
Nail Keg 482
Platform 482, 483
Railroad 480
Store 482
Stove 479
Warehouse 480, 481
Tubes—Milking 519

T

Page

Tubular Steel Barrows 484, 485
Turf Edger 415
Turnbuckles 494
Twisted Fence Wire 468

V

Valve Leathers 525
Vegetable Scoop Forks 406
Vegetable Scoops 459

W

Wagon Jacks 505
Wagon Slings 440
Walk Gates 471, 472
Warehouse Trucks 480, 481
Warren Hoes 409
Warren Hoes—Baby 414
Washers—Hose 432
Water Conductors 525
Waterers—Stock 523
Weaners—
Calf 518
Cow 518
Yearling 518
Weather Strip 478
Wedges—
Snath 419
Cradle 420
Weed Cutters 415
Weed Diggers 415
Weed Scythes 420
Weeders—
Beet 412
Garden 414
Weeding Hoes 409
Weeding Hooks 414
Weight Chains—Hitching 513
Well Buckets—Wooden 526
Well Chains 509
Well Points—
Drive 526
Washer 526
Wheelbarrow Wheels 486
Wheelbarrows ..... 483 to 488
Wheels—Wheelbarrow 486
Window Screen Frames 477
Window Screens 477
Wing Screw Calks 494
Wing Screw Calk Wrenches 494
Wire—
Barbed Fence 468
Drawn Special Steel 469
Fence 468
Galvanized Fence 468
Manure Carrier 469
Plain Fence 468
Twisted Fence 468
Wire Baskets 450
Wire Cloth 474
Wire Cloth Screen 475
Wire Fence Stretchers 466
Wire Fence Stretcher Repairs 466
Wire Lifters—Barbed Fence 467
Wire Netting 473
Wire Rope—
Elevator 508
Guy 508
Hoisting 508
Strand 508
Swedes Iron 508
Wire Rope Clips or Clamps 509
Wire Rope Thimbles 509
Wire Stretchers 465
Wires—Hose 432
Wood D Handles 417, 418
Wood Snatch Blocks 496
Wood Tackle Blocks 495
Wrenches—
Snath 419
Wing Screw Calk 494
Wrist Bands 447

Y

Yarn—Lath 507
Yearling Weaners 518

Otsego Hay Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.

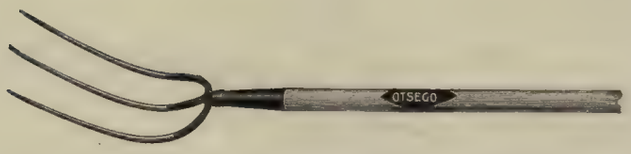
No. 37—BOYS', Three 10½ in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet	4
Approx. Weight Per Dozen, Lbs.	25
Per Dozen	$10.15

No. 38—BOYS', Three 10½ in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet	4
Approx. Weight Per Dozen, Lbs.	25
Per Dozen	$11.80

One Dozen in a Bundle, Tines Burlapped.



No. 35—Three 12 in. Oval Tines, Straight Handle, Plain Ferrule.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	30	31
Per Dozen	$11.15	11.15

No. 36—Three 12 in. Oval Tines, Straight Handle, Strapped Ferrule.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	30	31
Per Dozen	$12.70	12.90

One Dozen in a Bundle, Tines Burlapped.

No. 350—Three 12 in. Oval Tines, Bent Handle, Plain Ferrule.

Lgth. Handle, Ft.	3½	4	4½	5	5½	6
Ap. Wt. Doz., Lbs.	25	28	30	35	40	41
Per Dozen	$11.15	11.15	11.15	11.80	12.50	13.10

No. 0350—Three 13 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	32	33
Per Dozen	$11.70	11.70

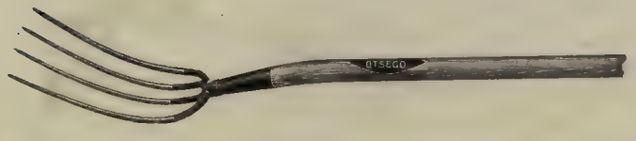
No. 360—Three 12 in. Oval Tines, Bent Handle, Strapped Ferrule.

Lgth. Handle, Ft.	3½	4	4½	5	5½	6
Ap. Wt. Doz., Lbs.	30	31	32	35	40	41
Per Dozen	$12.80	12.80	12.80	13.50	14.15	14.80

No. 0360—Three 13 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	32	33
Per Dozen	$13.35	13.35

One Dozen in a Bundle, Tines Burlapped.



No. 0—Four 12 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	30	32
Per Dozen	$12.80	12.80

No. 00—Four 12 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	30	32
Per Dozen	$14.50	14.50

One Dozen in a Bundle, Tines Burlapped.

Otsego Header Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.

Round Shoulder.

No. 83—Four 15 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	40	42
Per Dozen	$16.55	16.55

Round Shoulder.

No. 84—Four 15 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	38	40
Per Dozen	$20.25	20.25

One-half Dozen in a Bundle, Tines Burlapped.

DAKOTA PATTERN, Square Shoulder.

No. 03—Four 16 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	45	47
Per Dozen	$18.90	18.90

DAKOTA PATTERN, Square Shoulder.

No. 04—Four 16 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	34	36
Per Dozen	$20.55	20.55

One-half Dozen in a Bundle, Tines Burlapped.

Otsego Alfalfa Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.

Round Shoulder.

No. A0134—Four 13 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs.....	35	37
Per Dozen	$17.65	17.65

One-half Dozen in a Bundle, Tines Burlapped.

Otsego Barley Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.

No. 05—Four 18 in. Oval Tines, Bent Handle, Plain Ferrule, Steel Spring Wire Bail.

Length of Handle, Feet.....	4	4½	5
Ap. Weight Per Dozen, Lbs..	45	47	50
Per Dozen	$20.80	20.80	21.35

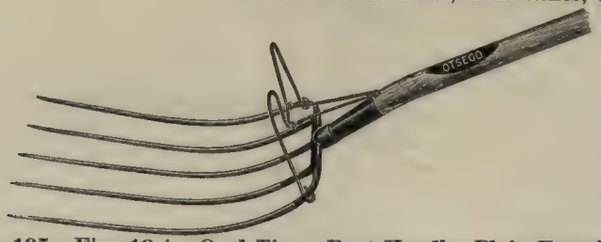
No. 06—Four 18 in. Oval Tines, Bent Handle, Strapped Ferrule, Steel Spring Wire Bail.

Length of Handle, Feet.....	4	4½	5
Ap. Weight Per Dozen, Lbs..	45	47	50
Per Dozen	$22.25	22.25	22.80

One-half Dozen in a Bundle.

Otsego Barley Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.



No. 105—Five 18 in. Oval Tines, Bent Handle, Plain Ferrule, Steel Spring Wire Bail.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	50	52
Per Dozen	$26.65	26.65

No. 106—Five 18 in. Oval Tines, Bent Handle, Strapped Ferrule, Steel Spring Wire Bail.

Length of Handle, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	50	52
Per Dozen	$28.25	28.25

One-half Dozen in a Bundle.

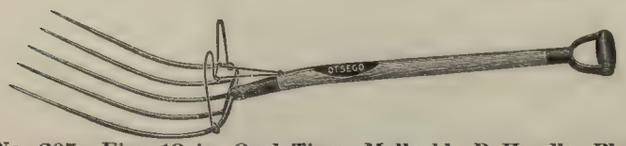
No. 204—Four 18 in. Oval Tines, Malleable D Handle, Plain Ferrule, Steel Spring Wire Bail.

Handle	D
Approx. Weight Per Dozen, Lbs	52
Per Dozen	$21.80

No. 304—Four 18 in. Oval Tines, Malleable D Handle, Strapped Ferrule, Steel Spring Wire Bail.

Handle	D
Approx. Weight Per Dozen, Lbs	52
Per Dozen	$23.20

One-half Dozen in a Bundle.



No. 205—Five 18 in. Oval Tines, Malleable D Handle, Plain Ferrule, Steel Spring Wire Bail.

Handle	D
Approx. Weight Per Dozen, Lbs	53
Per Dozen	$27.65

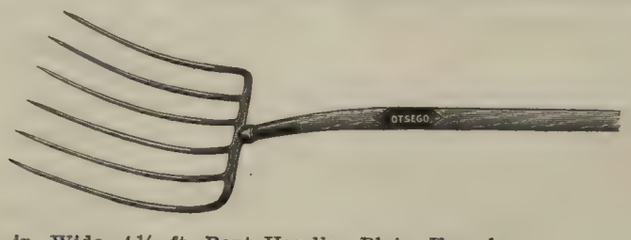
No. 305—Five 18 in. Oval Tines, Malleable D Handle, Strapped Ferrule, Steel Spring Wire Bail.

Handle	D
Approx. Weight Per Dozen, Lbs	53
Per Dozen	$29.10

One-half Dozen in a Bundle.

Otsego Ensilage or Stable Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.



Per Dozen

No. 07—Six 18 in. Oval Tines, 14 in. Wide, 4½ ft. Bent Handle, Plain Ferrule.....$32.55

Weight Per Dozen About 58 Pounds.

One-half Dozen in a Bundle.

Half Polished Oval Tines, Malleable D Handle, Strapped Ferrule.

Nos.	506	508	510
Number of Tines	6	8	10
Length of Tines, Inches	15½	16	16
Ap. Weight Per Dozen, Lbs.	50	62	75
Per Dozen	$23.35	25.50	30.20

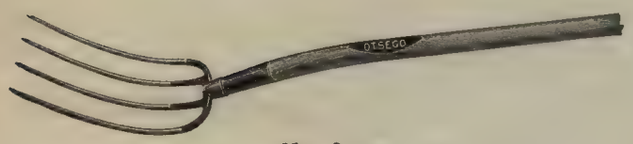
Half Polished Oval Tines, 4 ft. Bent Handle, Strapped Ferrule.

Nos.	5084	5104
Number of Tines	8	10
Length of Tines, Inches	16	16
Approx. Weight Per Dozen, Lbs.	60	76
Per Dozen	$24.50	28.90

One-half Dozen in a Bundle.

Otsego Manure Forks.

Best Crucible Steel, Oval Tines, Bronzed Finish, Extra Selected Handles.



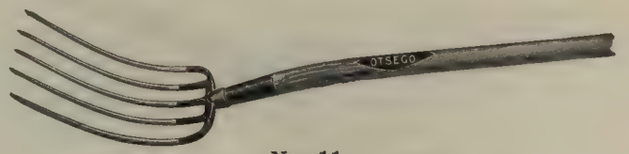
No. 3.

No. 3—Four 12 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	40	42
Per Dozen	$12.70	12.70

No. 4—Four 12 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	40	42
Per Dozen	$14.15	14.15



No. 11.

No. 11—Five 12 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	43	45
Per Dozen	$17.20	17.20

No. 12—Five 12 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	41	43
Per Dozen	$18.45	18.45

One-half Dozen in a Bundle, Tines Burlapped.

No. 15.

No. 15—Six 12 in. Oval Tines, Bent Handle, Plain Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	43	45
Per Dozen	$19.80	19.80

No. 16—Six 12 in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	45	47
Per Dozen	$21.10	21.10

Malleable D Handle.

Per Dozen

No. 1—Four 13 in. Oval Tines, Plain Ferrule.....$14.25

Weight Per Dozen About 38 Pounds.

One-half Dozen in a Bundle, Tines Burlapped.

Malleable D Handle.

Per Dozen

No. 2—Four 13 in. Oval Tines, Strapped Ferrule.....$15.80

Weight Per Dozen About 38 Pounds.

Malleable D Handle.

Per Dozen

No. 9—Five 13 in. Oval Tines, Plain Ferrule.....$18.80

Weight Per Dozen About 40 Pounds.

One-half Dozen in a Bundle, Tines Burlapped.

Malleable D Handle.

Per Dozen

No. 10—Five 13 in. Oval Tines, Strapped Ferrule....$20.25

Weight Per Dozen About 40 Pounds.

No. 13.

Malleable D Handle.

Per Dozen

No. 13—Six 13 in. Oval Tines, Plain Ferrule.....$21.55

No. 14—Six 13 in. Oval Tines, Strapped Ferrule.... 23.00

Weight Per Dozen About 40 Pounds.

One-half Dozen in a Bundle, Tines Burlapped.

Otsego Spading Forks.

Best Crucible Steel, Bronzed Finish, Extra Selected Handles.

No. 30.

Malleable D Handle.

	Per Dozen
No. 29—Four 11½ in. Heavy Flat Polished Tines, **Plain Ferrule**	**$15.15**
No. 30—Four 11½ in. Heavy Flat Polished Tines, **Strapped Ferrule**	**16.35**

Weight Per Dozen About 50 Pounds.

No. 31.

Malleable D Handle.

	Per Dozen
No. 31—Four 11½ in. Heavy Angular Polished Tines, **Plain Ferrule**	**$15.15**
No. 32—Four 11½ in. Heavy Angular Polished Tines, **Strapped Ferrule**	**16.35**

Weight Per Dozen About 50 Pounds.

One-half Dozen in a Bundle, Tines Burlapped.

No. 33.

Malleable D Handle.

	Per Dozen
No. 33—Five 11½ in. Heavy Angular Polished Tines, **Plain Ferrule**	**$21.10**
No. 34—Five 11½ in. Heavy Angular Polished Tines, **Strapped Ferrule**	**22.50**

Weight Per Dozen About 56 Pounds.

No. 031.

4 ft. Handle.

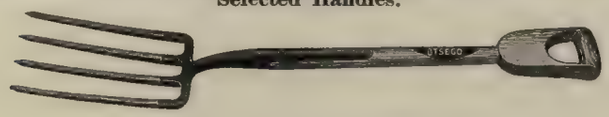
	Per Dozen
No. 031—Four 11½ in. Heavy Angular Polished Tines, **Plain Ferrule**	**$14.90**
No. 032—Four 11½ in. Heavy Angular Polished Tines, **Strapped Ferrule**	**16.25**

Weight Per Dozen About 45 Pounds.

One-half Dozen in a Bundle, Tines Burlapped.

Otsego Digging Forks.

English Pattern, Best Crucible Steel, Bronzed Finish, Extra Selected Handles.



29 in. Wood D Handle.

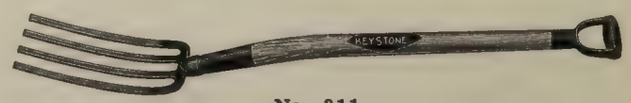
	Per Dozen
No. ED4—Four 12 in. Square Polished Tines, 7½ in. Wide, Strapped Ferrule	**$25.00**

Weight Per Dozen About 48 Pounds.

One-half Dozen in a Bundle, Tines Burlapped.

Keystone Spading Forks.

Crucible Steel, Blued Finish, Selected Handles.



No. 311.

Malleable D Handle.

	Per Dozen
No. 311—Four 11½ in. Angular Tines, **Plain Ferrule**	**$11.75**
No. 312—Four 11½ in. Angular Tines, **Strapped Ferrule**	**12.70**

Weight Per Dozen About 45 Pounds.

One-half Dozen in a Bundle.

Keystone Hay Forks.

Crucible Steel, Blued Finish, Selected Handles.

No. 490—Three 11½ in. Oval Tines, Bent Handles, Plain Ferrule.

Length of Handle, Feet	4	4½	5
Ap. Weight Per Dozen, Lbs.	30	32	35
Per Dozen	**$8.90**	**8.90**	**9.40**

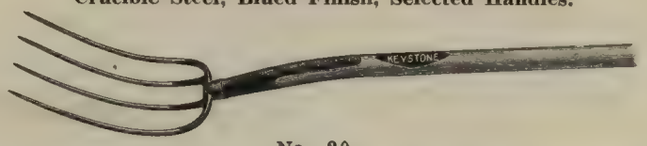
No. 500—Three 11½ in. Oval Tines, Bent Handle, Strapped Ferrule.

Length of Handle, Feet	4	4½	5
Ap. Weight Per Dozen, Lbs.	30	32	35
Per Dozen	**$10.50**	**10.50**	**11.00**

One Dozen in a Bundle.

Keystone Manure Forks.

Crucible Steel, Blued Finish, Selected Handles.

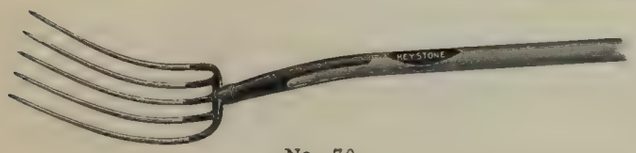


No. 20.

No. 19—Four 12½ in. Oval Tines, Bent Handle, Plain Ferrule.		
Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	40	42
Per Dozen	**$10.35**	**10.35**

No. 20—Four 12½ in. Oval Tines, Bent Handle, Strapped Ferrule.		
Length of Handle, Feet.....	4	4½
Approx. Weight Per Dozen, Lbs..	40	42
Per Dozen	**$11.55**	**11.55**

One-half Dozen in a Bundle.

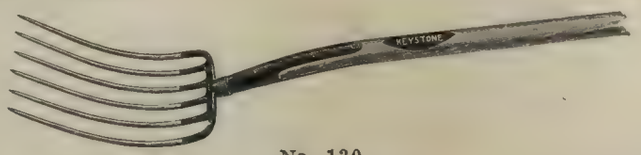


No. 70.

4 ft. Bent Handle.

	Per Dozen
No. 69—Five 12½ in. Oval Tines, **Plain** Ferrule.....	**$14.25**
No. 70—Five 12½ in. Oval Tines, **Strapped** Ferrule..	**15.60**

Weight Per Dozen About 43 Pounds.



No. 130.

4 ft. Bent Handle.

	Per Dozen
No. 129—Six 12½ in. Oval Tines, **Plain** Ferrule.....	**$16.00**
No. 130—Six 12½ in. Oval Tines, **Strapped** Ferrule...	**17.35**

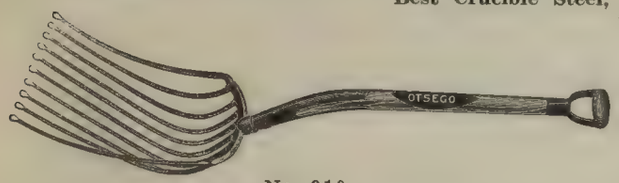
Weight Per Dozen About 45 Pounds.

One-half Dozen in a Bundle.

Otsego Vegetable Scoop Forks.

Otsego Bark Forks.

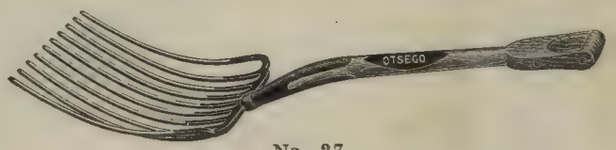
Best Crucible Steel, Extra Selected Handles.



No. 910.

Black Finish, Malleable D Handle, Strapped Ferrule.

	Per Dozen
No. 908—Eight 15 in. Broad Oval Tines, Flattened Points, 12 in. Wide, Weight Per Dozen About 78 Lbs.	**$23.35**
No. 910—Ten 15½ in. Broad Oval Tines, Flattened Points, 14 in. Wide, Weight Per Dozen About 90 Lbs.	**28.00**
No. 912—Twelve 16½ in. Broad Oval Tines, Flattened Points, 18 in. Wide, Weight Per Dozen About 104 Lbs.	**32.65**



No. 27.

Black Finish, Wood D Handle, Strapped Ferrule.

	Per Dozen
No. 27—Ten 13 in. Diamond Tines, Polished, 13 in. Wide, Weight Per Dozen About 86 Lbs.....	**$28.00**
No. 28—Twelve 16 in. Diamond Tines, Polished, 16 in. Wide, Weight Per Dozen About 100 Lbs...	**32.65**

One-half Dozen in a Bundle.

Otsego Coke Forks.

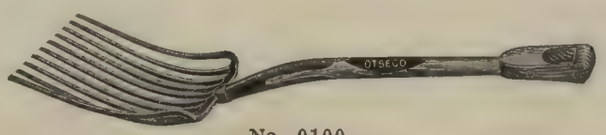
Otsego Stone Forks.

Best Crucible Steel, Extra Selected Handles.

No. 0.

Black Finish, 30 in. Wood D Handle, Strapped Ferrule.

	Per Dozen
No. 25—Ten 17 in. Diameter Tines, 14 in. Wide at Center, 1¼ in. Between Tines, Weight Per Dozen 90 Lbs.....	**$28.00**
No. 26—Twelve 16 in. Diamond Tines, 18 in. Wide at Center, 1¼ in. Between Tines, Weight Per Dozen 100 Lbs.....	**32.65**
No. 0—Fourteen 17 in. Diamond Tines, 18 in. Wide at Center, 1 in. Between Tines, Weight Per Dozen About 122 Lbs.....	**40.00**



No. 0100.

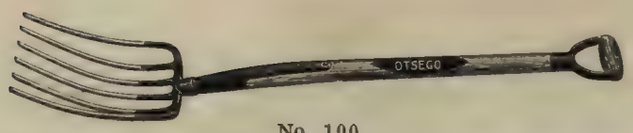
Black Finish, Wood D Handle, Strapped Ferrule.

	Per Dozen
No. 098—Eight 13½ in. Square Tines, 10½ in. Wide, 1⅛ in. Between Tines, Weight Per Dozen About 85 Lbs.....	**$23.35**
No. 0100—Ten 14 in. Square Tines, 13 in. Wide, 1⅛ in. Between Tines, Weight Per Dozen About 90 Lbs.	**29.00**
No. 0102—Twelve 13½ in. Square Tines, 11½ in. Wide, ¾ in. Between Tines, Weight Per Dozen About 95 Lbs.....	**34.00**

One-half Dozen in a Bundle.

Otsego Potato Digging Forks.

Best Crucible Steel, Bronzed Finish, Extra Selected Handles.



No. 100.

Malleable D Handle, Strapped Ferrule.

	Per Dozen
No. 100—Six 10½ in. Heavy Round Tines, Weight Per Dozen About 50 Lbs	**$19.35**

4 ft. Long Handle, Strapped Ferrule.

	Per Dozen
No. 102—Six 10½ in. Heavy Round Tines, Weight Per Dozen 70 Lbs	**$18.50**

4 ft. Long Handle, Strapped Ferrule.

	Per Dozen
No. 160—Six 13½ in. Heavy Oval Tines	**$21.10**

Weight Per Dozen About 44 Pounds.

One-half Dozen in a Bundle.

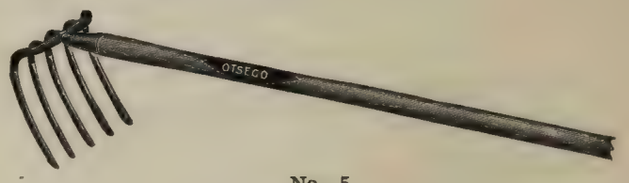
Otsego Potato Hooks.

Best Crucible Steel, Bronzed Finish, Extra Selected Handles.

4⅛ ft. Handle, Bent Head.

	Per Dozen
No. 1—Four 8½ in. Round Tines	**$9.80**

Weight Per Dozen About 25 Pounds.

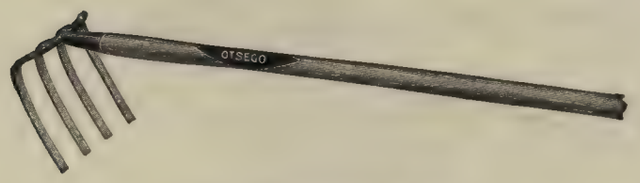


No. 5.

4⅛ ft. Handle, Bent Head.

	Per Dozen
No. 5—Five 9 in. Round Tines, Weight Per Dozen About 35 Lbs	**$12.25**
No. 3—Six 9 in. Round Tines, Weight Per Dozen About 38 Lbs	**13.35**

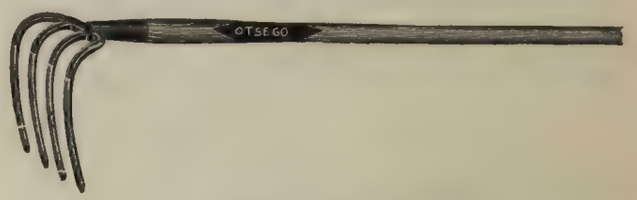
One Dozen in a Bundle.



4⅛ ft. Handle, Bent Head.

	Per Dozen
No. 2—Four 8½ in. Flat Tines	**$10.15**

Weight Per Dozen About 25 Pounds.



4⅛ ft. Handle, Bent Head.

	Per Dozen
No. 4—Four 9 in. Diamond-Back Tines	**$11.30**

Weight Per Dozen About 25 Pounds.

One Dozen in a Bundle.

Otsego Manure Hooks.

Best Crucible Steel, Blued Finish, Extra Selected Handles.

No. M40.

6 ft. Handle, Bent Head.

	Per Dozen
No. M40—Four 10½ in. Oval Tines, Plain Ferrule, Weight Per Dozen About 39 Lbs	**$11.90**
No. M60—Six 10½ in. Oval Tines, Plain Ferrule, Weight Per Dozen About 43 Lbs	**14.65**

One Dozen in a Bundle.

Field or Garden Hoes.

W. & C.

IVANHOE, Solid Socket, Long Swan Neck, 4⅛ ft. Handle.

Per Dozen

No. XXX—Assorted 6½ to 7½ in., Mirror Blades, Vermilion Finish, XXX Polished Handle..**$10.00**

The Ivanhoe is fully warranted. Made from extra quality cast steel carefully forged and tempered, giving the blade fine elastic trowel temper.

Weight Per Dozen About 26 Pounds.

Socket, Long Swan Neck, 4⅛ ft. Handle.

Per Dozen

No. LE—Assorted 6½ to 7½ in., Polished Blade, Laid Edge, XXX Double Spring Handle.....**$10.90**

The Blades are made of two kinds of steel, rolled very thin, one being of mild steel, the other of superior edge steel, thus always insuring a sharp cutting edge.

Weight Per Dozen About 26 Pounds.

One Dozen in a Bundle, Blades Burlapped.

Solid Socket, 4⅛ ft. XX Handle.

Per Dozen

No. G02—Assorted 6½ to 7½ in., Polished Blade, Gold Bronzed Finish **$9.20**

Weight Per Dozen About 25 Pounds.

SMITH'S, Solid Socket, 4⅛ ft. Handle.

Per Dozen

No. SOA—Assorted 6½ to 7½ in., Curved Polished Blade, Gold Bronzed Finish.....**$11.15**

This Hoe has special curved blade for weeding and hilling.

Weight Per Dozen About 27 Pounds.

One Dozen in a Bundle, Blades Burlapped.

Solid Shank, 4⅛ ft. XX Handle.

Per Dozen

No. G2—Assorted 6½ to 7½ in., Polished Blade, Gold Bronzed Finish **$8.35**

Weight Per Dozen About 25 Pounds.

BOYS' AND LADIES', Solid Shank, Goose Neck, 4 ft. Handle.

Per Dozen

No. BY6—Boys', 5½ and 6 in., Polished Blade.....**$7.70**

No. LY5—Ladies', 5 in., Polished Blade..... **6.60**

Weight Per Dozen About 20 Pounds.

One Dozen in a Bundle, Blades Burlapped.

B. NORRIS & CO.

Solid Socket, 4⅛ ft. X Handle.

Per Dozen

No. XG02—Assorted 6½ to 7½ in., Polished Blade, Blued Finish **$7.80**

Weight Per Dozen About 25 Pounds.

Solid Shank, 4⅛ ft. X Handle.

Per Dozen

No. XG2—Assorted 6½ to 7½ in., Polished Blade, Blued Finish **$6.90**

Weight Per Dozen About 25 Pounds.

Riveted Shank, 4⅛ ft. X Handle.

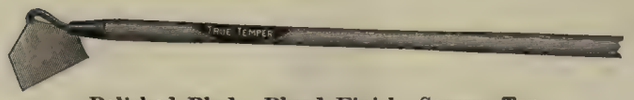
Per Dozen

No. RA—Assorted 6½ to 7½ in., Polished Blade, Malleable Iron Pad.....**$3.80**

Weight Per Dozen About 25 Pounds.

Onion or Nursery Hoes.

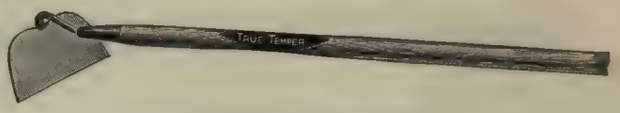
W. & C.



Polished Blade, Blued Finish, Square Top.

	Per Dozen
No. 7—Solid Shank, 6½ to 8 in. Blade, 4⅛ ft. XX Handle	**$8.75**
No. 700—Socket Shank, 6½ to 8 in. Blade, 4⅛ ft. XX Handle	**9.70**

Weight Per Dozen About 25 Pounds.



Solid Shank, Round Top.

	Per Dozen
No. R73—7 in. Blade, 3 in. Deep, Polished, 4⅛ ft. XX Handle, Blued Finish	**$10.00**

Weight Per Dozen About 26 Pounds.

One Dozen in a Bundle, Blades Burlapped.

Warren Field Hoes.

W. & C.

Socket Shank.

	Per Dozen
No. W7—7 in. Cut, Polished Blade, Gold Bronzed Finish, 4⅛ ft. XX Handle	**$12.70**

Weight Per Dozen About 26 Pounds.

One Dozen in a Bundle, Blades Burlapped.

Heart Shaped Hoes.

CRONK'S

Solid Shank.

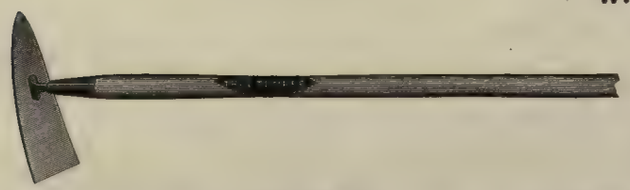
	Per Dozen
No. 7½R—6½ in. Wide by 7½ in. Deep, Polished Blade, Gold Bronzed, 4⅛ ft. Handle	**$8.00**

Weight Per Dozen About 24 Pounds.

One-half Dozen in a Bundle, Blades Burlapped.

Weeding Hoes.

W. & C.



One Prong.

	Per Dozen
No. 1P—Sharp Point, Polished Steel Blade, Riveted Iron Shank, 4⅛ ft. Handle	**$3.50**

Weight Per Dozen About 20 Pounds.

Two Prong.

	Per Dozen
No. 2P—Polished Sheet Steel Blade, Riveted Iron Shank, 4⅛ ft. Handle	**$3.80**

Weight Per Dozen About 20 Pounds.

One Dozen in a Bundle.

No. 4PM.

Steel Blade, Malleable Iron Head.

	Per Dozen
No. 4PM—4 Prongs, 4⅛ ft. Handle	**$5.00**
No. 6PM—6 Prongs, 4⅛ ft. Handle	**5.60**

Weight Per Dozen About 22 Pounds.

No. 6P.

Polished Steel Blade, Forged Steel Head.

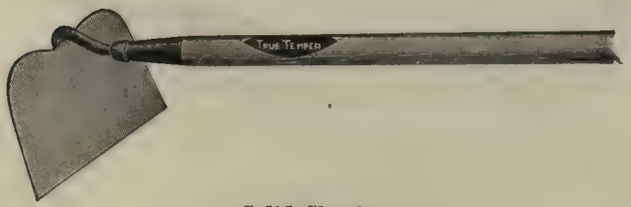
	Per Dozen
No. 4P—4 Prongs, 4⅛ ft. Handle	**$ 9.50**
No. 6P—6 Prongs, 4⅛ ft. Handle	**10.80**

Weight Per Dozen About 22 Pounds.

One Dozen in a Bundle.

Mortar Hoes.

W. & C.



Solid Shank.

	Per Dozen
No. 10—10 in. Steel Blade, Polished, 6 ft. Handle	**$12.25**

Weight Per Dozen About 53 Pounds.

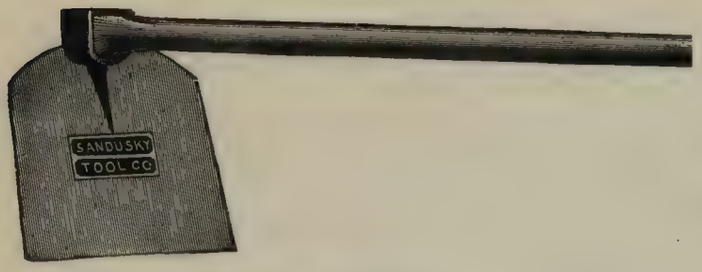
Solid Shank, Two Hole Blade.

	Per Dozen
No. 10½—10 in. Steel Blade, Polished, 6 ft. Handle	**$13.85**

Weight Per Dozen About 50 Pounds.

One Dozen in a Bundle, Blades Burlapped.

Planters' Hoes.



German Pattern.

Per Dozen

No. 4–0—5½ in. Solid Crucible Steel Blade, Half Polished, with 56 in. Handle.....**$8.35**

Weight Per Dozen About 36 Pounds.

One Dozen in a Bundle.

Extra Handles—For No. 4-0 Planters' Hoe..... **4.00**

Sprouting Hoes.

Grub and Sprouting.

Per Dozen

No. 7-0—4 in. Solid Cast Steel Blade, Half Polished, Oval Eye, **without Handle**.....**$6.70**

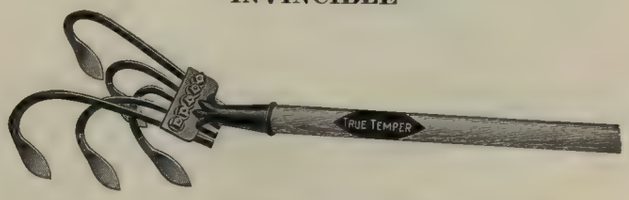
Weight Per Dozen About 18 Pounds.

Five Dozen in a Box.

Extra Handles—For No. 7-0 Sprouting Hoes..... **4.00**

Garden Cultivators.

INVINCIBLE



Five Adjustable Steel Blades.

Per Dozen

No. 1GC-5—Blades Forged from One Piece High Grade Steel, Detachable, Center Tooth Can be Removed and Rows Straddled, 4 1-3 ft. Handle.....**$12.25**

Weight Per Dozen About 42 Pounds.

One-half Dozen in a Bundle, Blades Burlapped.

NORCROSS

5 Forged Steel Blades.

Per Dozen

No. 8—Spring Steel Prongs, Malleable Detachable Socket, Malleable Frame and Clamping Bar, 4 ft. White Ash Handle.**$12.80**

The Prongs are adjustable for rows of any width. Loosening two Nuts releases any prong without disturbing the others. Works between rows or center prong can be removed and rows straddled. A perfect Weeder and Pulverizer, giving level cultivation. Removing center prong and reversing other four makes Potato Digger. By disconnecting malleable socket Cultivator may be attached to a Wheel Plow.

Weight Per Dozen About 44 Pounds.

One-half Dozen in a Bundle, Crated.

GARDENERS' FRIEND

Used as a Drill. Used for General Cultivating. Shield used in place of Center Plow.

Three Solid Cast Steel Blades.

Per Dozen

No. 18—1¾x4¾ in. Blade, Outside Edges Sharpened Entire Length, 4½ ft. Handle.....**$14.65**

Weight Per Dozen About 45 Pounds.

One Dozen in a Bundle.

Garden Cultivators.

MOORE EASY

Reversible, Steel Frame and Wheels.

	Each
No. 30—23 in. Wheels, **without Rake,** Weight Each 25 Lbs.	**$5.60**
No. 40—23 in. Wheels, **Complete with Rake,** Weight Each 28 Lbs.	**6.70**

The Moore's Easy Cultivator is made of steel and iron. Has attachment to work garden crops from the time plants are out of the ground until the crop is ready to harvest. Handles attach direct to axle so that all pressure or power is fully utilized. They can be adjusted to any height person without a wrench.

Plow is large and adapted to plowing ground for small gardens, furrowing for planting and hilling.

Rake will fit plowed ground for planting, break surface crust and destroy small weeds.

Sweep takes the place of a hand hoe and is perfect tool for work in onion and other small garden crops.

Cultivator has bolted to Standard three large Reversible Steel Blades, which will scour in any soil. Center tooth can be removed and the two outside teeth can be used for covering seed.

MOORE JR.

Reversible, Steel Frame and Wheels.

	Each
No. 10—18 in. Wheels, **without Weeder,** Weight Each 20 Lbs.	**$4.80**
No. 20—18 in. Wheels, **Complete with Weeder,** Weight Each 23 Lbs.	**5.80**

The Moore's Jr. Gardener is made with an 18 in. Steel Wheel with 1¼ in. wide Tire. The Frame is steel and will not bend or break. The Blades are reversible and will last for years. Combinations can be made to do all work necessary from the time seed is planted until the crop is ready to harvest. The combinations are as follows:

Plow, Marker or Hiller on Reverse Side and Weeder, Hand Hoe and Cultivator on the other side.

Garden Drill Attachment.

MOORE SEED

Without Handles.

	Each
Seed Drill—To be Attached to "Moore's Easy" Cultivators	**$8.90**

This Seeder will sow accurately and under all conditions. It is simple and easy to operate. To use this drill no skill or experience is needed. **Must be used with Moore Easy Garden Cultivators.**

NEW GEM

Steel and Malleable Iron, Nicely Finished.

	Each
No. 50—Without Rake, Weight Each 18 Lbs.	**$4.10**
No. 60—With Rake, Weight Each 19 Lbs.	**4.50**

The Moore's New Gem is a combined Cultivator and Plow. The Plow has a large well formed mold-board and good wide landslide. This is a great advantage over Plows that have no landslide; it makes it possible to turn a furrow in hard ground, or where there is resistance without the Plow sliding out of the ground. Handles are adjustable and attached to Frame in such a manner as to bring the pressure or power against the axle of the wheel, which is the secret of easy running.

STAR

Steel Wheel and Frame.

	Each
Star—24 in. Wheel, Selected Hardwood Handle, Complete with Rake, Weeder, Moldboard, Blade and Bull Tongue, Weight Each 20 Lbs.	**$4.25**

The shape of the Beam and its attachment to the wheel and handles, over and forward of the center of the wheel, gives tenfold greater power.

Sugar Beet Tools.

SUGAR BEET SCOOP FORKS

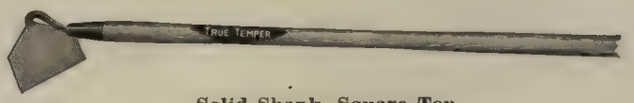
Strapped Ferrule, Scoop Shape.

Per Dozen

No. 037-S—7 Round Solid Ball Point Tines, Black Finish, Malleable D Handle.....**$23.35**

Weight Per Dozen About 53 Pounds.
One-half Dozen in a Bundle.

SUGAR BEET HOES



Solid Shank, Square Top.

Per Dozen

No. SB6—6 in. Cut, Cast Steel Polished Blade, Blued Finish Shank and Ferrule, 4½ ft. Extra Selected Handle **$9.25**

Weight Per Dozen About 25 Pounds.
One Dozen in a Bundle, Blades Burlapped.

BEET THINNING HOES

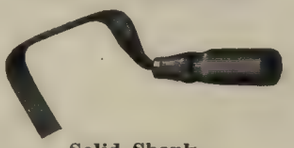
Solid Shank.

Per Dozen

No. B41—4¼ in. Cast Steel Polished Blade, Bronzed Finish, 8 in. Handle.....**$5.00**

Weight Per Dozen About 6 Pounds.
One Dozen in a Bundle, Blades Burlapped.

BEET WEEDERS



Solid Shank.

Per Dozen

No. BW1—1 in. Wide, Spring Steel Blade, 4 in. Handle, Brass Ferrule **$4.90**

Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

BEET TOPPING KNIVES

Wood Handle, Riveted.

Per Dozen

No. XX—[illegible], 11 Gauge, Finest Cutlery Steel Blade, Oil Tempered and Polished.....**$6.70**

No. 11—14 Gauge, Cutlery Steel Blade, Oil Tempered and Polished **6.10**

Weight Per Dozen About 8 Pounds.
One Dozen in a Box.

Belgium Pattern.

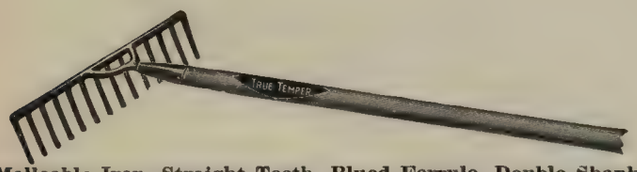
Per Dozen

No. 2—Steel Blade, Natural Hammer Finish, Curved Wood Handle, Riveted.....**$5.60**

Weight Per Dozen About 10 Pounds.

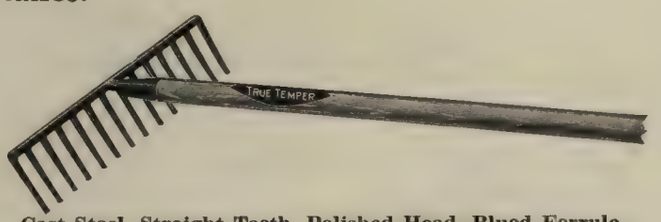
One Dozen in a Box.

Garden Rakes.



Malleable Iron, Straight Teeth, Blued Ferrule, Double Shank.

Nos.	012	014
Number of Teeth	12	14
Ap. Weight Per Dozen, Lbs.	31	32
Per Dozen	$3.90	4.25



Cast Steel, Straight Teeth, Polished Head, Blued Ferrule, Single Shank.

Nos.	12	14	16
Number of Teeth	12	14	16
Ap. Weight Per Dozen, Lbs.	34	36	38
Per Dozen	$9.45	10.25	11.85

One Dozen in a Bundle.

One Piece Steel Head, Teeth and Bow, Blue and Gold Finish, Selected Handles.

Nos.	SB12	SB14	SB16
No. of Teeth	12	14	16
Wt. Doz., Lbs.	37	39	40
Per Dozen	$8.00	8.35	8.70

Cast Steel, Solid End Bows, Curved Teeth, Polished Head, Bronzed Bows and Capped Ferrule.

Nos.	B11	B13	B15
No. of Teeth	11	13	15
Wt. Doz., Lbs.	35	38	42
Per Dozen	$11.15	12.00	12.90

Weldless, Light Pattern, Light Solid Steel Head and Braced Shank, Blued Finish Straight Teeth, Bronzed Ferrule.

Nos.	LJ12	LJ14	LJ16
No. of Teeth	12	14	16
Wt. Doz., Lbs.	32	35	39
Per Dozen	$5.90	6.50	7.00

One Dozen in a Bundle.

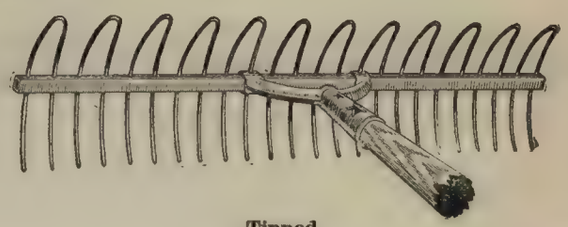
Lawn Rakes.

Ole Olson.

Per Dozen

No. 25—26 Teeth, Well Seasoned Curved Hardwood Head, Clinched Wood Teeth, Gold Bronzed Malleable Socket **$8.00**

Weight Per Dozen About 33 Pounds.
One Dozen Heads in a Crate, Handles in a Bundle.

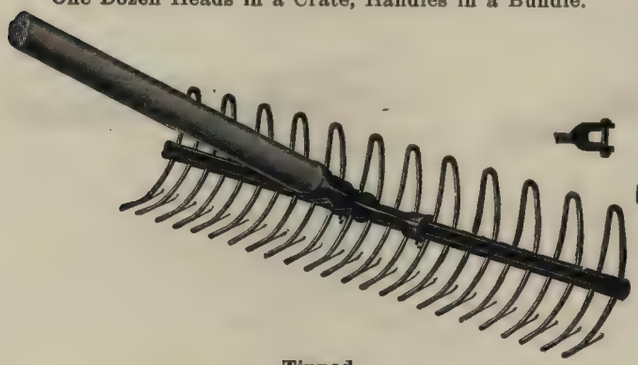


Tinned.

Per Dozen

No. 1—24 No. 9 Spring Steel Wire Teeth, 20 in. Steel Head, Malleable Iron Bracket, Cast Solid Over Head, Teeth Pass Through Bracket, Waxed Handle **$5.80**

Weight Per Dozen About 31 Pounds.
One-half Dozen in a Bundle.



Tinned.

Per Dozen

No. 224R—24 No. 9 Spring Steel Wire Teeth, 20½ in. Metal Head, Malleable Iron Socket, Securely Bolted Around Head..... **$6.25**

Weight Per Dozen About 35 Pounds.
One-half Dozen in a Bundle.

Auto Cleaner.

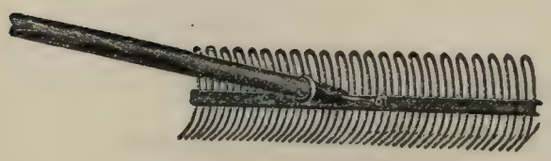
Per Dozen

No. 205—26 Teeth, Selected Well Seasoned Wood Teeth and Head, 6 ft. Handle..... **$10.65**

Will clean itself from grass and leaves without any annoyance to the operator. A backward motion of the Rake from the operator will clean all Teeth at once.

Weight Per Dozen About 34 Pounds.
One-half Dozen in a Bundle.

QUEEN CITY



Tinned Wire Teeth.

Per Dozen

No. 2046—46 Teeth, ⅜ in. Apart, 20 in. Metal Head, Malleable Iron Socket, Bolted Around Head **$11.65**

Weight Per Dozen About 42 Pounds.
One-half Dozen in a Bundle.

PARK

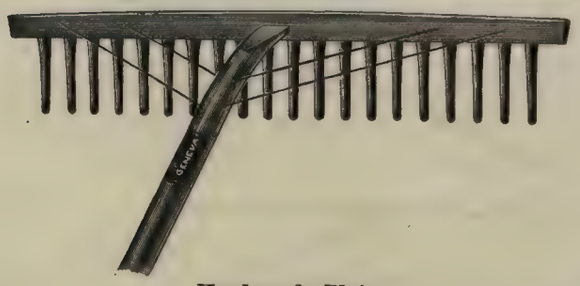
Extra Heavy, Reversible.

Per Dozen

No. 36—36 Steel Wire Teeth, 30 in. Metal Head, Malleable Braced and Bolted Socket..... **$11.65**

Weight Per Dozen About 48 Pounds.
One-half Dozen in a Bundle.

Clover Rakes.



Hardwood, Plain.

Per Dozen

No. 20—20 Teeth, Square Mortise, Three Wire Braces..**$6.70**

Weight Per Dozen About 32 Pounds.

Hay Rakes.

Wood, Square Mortise, Two Wire Braces, 10 Teeth.

Per Dozen

No. 2—Common, Hardwood, Plain **$5.00**
No. 1—Extra, Hardwood, Plain **5.35**
No. 11—Extra, Hardwood, Oiled **5.50**
No. 12—Premium, Hardwood, Plain **5.70**

Average Weight Per Dozen 28 Pounds.
One Dozen in a Bundle.

Garden Trowels.

English Pattern, Extra Heavy.

Per Dozen

No. 215—6 in. Cast Steel Blade, Riveted to Shank with Extra Strong Rivets, Shank and Adjoining Part of Blade Blue Enameled, Wood Handle...**$2.25**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Solid Shank.

Per Dozen

No. 6—6 in. Steel Blade, Wood Handle **$1.35**

No. 7—7 in. Steel Blade, Wood Handle **1.70**

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

Wood Handle.

Per Dozen

No. 106—6 in. Steel Blade.....**$0.80**

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

Weeding Hooks.

Wood Handle.

Per Dozen

No. 1—5 Prongs, Malleable Iron, Tinned **$1.35**

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box.

Weeders.

Wood Grip Handle.

Per Dozen

No. E—3 Prongs, Hand Forged Steel **$5.00**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Floral Forks.

Polished Hardwood Handle.

Per Dozen

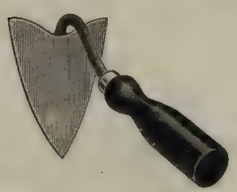
No. 45—10½ in. Long Over All, 4½ in. Prongs, 4 Prongs, Cast Steel Fork, Retinned, Brass Ferrule **$2.00**

Weight Per Dozen About 5½ Pounds.

One Dozen in a Box.

Floral and Garden Tools.

BABY WARREN HOES



Solid Shank.

Per Dozen

No. BW4½—4½ in. Tempered Steel Blade, Highly Polished and Gold Bronzed, Tuscan Rosewood Finish Handle.....**$5.25**

For transplanting, making and covering drills in flower beds and weeding. Excellent for scraping young trees.

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

NORCROSS MIDGET CULTIVATORS

9 in. Wood Handle. Per Dozen

No. 9—Three ¼ in. Square Spring Steel Detachable Prongs, Malleable Head **$4.50**

Designed for use in flowers, small shrubbery, etc., or for cultivating small vegetables where the use of a long handle tool is less practical. Excellent for strawberries and all similar low-growing plants where tedious hand cultivation is required.

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Bundle, Crated.

Four Piece Floral Set.

Per Dozen Sets

No. 4PSF—Set Consists of One Each, Round Point Steel Floral D Handle Shovel, 6 Tooth Malleable Iron Rake with 4 ft. Handle, 4 in. Steel Blade Hoe with 4 ft. Handle, and 4 Angular Tine D Handle Spading Fork....**$26.65**

Weight Per Dozen Sets About 112 Pounds.

One-twelfth Dozen Sets in a Bundle.

Three Piece Floral Set.

Per Dozen Sets

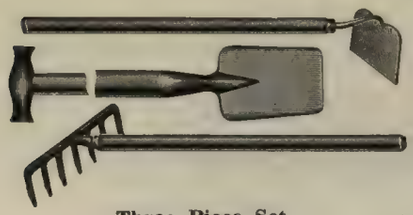
No. 3PF—Set Consists of One Each Round Point Steel Floral D Handle Shovel, 6 Tooth Malleable Iron Rake with 4 ft. Handle, 4 in. Steel Blade Hoe with 4 ft. Handle.....**$17.80**

Weight Per Dozen Sets About 100 Pounds.

One-twelfth Dozen Sets in a Bundle.

Floral and Garden Tools.

CHILDREN'S FLORAL TOOLS



Three Piece Set.

Per Dozen Sets

No. 15—Consists of Steel Hoe, T Handle Spade, and 7 Tooth Malleable Rake, Length of Handles About 30 in. **$4.50**

Weight Per Dozen Sets About 20 Pounds.

Three Piece Set.

Per Dozen Sets

No. 2—Consists of Steel Hoe, Steel Spade, and 6 Tooth Wrought Steel Rake, Length of Handles About 20 in. **$2.25**

Weight Per Dozen Sets About 17 Pounds.

One-twelfth Dozen Sets in a Bundle.

FLORAL SHOVELS

Round Point.

Per Dozen

No. FSD—31 in. Long, Solid Steel Blade, Blued Finish, Malleable D Handle **$8.55**

Weight Per Dozen About 28 Pounds.

One Dozen in a Bundle.

WEED DIGGER AND ASPARAGUS KNIVES

Enameled Shank.

Per Dozen

No. 94—10 in. Drop Forged Steel Blade, Ground Sharp, Solid Birch Handle **$5.60**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

THISTLE OR WEED CUTTERS

Plain Ferrule.

Per Dozen

No. 39—Polished Steel Blade, Malleable Iron Foot Rests, 4½ ft. Handle **$9.90**

Weight Per Dozen About 34 Pounds.

One-half Dozen in a Bundle.

Solid Shank, Strap Ferrule.

Per Dozen

No. 39A—Blade and Foot Rest Forged from One Solid Piece of Steel, Polished, Bent Iron D Handle **$16.00**

Weight Per Dozen About 35 Pounds.

One-half Dozen in a Bundle.

Dandelion Spuds.

Champion, Reversible.

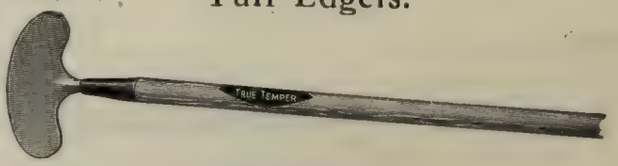
Per Dozen

No. 137—Cast Steel Blade, 42 in. Handle **$2.70**

Weight Per Dozen About 14 Pounds.

One Dozen in a Bundle.

Turf Edgers.



Solid Shank.

Per Dozen

No. 40—Steel Blade, 4 ft. Handle **$10.25**

Weight Per Dozen About 30 Pounds.

One Dozen in a Bundle.

Border Knives.

Heavy Polished Steel Blade, Well Ground.

Per Dozen

No. 1—9 in. Blade, Extra Heavy Malleable Shank, Blade Riveted to Shank, Shank Enameled **$13.35**

Weight Per Dozen About 24 Pounds.

One Dozen in a Box.

Scuffle Hoes.

Cast Steel Blade.

Per Dozen

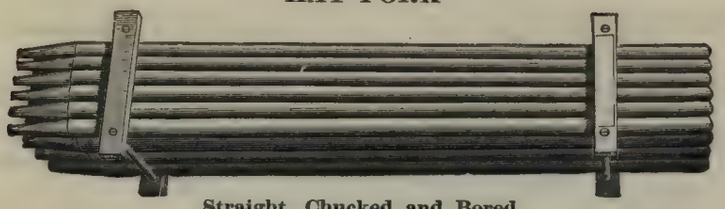
No. 5—7 in. Blade, Malleable Iron Socket **$6.75**

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box.

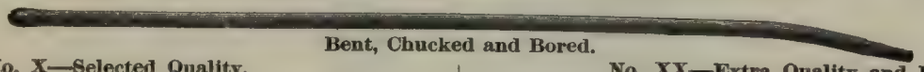
Implement Handles.

HAY FORK



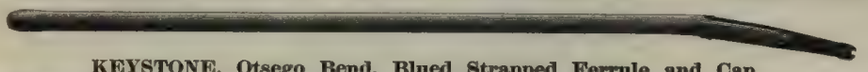
Straight, Chucked and Bored.

No. X—Selected Quality.						No. XX—Extra Quality and Finish.						
Length, Feet	4	4½	5	5½	6	Length, Feet	4	4½	5	5½	6	8
Ap. Wt. Per Dozen, Lbs.	20	22	24	26	30	Ap. Wt. Doz., Lbs.	22	24	26	28	33	45
Per Dozen	$2.10	2.20	2.55	2.90	3.35	Per Dozen	$2.90	3.00	3.40	3.90	4.40	8.40



Bent, Chucked and Bored.

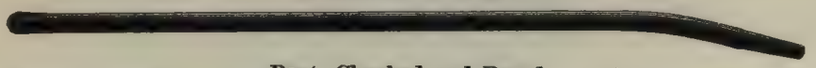
No. X—Selected Quality.						No. XX—Extra Quality and Finish.					
Length, Feet	4	4½	5	5½	6	Length, Feet	4	4½	5	5½	6
Ap. Wt. Per Dozen, Lbs.	20	22	24	26	30	Ap. Wt. Per Dozen, Lbs.	22	24	26	28	33
Per Dozen	$2.60	2.80	3.20	3.60	4.15	Per Dozen	$3.40	3.60	4.10	4.60	5.20



KEYSTONE, Otsego Bend, Blued Strapped Ferrule and Cap. Per Dozen

No. OHX4 —4 ft., Selected Quality, with Strapped and Capped Ferrule, Weight Per Dozen About 26 Lbs..... $4.90
No. OHX4½—4½ ft., Selected Quality, with Strapped and Capped Ferrule, Weight Per Dozen About 28 Lbs..... 5.15

BARLEY FORK



Bent, Chucked and Bored. Per Dozen

No. XX—4½ ft. Extra Quality and Finish, Weight Per Dozen About 25 Lbs..... $4.00

HEADER FORK

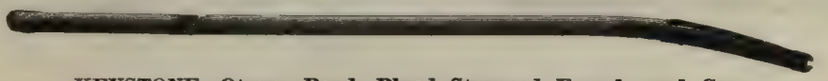
Bent, Chucked and Bored. Per Dozen

No. XX—4 ft., Extra Quality and Finish, Weight Per Dozen About 22 Lbs..... $3.70
No. XX—4½ ft., Extra Quality and Finish, Weight Per Dozen About 26 Lbs..... 4.00

LONG MANURE FORK

Bent, Chucked and Bored.

No. X—Selected Quality.			No. XX—Extra Quality and Finish.		
Length, Feet	4	4½	Length, Feet	4	4½
Approx. Weight Per Dozen, Lbs.	22	26	Approx. Weight Per Dozen, Lbs.	24	28
Per Dozen	$2.70	2.95	Per Dozen	$3.70	4.00

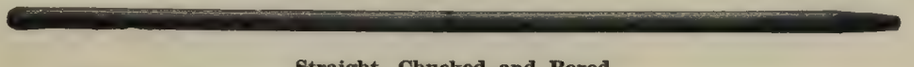


KEYSTONE, Otsego Bend, Blued Strapped Ferrule and Cap.

Per Dozen

No. OMX4—4 ft. Selected Quality, with Strapped and Capped Ferrule, Weight Per Dozen About 28 Lbs..... $5.00

MANURE HOOK



Straight, Chucked and Bored.

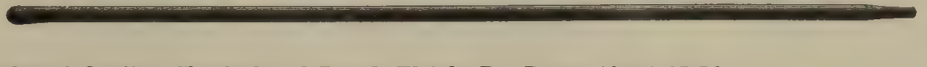
Per Dozen

No. XX—6 ft., Extra Quality and Finish, Weight Per Dozen 29 Lbs. $5.85

RAKE

Hay Rake.	Per Dozen	Garden Rake.	Per Dozen
No. X—6 ft., Selected Quality, Chucked and Bored... Weight Per Dozen About 18 Pounds.	$1.90	No. X—6 ft., Selected Quality, Chucked and Bored, Weight Per Dozen About 18 Lbs.....	$2.90
		No. XX—6 ft., Extra Quality and Finish, Chucked and Bored, Weight Per Dozen About 20¼ Lbs....	3.90

GARDEN HOE



Per Dozen

No. X—4½ ft., Selected Quality, Chucked and Bored, Weight Per Dozen About 15 Lbs..... $2.00
No. XX—4½ ft., Extra Quality and Finish, Chucked and Bored, Weight Per Dozen About 16 Lbs..... 2.70

Two Dozen in a Bundle.

Implement Handles.

WOOD D COKE FORK

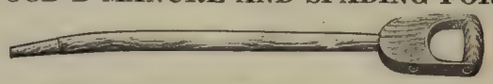
Bent, Strapped and Capped, Riveted D.

Per Dozen

No. XX—Coke Fork, Extra Quality and Finish.....$10.00

Weight Per Dozen About 26 Pounds.

WOOD D MANURE AND SPADING FORK



Bent, Chucked and Bored, Riveted D.

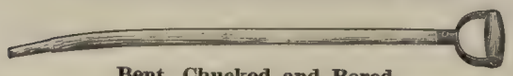
Per Dozen

No. XX—Manure Fork, Extra Quality and Finish.....$5.35

No. XX—Spading Fork, Extra Quality and Finish..... 5.35

Weight Per Dozen About 24 Pounds.

MALLEABLE D MANURE FORK



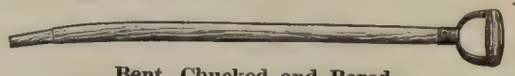
Bent, Chucked and Bored.

Per Dozen

No. XX—Malleable D, Extra Quality and Finish.....$4.35

Weight Per Dozen About 25 Pounds.

MALLEABLE D SPADING FORK



Bent, Chucked and Bored.

Per Dozen

No. XX—Malleable D, Extra Quality and Finish.....$4.35

Weight Per Dozen About 25 Pounds.

MALLEABLE D BARLEY FORK

Bent, Chucked and Bored.

Per Dozen

No. XX—Malleable D, Extra Quality and Finish.....$5.35

Weight Per Dozen About 28 Pounds.

MALLEABLE D VEGETABLE SCOOP FORK

Bent, Strapped and Capped.

Per Dozen

No. XX—Malleable D, Extra Quality and Finish.....$8.35

Weight Per Dozen About 25 Pounds.

WOOD D SPADE

Bent, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.50

Weight Per Dozen About 24 Pounds.

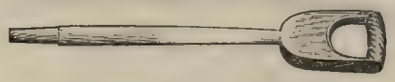
Chisholm Pattern, Bent, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.50

Weight Per Dozen About 24 Pounds.

WOOD D SPADE



Black Diamond Pattern, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.50

Weight Per Dozen About 23 Pounds.

WOOD D SHOVEL

Bent, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.70

No. CXX—Wood D, Extra Quality and Finish, for Carter's Shovels, Ames' Bend..... 8.00

Weight Per Dozen About 25 Pounds.

WOOD D SHOVEL

Chisholm Pattern, Bent, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.50

Weight Per Dozen About 24 Pounds.

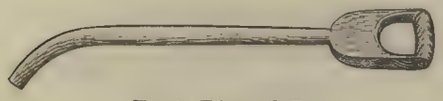
Black Diamond Pattern, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.50

Weight Per Dozen About 24 Pounds.

WOOD D SCOOP



Bent, Riveted D.

Per Dozen

No. XX—Wood D, Extra Quality and Finish.....$5.70

Weight Per Dozen About 25 Pounds.

Chisholm Pattern, Bent, Riveted D.

Per Dozen

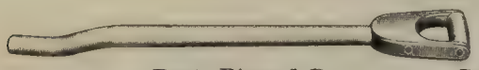
No. XX—Wood D, Extra Quality and Finish.....$5.50

Weight Per Dozen About 24 Pounds.

All Above, One-half Dozen in a Bundle.

Implement Handles.

WOOD D, FOR LUDERS SPADES



Bent, Riveted D. Per Dozen

No. XX—Wood D, Extra Quality and Finish, for No. 1871 LUDERS German Spades.....$7.80

Weight Per Dozen About 21 Pounds.

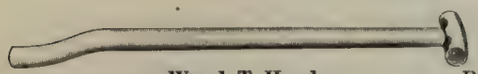
Iowa Pattern, Bent, Riveted D. Per Dozen

No. XX—Wood D, Extra Quality and Finish, for No. 1878 LUDERS German Spades.....$8.90

Weight Per Dozen About 21 Pounds.

One-half Dozen in a Bundle.

WOOD T GERMAN SPADE

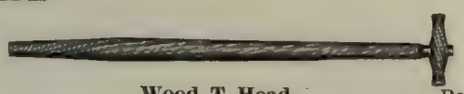


Wood T Head. Per Dozen

No. 01—For No. 1870 LUDERS German Spade.....$7.80

Weight Per Dozen About 19 Pounds.

One Dozen in a Bundle.



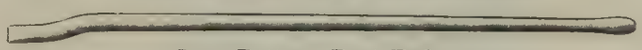
Wood T Head. Per Dozen

No. 1—Best Quality $6.75

Weight Per Dozen About 17 Pounds.

One Dozen in a Bundle.

LONG LUDERS GERMAN SPADE



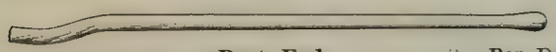
Iowa Pattern, Bent End. Per Dozen

No. 79—For No. 1879 German Spades.....$6.70

Weight Per Dozen About 23 Pounds.

One Dozen in a Bundle.

LONG SPADE



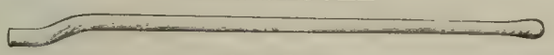
Bent End. Per Dozen

No. X—4½ ft., Selected Quality, Weight Per Dozen About 30 Lbs.....$3.35

No. XX—4½ ft. Extra Quality and Finish, Weight Per Dozen About 31 Lbs..... 4.70

Two Dozen in a Bundle.

LONG SHOVEL



Bent End. Per Dozen

No. X—4½ ft., Selected Quality, Weight Per Dozen About 30 Lbs.....$4.00

No. XX—4½ ft., Extra Quality and Finish, Weight Per Dozen About 31 Lbs..... 5.35

No. CXX—4½ ft., Extra Quality and Finish, Weight Per Dozen About 31 Lbs., for Carter's Shovels, Ames Bend 8.00

No. X—4½ ft., Extra Quality, for Chisholm Pattern Shovels, Weight Per Dozen About 30 Lbs... 4.00

Two Dozen in a Bundle.

LONG CHISHOLM PATTERN SCOOP HANDLES

Bent End. Per Dozen

No. XX—4½ ft., Extra Quality and Finish, for Chisholm Pattern Scoops $5.35

Weight Per Dozen About 21 Pounds.

Two Dozen in a Bundle.

TILING SPADE HANDLES

Strapped and Capped.
XX Grade Northern White Ash. Per Dozen

No. OT—For Osmundson Tiling Spades.....$11.15

No. BT—For Boss Tiling Spades..... 11.15

Weight Per Dozen About 24 Pounds.

One Dozen in a Bundle.

Malleable D Heads.

Per Dozen

No. 5—Malleable Iron $1.35

Weight Per Dozen About 8 Pounds.

Open Stock.

Ferrule Caps.

Wrought Iron, Polished. Per Dozen

No. 03—Hay Fork, Ferrule Caps.....$0.55

No. 04—Manure Fork, Ferrule Caps..... .55

No. 02—Spading Fork, Ferrule Caps..... .55

Weight Per Dozen About ½ Pound.

Open Stock.

Ferrules.

PLAIN

Wrought Iron, Polished. Per Dozen

No. 3—Hay Fork $0.90

No. 4—Manure Fork ..... .90

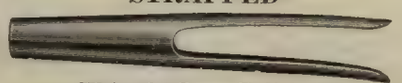
No. 16—Hoe ..... .90

No. 2—Spading Fork ..... .90

Weight Per Dozen About 1½ Pounds.

Open Stock.

STRAPPED



Wrought Iron, Polished.

Per Dozen

No. 14—Hay Fork $2.25

No. 15—Manure Fork 2.25

No. 12—Spading Fork 2.25

Weight Per Dozen About 4½ Pounds.

Open Stock.

Scythe Snaths.

DERBY & BALL

Patent Grass, Regular Bend. Per Dozen

No. 50—Selected Ash, Iron Trimmed, Screw Nibs, Patent Swinging Socket Loop.....**$13.90**
Weight Per Dozen About 50 Pounds.
One-half Dozen in a Bundle.

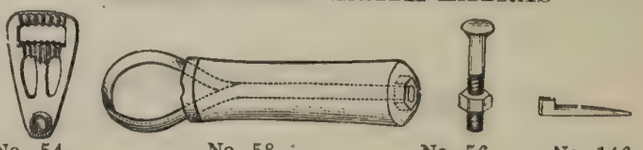
Bush, Regular Bend. Per Dozen

No. 100—Selected Ash, Iron Trimmed, Double Rings, Screw Nibs **$15.35**
Weight Per Dozen About 62 Pounds.
One-half Dozen in a Bundle.

Bush, Regular Bend. Per Dozen

No. 105—Selected Ash, Iron Trimmed, Screw Nibs, Patent Loop **$16.00**
Weight Per Dozen About 52 Pounds.
One-half Dozen in a Bundle.

DERBY & BALL SNATH EXTRAS



No. 54. No. 58. No. 56. No. 146.

Per Dozen

No. 54—Swinging Socket, for No. 50 Patent Snath..**$0.90**
No. 58—Nib Iron, Wood and Collar Complete..... **2.70**
No. 56—Socket Bolt and Nut, for No. 50 Grass Snath. **.90**
No. 146—Large Wedge, for No. 100 Double Ring Bush Snath ..... **.60**

DERBY & BALL SNATH EXTRAS

No. 151.

No. 202.

No. 103.

No. 222.

Per Dozen

No. 151—Wrench, for No. 50 Patent Grass Snath.....**$0.45**
No. 202—Loop Ring, for No. 50 Patent Grass Snath.. **1.15**
No. 103—Drive Ring, for Bush Snath.....**$1.35**
No. 222—Loop Bolt and Nut, for No. 50 Patent Snath.. **1.35**

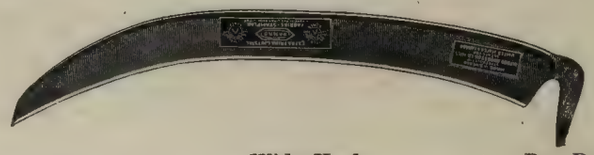
Grass Scythes.

EVERKEEN

Wide Heel. Per Dozen

EVERKEEN—Ribbed Razor Blade, Sharpened, Finished in Black **$16.65**
The EVERKEEN Scythe is made of the Best Quality of Steel. The Rib that runs from end to end increases its strength without adding any weight, also overcomes the trembling which is felt in mowing heavy grass with cheap plain scythes.
Assorted Lengths, 28 to 30, 30 to 32, 32 to 34, 32 to 36 in.
Weight Per Dozen About 38 Pounds.
One Dozen in a Box.

SWEDISH



Wide Heel. Per Dozen

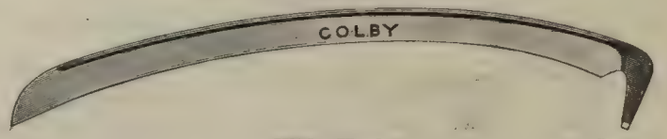
Swedish—Best Quality Forged Steel, Reinforced Back, Sharpened, Finished in Black.....**$15.60**
Swedish Scythes are made of the finest hard steel, protected on both sides by softer steel to prevent breaking, thus care must be used when sharpening not to remove too much of the protecting soft steel.
Assorted Lengths 28 to 30, 30 to 32, 32 to 34 in.
Weight Per Dozen About 32 Pounds.
One Dozen in a Box.

LITTLE GIANT

Wide Heel. Per Dozen

Little Giant—Best Crucible Steel, Charcoal Tempered, Finished in Black, Sharpened.....**$16.65**
Assorted Lengths, 28 to 30, 30 to 32, 32 to 34, 32 to 36, 34 to 36 in.
Weight Per Dozen About 38 Pounds.
One Dozen in a Box.

COLBY



Wide Heel. Per Dozen

Colby—Razor Blade, Full Mirror Polished Web and Back, Sharpened **$17.25**
Assorted Lengths, 28 to 30, 30 to 32, 32 to 34, 32 to 36, 34 to 36 in.
Weight Per Dozen About 33 Pounds.
One Dozen in a Box.

BLACK GEM

Sharpened. Per Dozen

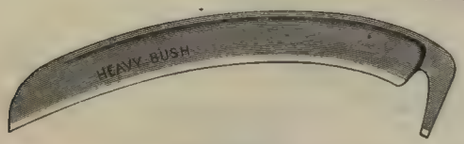
Black Gem—Hand Hammered, Oil Tempered, Charcoal Hardened, Finished in Black.....**$15.00**
Assorted Lengths, 28 to 30, 30 to 32, 32 to 34, 32 to 36 in.
Weight Per Dozen About 32 Pounds.
One Dozen in a Box.

GERMAN

Wide Heel. Per Dozen

German—30 in. Long, Hand Hammered, Extra Quality Steel, Blued **$16.65**
Weight Per Dozen About 30 Pounds.
One Dozen in a Box.

Bush Scythes.



Cast Steel. Per Dozen

Regular Heavy Bush—Beaded and Finished in Black..**$15.60**

Assorted Lengths, 12 to 14 and 18 to 24 in.

Weight Per Dozen About 33 Pounds.

One-half Dozen in Straw.

Best Crucible Steel. Per Dozen

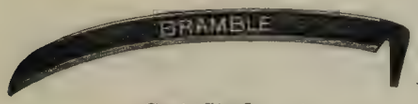
Little Giant Bush—Ribbed Blade, Finished in Black..**$17.20**

Assorted Lengths, 16 to 20 and 18 to 22 in.

Weight Per Dozen About 35 Pounds.

One Dozen in a Box.

Weed Scythes.



Cast Steel. Per Dozen

Regular Weed Scythes—Heavy, Beaded and Finished in Black **$15.60**

Assorted Lengths, 26 to 33 in.

Weight Per Dozen About 38 Pounds.

One-half Dozen in Straw.

Best Crucible Steel. Per Dozen

Little Giant Weed Scythe—Ribbed Blade, Finished in Black **$17.20**

Assorted Lengths 26 to 33 in.

Weight Per Dozen About 39 Pounds.

One Dozen in a Box.

Grain or Cradle Scythes.

Painted Black.

Per Dozen

Diamond—45 to 47 in. Long, Gold Bronzed Web.....**$21.10**

Weight Per Dozen About 45 Pounds.

One-half Dozen in Straw.

Cradle Fingers.

Morgan Pattern.

Per Dozen

Cradle Fingers—Oiled **$1.80**

Weight Per Dozen About 9 Pounds.

Five Dozen in a Bundle.

Grain Cradles.

MORGAN PATTERN

Per Dozen

Wisconsin Favorite—Wire Braced, Fitted to Scythe, Weight Per Dozen About 123 Lbs. **$57.75**

Wisconsin Favorite—Cradle Woods, **without Scythe**, Weight Per Dozen About 82 Lbs. **38.85**

One-half Dozen in a Bundle.

EXTRA PARTS FOR GRAIN CRADLES

Per Dozen

Screw Bolts and Nuts.....**$ 1.60**

Posts **1.35**

Wire Braces and Wedges..... **.35**

Cradle Snaths **16.70**

Scythestone Assortments.

No. A—Assortment.

CONTENTS OF ASSORTMENT No. A

Kind.	Selling Price Each
Eighteen Vermont Quinnebog Scythestones	$0.05
Twelve Indian Pond No. 1 Scythestones	.10
Twelve Quickcut Scythestones	.10
Six Mowing Machine Scythestones	.10
Twelve White Mountain Scythestones	.15
Twelve Lamoille Scythestones	.15
Eight Corundum Scythestones	.15

CONTENTS OF ASSORTMENT No. D

Kind.	Selling Price Each
Nine White Mountain Scythestones	$0.15
Nine Quickcut Scythestones	.10
Nine Leader Scythestones	.05
Nine Crescent Scythestones	.10

No. D—Assortment.

Per Assortment

No. A—Assortment, Consists of 80 Scythestones, Put up in 12¼ in. Long, 11½ in. Wide, 10½ in. High Case **$10.00**

Gross Weight About 80 Pounds.

Per Assortment

No. D—Assortment, Consists of 36 Scythestones, Put up in 12½ in. Long, 7¾ in. Wide 7 in. High Case **$8.90**

Gross Weight About 25 Pounds.

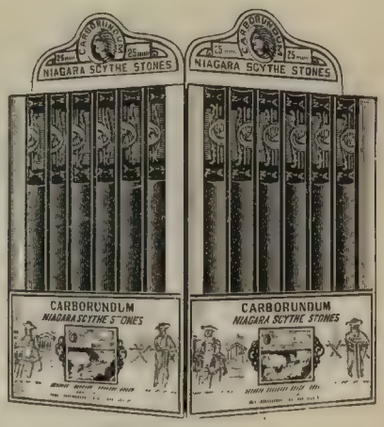
Carborundum Scythe Stones.

NIAGARA

One Dozen Scythe Stones in a Cardboard Display Box, Reinforced with Wood and Covered with a Buff Glazed Coated Paper.

	Per Box
No. 190—10 in. Long, Weight Per Dozen About 6½ Lbs.	**$3.20**
No. 191—12 in. Long, Weight Per Dozen About 10 Lbs.	**4.00**
No. 192—Heavy, 10 in. Long, Weight Per Dozen About 10 Lbs.	**4.00**

The box is hinged at the center and when folded back for display makes a very substantial and exceedingly attractive appearance.



Nos. 190 to 192.

Nos. 190W to 192W.

Three Dozen Scythe Stones in a Highly Polished Wood Display Box.

	Per Box
No. 190W—10 in. Long, Size of Box 12¼x7⅞x5⅝ in., Weight Per Dozen About 6½ Lbs.	**$ 9.60**
No. 191W—12 in. Long, Size of Box 14¼x9¾x6½ in., Weight Per Dozen About 10 Lbs.	**12.00**
No. 192W—Heavy, 10 in. Long, Size of Box 12¾x7⅞x6½ in., Weight Per Dozen About 10 Lbs.	**12.00**

This box is of convenient size to stand on counter, and is most attractive in appearance.

Scythe Stones.

Western Grindstone Grit.

	Per Gross
No. 1—Western Red End, 10 in. Long, Flat Face and Square Edges, Very Coarse and Rapid Cutting	**$7.80**

Weight Per Gross About 102 Pounds.

Sharp Grit.

	Per Gross
No. 1—Indian Pond, Red End, 10 in. Long, Oval, Gives a Quick Medium Coarse Edge	**$11.15**

Weight Per Gross About 108 Pounds.

Sharp Grit.

	Per Gross
No. 1—Genuine Lamoille, 10 in. Long, Oval, Very Sharp Gritted	**$15.60**

Weight Per Gross About 124 Pounds.

Medium Grit.

	Per Gross
No. 1—Harvest Queen, 10 in. Long, Octagon, Heavy, Medium Gritted	**$14.50**

Weight Per Gross About 115 Pounds.

Medium Grit.

	Per Gross
No. 1—Vermont Quinnebog, 10 in. Long, Flat with Rounded Edges	**$7.25**

Weight Per Gross About 118 Pounds.

Western Grit.

	Per Gross
No. 1—Crescent, 9½ in. Long, Full Oval, Fast Cutting, Gives a Quick, Coarse Edge	**$10.60**

Weight Per Gross About 96 Pounds.

Emery.

	Per Gross
No. 10—Quick Cut, 10 in. Long, Oval, Steel Rod Runs Through Center to Prevent Breaking, Gives Medium, Coarse Edge	**$13.35**

Weight Per Gross About 96 Pounds.

Cigar Shape.

	Per Gross
No. 1—Vienna, 9 in. Long, Emery, a Good Stone for Scythes or Household Use	**$16.00**

Weight Per Gross About 210 Pounds.

All Scythe Stones, One-quarter Gross in a Box.

Grass Hooks.

EVERKEEN J.P.H.CO. TRADE MARK

Patent Offset.

Per Dozen

EVERKEEN—Forged from Bar Tool Steel, Carefully Tempered, Wood Handle $7.45

By the Patent One Piece Offset, the hand is removed from the ground, enabling a clear swing and a smooth cut.

Weight Per Dozen About 10 Pounds.
One Dozen in a Box.

LITTLE GIANT

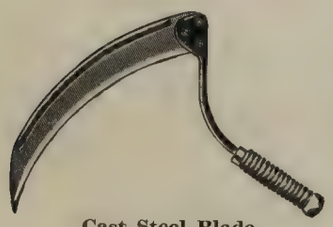
Extra Quality Tool Steel.

Per Dozen

Little Giant—12½ in. Blade, Drop Forged Steel Shank, Painted Red, Black Enameled Ribbed Wood Handle $7.25

Weight Per Dozen About 9 Pounds.
One Dozen in a Box.

WIZARD



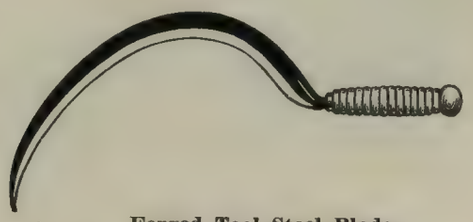
Cast Steel Blade.

Per Dozen

Wizard—Green Finished, Malleable Shank, Beaded Wood Handle $4.50

Weight Per Dozen About 10¾ Pounds.
One Dozen in a Box.

WILLCUT



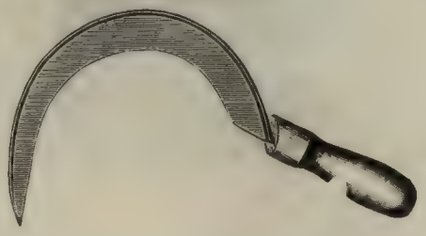
Forged Tool Steel Blade.

Per Dozen

Willcut — Stem Riveted, Polished Bevel, Balance of Blade Silver Bronzed, Beaded Wood Handle $3.80

Weight Per Dozen About 8 Pounds.
One Dozen in a Box.

GERMAN



Hammered Steel, Blued.

Per Dozen

No. 0—Small Size, Weight Per Dozen About 4 Lbs..... $4.00
No. 1—Medium Size, Weight Per Dozen About 5 Lbs..... 4.50
No. 2—Large Size, Weight Per Dozen About 6 Lbs..... 5.00

One-half Dozen in a Bundle.

Corn Knives.

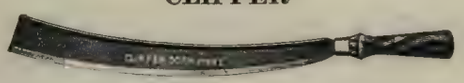
EARLE'S

Riveted Tang. Per Dozen

No. 2—18 in. Forged Crucible Steel Blade, Polished on One Side, Natural Wood Handle. $6.70

Weight Per Dozen About 17 Pounds.
One Dozen in a Box.

CLIPPER



Painted.

Per Dozen

No. 3—18½ in., Cast Steel Blade, Hardwood Handle... $3.70

Weight Per Dozen About 13 Pounds.
One-half Dozen Wrapped in Straw.

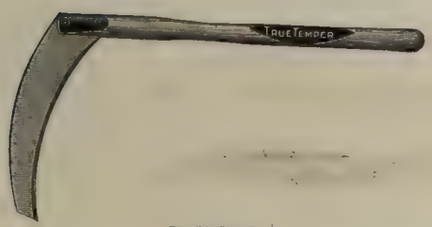
WESTERN KING

Polished. Per Dozen

No. 4—15 in. Special Cast Steel Blade, Riveted Hardwood Handle $4.00

Weight Per Dozen About 16 Pounds.
One Dozen in a Box.

Corn Hooks.



Polished.

Per Dozen

No. 10—Cast Steel Blade..... $2.90

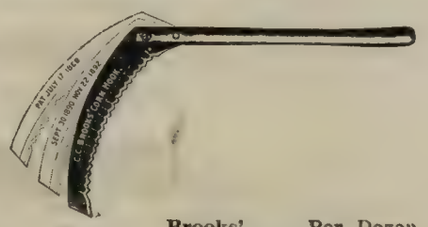
Weight Per Dozen About 12 Pounds.
One Dozen in a Bundle.

Carvers'.

Per Dozen

No. 12—Spring Steel Blade, Polished $4.90

Weight Per Dozen About 16 Pounds.
One Dozen in a Bundle.



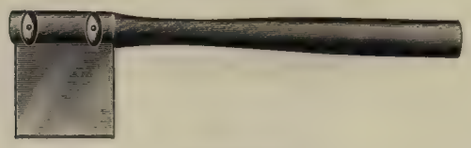
Brooks'. Per Dozen

No. 15—13 in. Adjustable Corrugated Steel Blade, Polished, 18 in. Natural Wood Handle $5.60

Weight Per Dozen About 12 Pounds
One Dozen in a Bundle.

Tobacco Hatchets.

EDGERTON



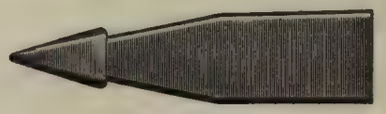
Round Eye.

	Per Dozen
No. 10—Cast Steel Blade, 20 in. Selected Wood Handle	**$6.15**

Weight Per Dozen About 10½ Pounds.

One Dozen in a Box.

Tobacco Spuds.



Tin Ferrule.

	Per Dozen
No. 1—Tinned Steel Point	**$4.50**

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box.

Band Knives.

Meriden.

	Per Dozen
No. 1—Steel Blade, Sickle Edge, Riveted Handle	**$8.90**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

Hay Knives.

Heath Pattern.

	Per Dozen
No. 50—Oil Tempered Cast Steel Sectional Knives, Riveted to Steel Blade, Malleable Iron D Handle, with Step	**$13.35**

Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

Hay Knives.

WEYMOUTH

Wood Handles.

	Per Dozen
No. 30—Solid Steel Blade	**$15.60**

Weight Per Dozen About 60 Pounds.

One Dozen in a Box.

BROOKS'

Wood Handles.

	Per Dozen
No. 20—Corrugated Solid Steel Blade	**$17.80**

Weight Per Dozen About 56 Pounds.

One Dozen in a Box.

IWAN'S

Adjustable Iron Handles, Wood Inlaid.

	Per Dozen
No. 40—Cast Steel Sectional Blades, Sickle Edges	**$17.20**

Weight Per Dozen About 78 Pounds.
One-half Dozen in a Box.

	Per Dozen
Extra Point Sections—For No. 40 Iwan's Hay Knives	**$4.00**
Extra Middle Sections—For No. 40 Iwan's Hay Knives	**3.35**

SPEAR POINT

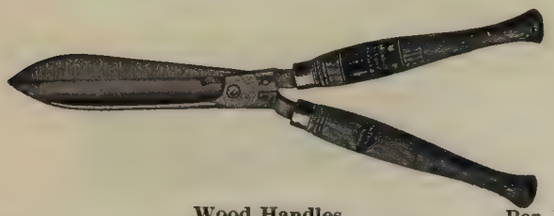
Wood Handle.

	Per Dozen
No. 374—Cast Steel Blade	**$21.35**

Weight Per Dozen About 81 Pounds.

One-half Dozen in Straw.

Hedge Shears.



Wood Handles. Per Pair

No. 101—9 in. Cut, Notched Cast Steel Blades.....**$2.50**

Weight Per Pair About 3 Pounds.

One Pair in a Package.

Hedge Trimmers.

Cast Steel Blade. Per Dozen

No. 2—18 in. Blade, Blue Finish, 3 in. Solid Steel Ferrule, 20 in. White Hickory Handle, Riveted...**$13.35**

Weight Per Dozen About 48 Pounds.

One-half Dozen in a Bundle.

Bush Hooks.

Cast Steel Blade, Bronzed. Per Dozen

No. 5—**Light**, Axe Handle, Weight Per Dozen About 36 Lbs. **$14.50**

No. 15—**Heavy**, Axe Handle, Weight Per Dozen About 49 Lbs. **19.45**

One-half Dozen in a Bundle.

Grape Shears.

Japanned Handles. Per Dozen

No. 5414—6½ in. Long, Solid Steel Blade and Hook, Riveted, Blued Volute Spring.....**$5.60**

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box.

Pruning Shears.

Extra Fine Tool Steel Blades. Per Dozen

No. E5417—EVERKEEN, 9 in. Long, Full Polished Blades and Handles, Regulating Ratchet Nut on Bolt, Longitudinal Double Bronze Spring, All Parts Interchangeable, Complete with One Extra Blade.....**$17.80**

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box.

Extra Fine Tool Steel Blades. Per Dozen

No. E5418—EVERKEEN, 9 in. Long, Full Polished Blades and Handles, Bolt with Lock Nut, Longitudinal Double Bronze Spring.....**$12.25**

Weight Per Dozen About 12½ Pounds.

One-half Dozen in a Box.

Ladies' Floral, Extra Fine Tool Steel Blades. Per Dozen

No. E5419—EVERKEEN, 6 in. Long, Full Polished Blades and Handles, Bolt with Lock Nut, Blued Volute Spring **$11.15**

Weight Per Dozen About 3 Pounds.

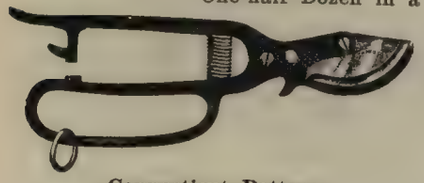
One-half Dozen in a Box.

Extra Fine Tool Steel Blades. Per Dozen

No. E5422—EVERKEEN, 9 in. Long, Full Polished Blades, Japanned Handles, Bolt with Lock Nut, Blued Volute Spring.....**$7.80**

Weight Per Dozen About 12½ Pounds.

One-half Dozen in a Box.

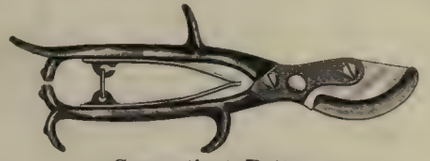


Connecticut Pattern. Per Dozen

No. 9—9 in. Long, Malleable Iron Loop Handle, Japanned Ring Clasp, Polished Steel Blades, Brass Coil Spring..... **$7.25**

Weight Per Dozen About 11 Pounds

One-half Dozen in a Box.



Connecticut Pattern. Per Dozen

No. 1—9 in. Long, Malleable Iron Handles, Polished Steel Blades, Flat Brass Springs..**$5.60**

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box.

Henry's Pattern. Per Dozen

No. 0—8 in. Long, Cast Iron Handles, Polished Steel Blades, Brass Spring **$3.90**

Weight Per Dozen About 10 Pounds

One-half Dozen in a Box.

Pruning Shears.

Henry's Pattern.

Per Dozen

No. 2—8½ in. Long Malleable Iron Handles, Polished Steel Blades, Tempered, Flat Brass Spring $7.25

Weight Per Dozen About 10 Pounds.
One-half Dozen in a Box.

Cronk's Star.

Per Dozen

No. 400—8 in. Long, Tool Steel Blades, Polished, Notched Hook, Stamped Steel Handles, Coil Wire Spring.....$8.90

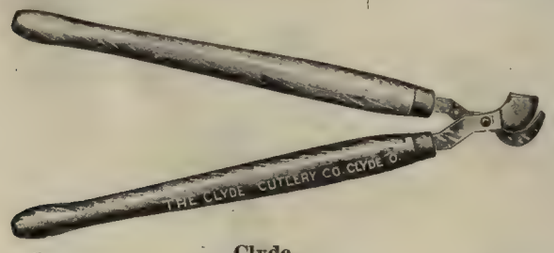
Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

Genuine Henry's.

Per Dozen

No. 750—8 in. Long, Crucible Steel Blades, Tempered and Polished, Straight Bevel, Half Polished Malleable Iron Handles, Spiral Music Wire Spring $10.00

Weight Per Dozen About 12 Pounds.
One-half Dozen in a Box.

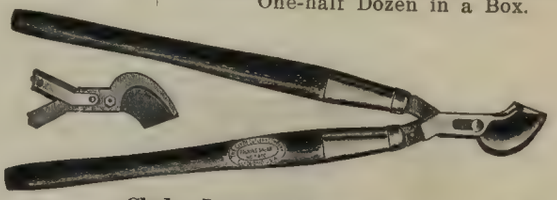


Clyde.

Per Dozen

No. 5406—Solid Steel Blade and Hook, Positive Shear Cut, 20 in. Hard Maple Handles.....$12.25

Weight Per Dozen About 45 Pounds.
One Dozen in a Wooden Box.



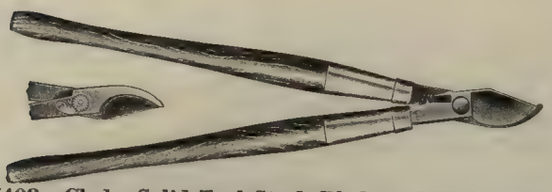
Clyde, Improved Draw Cut.

Per Dozen

No. 5400—Solid Tool Steel Blade and Hook, Lock Nut Bolt, 24 in. Shellacked Handles.....$33.35

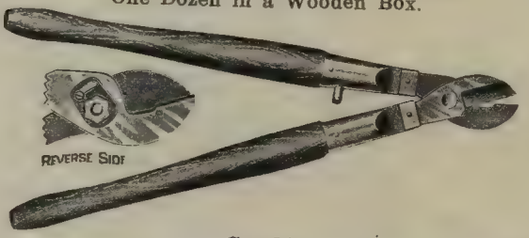
No. 5401—Solid Tool Steel Blade and Hook, Lock Nut Bolt, 22 in. Shellacked Handles..... 26.65

Weight Per Dozen About 53 Pounds.
One Dozen in a Wooden Box.



No. 5408—Clyde, Solid Tool Steel, Blade and Hook, Bolt and Ratchet Nut, 4 in. Polished Pressed Steel Ferrule and Cap, Second Growth Ash Handles, Natural Finish.

Length of Handle, Inches.....	20	24
Ap. Weight Per Dozen, Lbs....	49	52
Per Dozen	$27.75	27.75



Cronk's.

Per Dozen

No. 10—Tool Steel Blades, Notched Hook, Seamless Steel Ferrules, Securely Riveted to Blades and Handles, Patent Lock Nut, 26 in. Wood Handles $17.80

Weight Per Dozen About 31 Pounds.

Tree Pruners.

WATERS' IMPROVED

Polished Cast Steel Blade, Japanned Steel Hook, Hardwood Pole.

Nos.	4	6	8	10	12
Length, Feet	4	6	8	10	12
Ap. Wt. Dozen, Lbs.	32	38	48	52	60
Per Dozen	$10.80	12.15	13.50	13.50	14.85

One-half Dozen in a Bundle.

Per Dozen

Extra Blades—For Waters' Tree Pruners.....$1.80

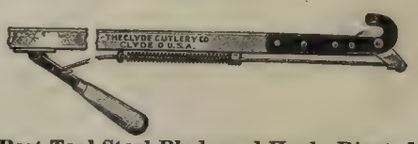
BARTLETT

Compound Lever.

No. 4—High Grade Tool Steel Cutting Head, High Grade Crucible Tool Steel Knife, Carefully Tempered, Concave Ground on Both Sides, Coppered Bessemer Steel Operating Wires, Jointed Pole.

Length, Feet	8	12	16
Ap. Wt. Per Dozen, Lbs.....	44	62	80
Each	$3.35	3.60	3.90

CLYDE



No. 5407—Best Tool Steel Blade and Hook, Riveted to Selected Basswood Pole, Patent Spring for Holding Blade Open.

Length, Feet	4	6	8	10	12
Ap. Wt. Dozen, Lbs.	31	35	42	48	64
Per Dozen	$10.80	12.15	13.50	13.50	14.85

One Dozen in a Bundle.

LEE'S TELEGRAPH

Steel Blade. Per Dozen

No. 2—Pruning Hooks Only, without Pole $20.00

Extra Blades—For No. 2 Hooks 5.40

Extra Springs—For No. 2 Hooks 4.00

Blade can be taken out to be sharpened; there is a steel coil spring for throwing out the Blade; the socket has a thread on the inside, and can thus be easily screwed to a handle of any length.

No. 2.

Fruit Pickers.

PENN

No. 6.

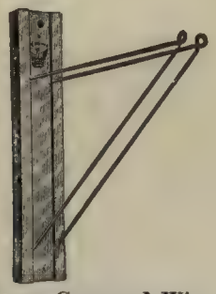
Per Dozen

No. 6—Galvanized Wire Basket, Wire Socket $5.60

For gathering apples, peaches, pears, etc.

Weight Per Dozen About 4 Pounds.

Implement Brackets.



Heavy Coppered Wire. Per Dozen

No. 1—14 in. Bracket, Strong Wood Back, Varnished, and Bored, for Nails, Screws or Hooks.....**$6.70**

Suitable for Scoops, Shovels, Spades, Forks, Hoes, Rakes, Brooms, etc.

Weight Per Dozen About 25 Pounds.
One Dozen in a Crate.

Malleable Iron, Japanned.

Per Dozen

No. 10—Fork and Shovel Bracket, Holds 8 Tools.... **$8.35**

Weight Per Dozen About 40 Pounds.
One Dozen in a Box.

Malleable Iron, Japanned. Per Dozen

No. 12—Rake Bracket, Holds 8 Rakes.....**$9.50**

Weight Per Dozen About 40 Pounds.
One Dozen in a Box.

Malleable Iron, Japanned. Per Dozen

No. 15—Hoe Bracket, Holds 8 Hoes.....**$6.70**

Weight Per Dozen About 18 Pounds.
One Dozen in a Box.

Green Bone Cutters.

MANN'S

No. 5B.

Cast Iron Frame, Automatic Feed, Fitted with 4 Heavy Tempered Crucible Steel Cutting Knives.

Each

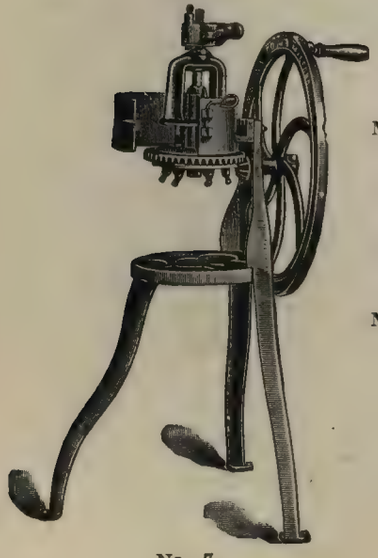
No. 5B—6 in. Diameter Cylinder, 4 in. Deep, Patented Automatic Governing Spring Feed, with Balance Wheel, to Bolt to Table.....**$16.90**

Weight Each 60 Pounds.

No. 5BM—6 in. Diameter Cylinder, 4 in. Deep, Patented Automatic Governing Spring Feed, with Balance Wheel and **Iron Stand**..... **21.00**

Weight Each 85 Pounds.

No. 5BM.



No. 7.

Cast Iron Frame and Stand, Automatic Feed, Fitted with 6 Heavy Tempered Crucible Steel Cutting Knives.

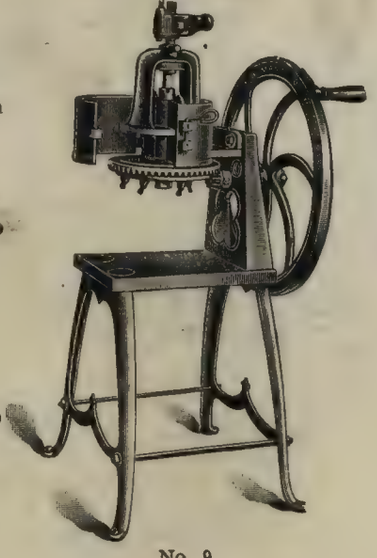
Each

No. 7—7¼ in. Diameter Cylinder, 5¼ in. Deep, Patented Automatic Governing Spring Feed, Large Open-Hinged Cylinder Giving Instant Access to all Working Parts, Gear Guard, Anti-Clog Device, Heavy Balance Wheel with Adjustable Handle, Capacity ½ to 1 Lb. Per Minute.....**$24.00**

Weight Each 107 Pounds.

No. 9—9 in. Diameter Cylinder, 6 in. Deep, Patented Automatic Governing Spring Feed, Large Open Hinged Cylinder Giving Instant Access to all Working Parts, Gear Guard, Anti-Clog Device, Heavy Balance Wheel with Adjustable Handle, Capacity ¾ to 1¾ Lbs. Per Minute..... **35.00**

Weight Each 170 Pounds.



No. 9.

Bone and Corn Mills.

ENTERPRISE

Iron Frame, Japanned.

For Grinding Dry Bones, Shells, Corn, Roots, Bark, Grain, Salt, Etc.

Each

No. 750—17¼ in. High, 12 in. Long, 8½ in. Wide, 3x2 in. Throat, 19 in. Diameter Wheel, Capacity 1¼ Bushels of Corn Per Hour.....**$14.25**

Weight Each About 60 Pounds.

Grist Mills.

Chilled Bearings.

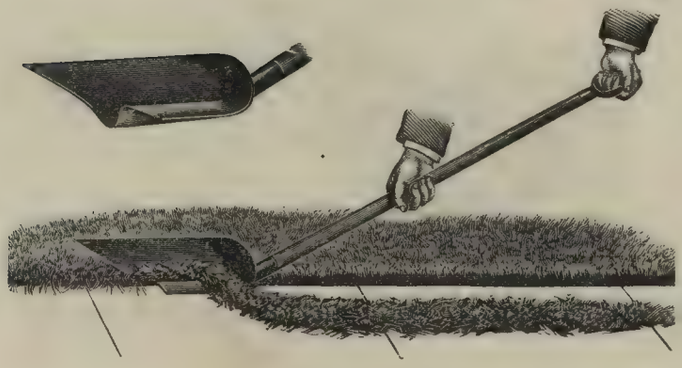
For Grinding Corn, Wheat, Rice, Peas, Beans, Coffee, Etc.

Each

No. 101—Hard Metal Grinding Burrs, Malleable Iron Handle, Ground and Tested Plates with Holes and Slots to Fasten to Table.....**$4.50**

Weight Each About 17 Pounds.

Lawn Edge Trimmers.



IMPERIAL

Blued Steel Blade.

Per Dozen

No. 136—Malleable Iron Ferrule, Malleable D Handle..**$13.35**

Weight Per Dozen About 50 Pounds.

With this tool the rough straggling overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean **U** shaped trench, delivering the cutting on the sidewalk.

Lawn Shears.

Steel Blade and Bow.

Per Dozen

No. 1360—5½ in. Blade, 12 in. Long Over All, Black Grip and Bow.....**$3.00**

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

Tempered Steel Blade and Bow.

Per Dozen

No. 460—5½ in. Blade, Black Japanned Grip and Bow, Half Polished Blade.....**$4.50**

Weight Per Dozen About 9 Pounds.
One-half Dozen in a Box.

Good Cutlery Steel Blade.

Per Dozen

No. 6—5½ in. Blade, Carefully Ground, Full Polished, Heavy Green Enameled Bows and Handles.....**$7.80**

Weight Per Dozen About 9 Pounds.
One-half Dozen in a Box.

Good Cutlery Steel Blade, Trowel Shank.

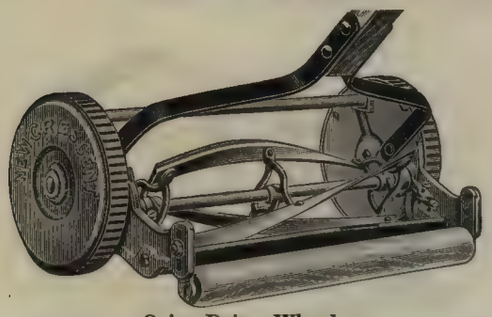
Per Dozen

No. 52—5½ in. Blade, Carefully Ground, Aluminum Finish, Black Enameled Bows and Handles....**$8.90**

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

Lawn Mowers.

NEW CRESCENT

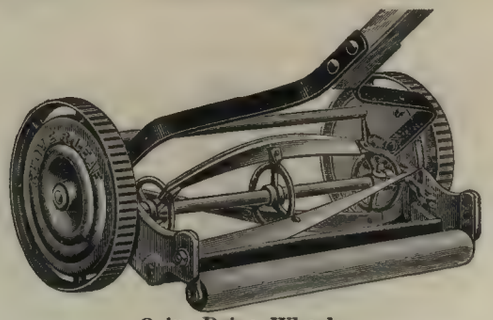


8 in. Drive Wheels.

Open Cylinder, Three Blade Steel Knives, Carefully Tempered, Steel Reel Shaft, Adjustable Brass Bushings, Wheels Painted Green with Bronze Stripe, Knives and Reel Painted Red, Handle Braces Gold Bronzed.

Width of Cut, Inches.....	12	14	16
Weight Each, Boxed, Lbs....	40	43	45
Each	$4.80	4.80	4.80

CLOVER LEAF

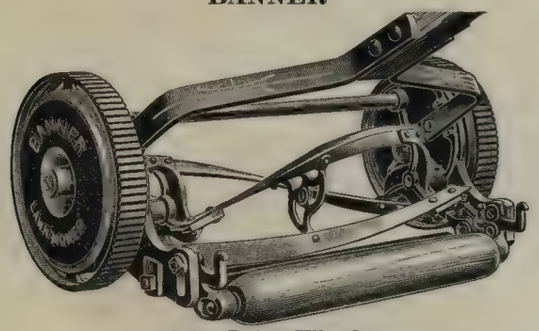


8 in. Drive Wheels.

Open Cylinder, Three High Grade Blade Steel Knives, Carefully Tempered and Spirally Formed, 5½ in. Diameter Machinery Steel Reel Shaft, Adjustable Brass Bushings, Wheels and Handle Brace Gold Bronzed, Knives and Reel Silver Bronzed.

Width of Cut, Inches.....	12	14	16
Weight Each, Boxed, Lbs....	40	43	45
Each	$4.80	5.00	5.25

BANNER



8 in. Drive Wheels.

Open Cylinder, Three Extra Quality Steel Knives, Hardened and Tempered in Oil, Self-Sharpening, Steel Reel Shaft, Wheels Painted Red, Reel Shaft and Handle Brace Painted Green with Gold Bronze Stripes, Knives and Brace Gold Bronzed.

Width of Cut, Inches.....	14	16	18
Weight Each, Boxed, Lbs....	40	43	45
Each	$5.35	5.80	6.25

CUTWELL, HIGH WHEEL

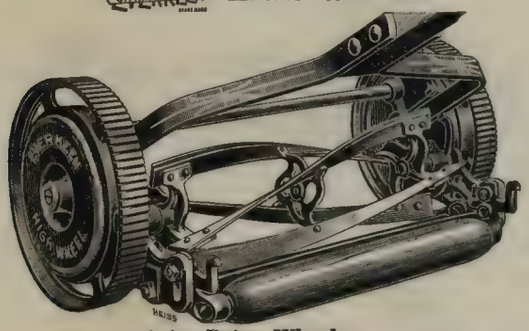
9 in. Drive Wheels.

Open Cylinder, Four Hardened Steel Knives, Hardened Steel Lock Pawls, Steel Reel Shaft, Set Screw Adjustment, Wheels Painted Red with Silver Bronzed Rim, Handle Brace Painted Red, Reel Shaft Silver Bronzed, Knives Gold Bronzed.

Width of Cut, Inches.....	14	16	18
Weight Each, Boxed, Lbs...	36	38	40
Each	$6.35	6.90	7.45

The Tension Draw-Cut principle used in this Mower completely reverses the old way of cutting grass. The grass is drawn under the Tension across the Sharp Edge of the Stationary Knife (which is the Cutting Knife) and severed most easily.

EVERGREEN HIGH WHEEL



9 in. Drive Wheels.

Open Cylinder, Four Crucible Cast Steel Knives, Hardened and Tempered in Oil, Enos Self-Sharpening Dead Knife, Steel Reel Shaft, Wheels Painted Green with Black Rim, Reel, Shaft and Handle Brace Painted Red, Knives Gold Bronzed.

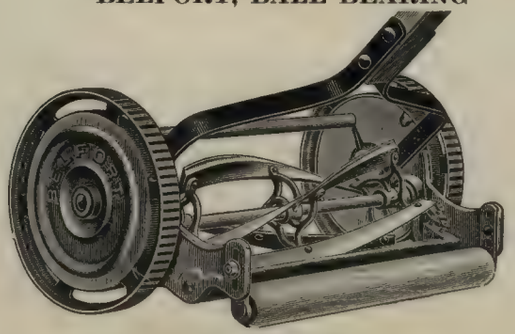
Width of Cut, Inches.....	14	16	18
Weight Each, Boxed, Lbs...	45	46	48
Each	$7.80	8.35	8.90

The EVERGREEN High Wheel Mower is so constructed that it will cut much higher grass than many other machines having larger wheels. The revolving knife, or wiper, having four blades, gives it rapid action, making a smooth, clean cut.

It is built by skilled mechanics in a simple and practical manner, making it a most serviceable machine for domestic use.

By simply adjusting the Dead Knife, it can be kept sharp for years, thus saving the yearly annoyance of having it ground, and more than saving its cost thereby.

BELFORT, BALL BEARING



8¼ in. Drive Wheels.

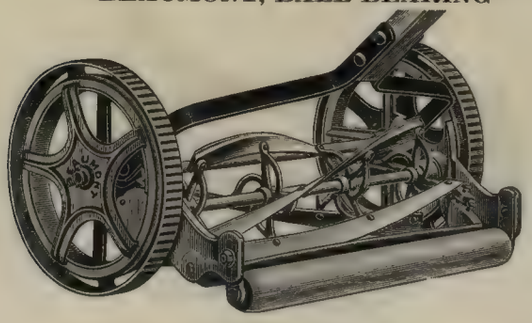
Open Cylinder, Four Best Quality Steel Knives, Highest Grade Solid Cone Steel Ball Bearing Parts, Thoroughly Hardened and Ground, Dust Proof, Wheels Painted Green, Other Parts Gold Bronzed.

Width of Cut, Inches.....	14	16	18
Ap. Weight Each, Boxed, Lbs.	43	45	47
Each	$7.95	8.20	8.55

All Above, One in a Box.

Lawn Mowers.

BEAUMONT, BALL BEARING

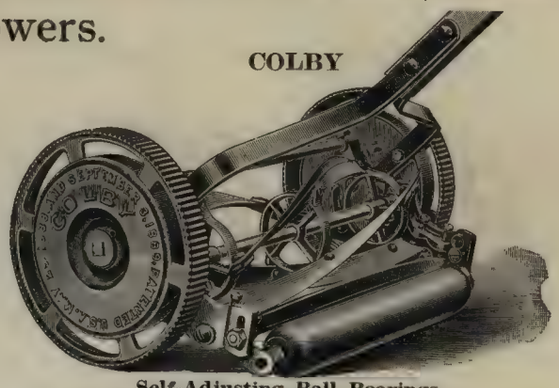


10½ in. Drive Wheels.

6 in. Open Cylinder, Four Best Quality Steel Knives, Highest Grade Solid Cone Steel Ball Bearing Parts, Thoroughly Hardened and Ground, Dust Proof, Gold Bronzed.

Width of Cut, Inches.....	**14**	**16**	**18**
Ap. Weight Each, Boxed, Lbs.	53	55	57
Each	**$9.45**	**10.25**	**10.55**

COLBY



Self-Adjusting Ball Bearings.

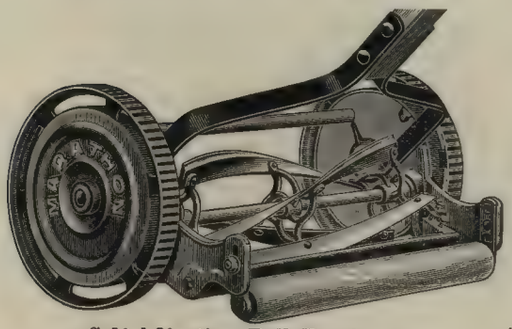
9 in. Drive Wheels, Open Cylinder, Four Best Quality Steel Knives, Self-Sharpening, Steel Reel Shaft, Gold and Silver Bronzed.

Width of Cut, Inches.....	**14**	**16**	**18**
Ap. Weight Each, Boxed, Lbs.	40	41	43
Each	**$8.90**	**9.45**	**10.00**

The Stationary Knife has lipped edge against which the revolving knives shear, making the mower self-sharpening.

The Tension Draw-Cut principle used in this Mower completely reverses the old way of cutting grass. The grass is drawn under the Tension across the sharp edge of the Stationary Knife (which is the Cutting Knife), and severed most easily.

MARATHON, BALL BEARING



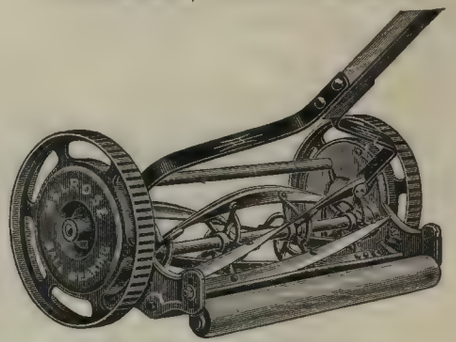
Self-Adjusting Ball Bearings.

9 in. Drive Wheels, Open Cylinder, Four Highest Grade Crucible Steel Knives, Spirally Formed and Self-Sharpening, 5½ in. Diameter Reel, Reel Bearings Automatically Adjusted, Screw-Adjusting Cutter Bar, Painted Blue and Gold Bronzed.

Width of Cut, Inches.....	**14**	**16**	**18**
Ap. Weight Each, Boxed, Lbs.	44	46	48
Each	**$8.35**	**8.90**	**9.45**

The Ball Bearing Parts of this Mower are of highest grade and the Cones of Tool Steel, tempered by a secret process and will never show the slighest wear during the life of the mower.

MELROSE, BALL BEARING



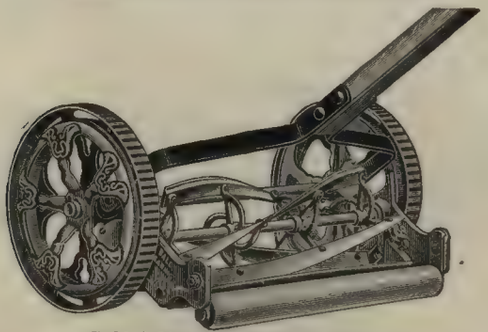
Self-Adjusting Ball Bearings.

10¼ in. Drive Wheels, Five Heavy Vanaduim Steel Knives, Oil Tempered and Ground, Self-Sharpening, 6 in. Diameter Reel, Top and Bottom Screw Cutter Bar Adjustment, Positive Ratchet, Case Hardened Double Lipped Pawls, Finished in Silver and Gold Bronze, Blue Decorations.

Width of Cut, Inches.....	**14**	**16**	**18**	**20**
Ap. Wt. Each, Boxed, Lbs..	60	62	64	67
Each	**$15.00**	**15.90**	**16.70**	**17.80**

A Mower of exceptional quality that will give the best of service under all conditions.

NEW AUTO, BALL BEARING

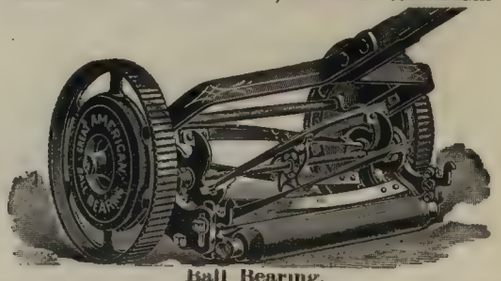


Self-Adjusting Ball Bearings.

10¼ in. Drive Wheels, Open Cylinder, Four Highest Quality Crucible Steel Knives, Oil Tempered, Self-Sharpening, 6 in. Diameter Reel, Highest Grade Solid Cone Steel Ball Bearing Parts, Hardened and Ground, Dust-proof, Gold and Silver Bronzed, Red Decorations.

Width of Cut, Inches.....	**14**	**16**	**18**
Ap. Wt. Each, Boxed, Lbs..	50	53	56
Each	**$10.80**	**11.55**	**12.45**

GREAT AMERICAN, HIGH WHEEL



Ball Bearing.

10 in. Drive Wheels, 6 in. Cylinder, Five Crucible Tool Steel Knives, Oil Hardened and Water Tempered, Double Gears, Hardened Tool Steel Cones and Cups, Self-Sharpening Crucible Steel Dead Knife, Adjustable from ½ to 1½ in., Gold and Silver Bronzed, Red and Blue Decorations.

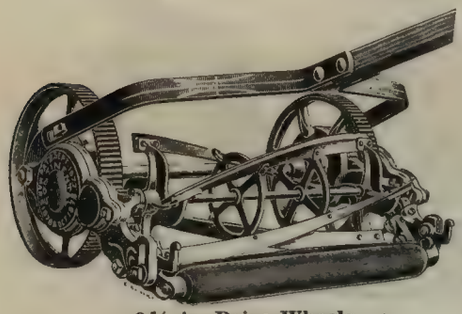
Width of Cut, Inches.....	**15**	**17**	**19**	**21**
Ap. Wt. Each, Boxed, Lbs..	65	67	71	76
Each	**$16.70**	**18.65**	**20.70**	**22.65**

The Great American has a Patent Adjustable Cone so designed as to give the Best Bearing Surface, with Minimum Friction. The Steel Balls used are of the highest grade, and will not wear by friction, as they are placed in Dust Proof Cups.

All Above, One in a Box.

Lawn Mowers.

CONTINENTAL, HIGH WHEEL



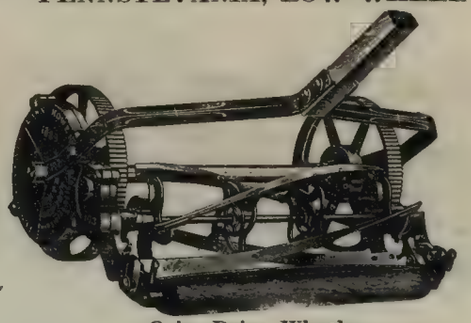
9½ in. Drive Wheels.

6½ in. Open Cylinder, Four Crucible Tool Steel Knives, Oil Hardened and Water Tempered, Triple Gears on Each Side, Flat Spring Pattern Bottom Knife, Adjustable from ½ to 1½ in., Malleable and Cast Parts Accurately Machined to Insure Noiseless Service, Finished in White with Blue, Red and Gold Decorations.

Width of Cut, Inches	15	17	19	21
Ap. Wt. Each, Boxed, Lbs.	68	72	76	82
Each	$22.25	24.90	27.60	30.20

One in a Box.

PENNSYLVANIA, LOW WHEEL



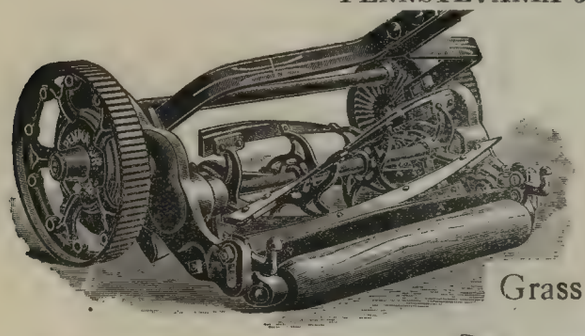
8 in. Drive Wheels.

5½ in. Open Cylinder, Four Crucible Tool Steel Knives, Oil Hardened and Water Tempered, Triple Gear, Flat Spring Pattern, Crucible Tool Steel Bottom Knife, Adjustable from ⅝ to 1½ in., Malleable and Cast Parts Accurately Machined to Insure Noiseless Service, Finished in Green and Red with Gold Bronze Decorations.

Width of Cut, Inches	14	16	18
Ap. Weight Each, Boxed, Lbs.	58	60	63
Each	$16.10	18.25	20.00

One in a Box.

PENNSYLVANIA JUNIOR, HIGH WHEEL



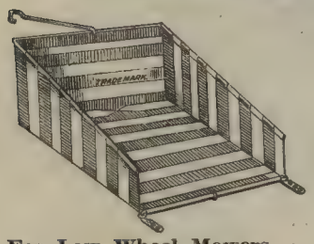
Ball Bearing.

10 in. Drive Wheels, 6 in. Open Cylinder, Five Crucible Tool Steel Knives, Oil Hardened and Water Tempered, Triple Gears on Each Side, Tempered Crucible Tool Steel Bottom Knife with Raised Edge, Adjustable from ¼ to 1⅛ in., Malleable and Cast Parts Accurately Machined to Insure Noiseless Service, Finished in Green and Red with Gold Bronze Decorations.

Width of Cut, Inches	15	17	19	21
Ap. Wt. Each, Boxed, Lbs.	71	74	77	80
Each	$25.00	28.00	31.00	34.00

One in a Box.

Grass Catchers.

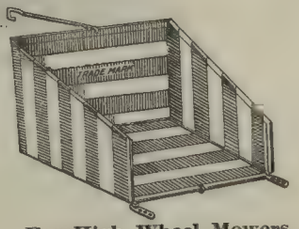


For Low Wheel Mowers.

Per Dozen

No. 1—8 in. Deep, Heavy Galvanized, Wire Frame, Duck Covered, Adjustable Steel Hooks, for 12 to 16 in. Mowers $5.60

Weight Per Dozen About 35 Pounds.

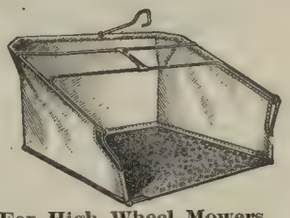


For High Wheel Mowers.

Per Dozen

No. 10—13 in. Deep, Heavy Galvanized Wire Frame, Duck Covered, Adjustable Steel Hooks, for 12 to 16 in. Mowers, Weight Per Dozen About 40 Lbs. $8.35

No. 20—16 in. Deep, for 16 to 20 in. Mowers, Otherwise Same as No. 10, Weight Per Dozen About 45 Lbs. 8.90

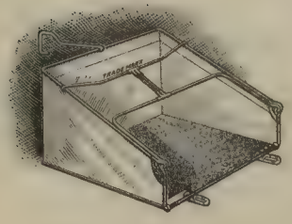


For High Wheel Mowers.

Per Dozen

No. 400—13 in. Deep, Extra Heavy Galvanized Top Frame, Rigid Handle or Carrying Device, Heavy Galvanized Bottom, Extra Heavy White Duck Covered, Adjustable Hooks, for Mowers 16 to 20 in. $14.45

Weight Per Dozen About 48 Pounds.



Nos. 1000 and 2000.

Heavy Galvanized Wire Top Frame, Heavy Galvanized Iron Bottom, Duck Covered, Rigid Handle or Carrying Device, Adjustable Steel Hooks.

Per Dozen

No. 1000—13 in. Deep, for 12 to 16 in. Mowers ..... $ 9.45

No. 2000—13 in. Deep, for 16 to 20 in. Mowers 10.55

Weight Per Dozen About 47 Pounds.

Steel Wire Frame, Galvanized Steel Bottom, Heavy Duck Sides.

Per Dozen

No. 5G—18 in. Wide, for 12 to 18 in. Mowers $18.90

No. 6G—22 in. Wide, for 18 to 22 in Mowers 23.35

Weight Per Dozen About 50 Pounds.

"EASY EMPTYING"

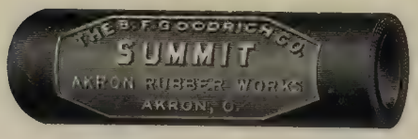
Nos. 5G and 6G. Per Pound

Emery.

Emery—For Sharpening Lawn Mowers, in Bulk $0.16

Garden Hose.

RUBBER



Per Foot

No. 1—Summit, ¾ in., 5 Ply Black Rubber **$0.18**

No. 01—Deluge, ½ in., 3 Ply Black Rubber ..... .20

Per Foot

No. 2—Tidal, ¾ in., 4 Ply Black Rubber **$0.20**

Per Foot

No. 3—Whirlpool, ¾ in., 5 Ply Black Rubber **$0.24**

In 50 Foot Lengths, Coupled.

Per Foot

No. 4—Cascade, ¾ in., 3 Ply, Heavy Rubber, White Covered **$0.31**

Per Foot

No. 5—Falcon, ¾ in., 3 Ply, Heavy Rubber, Red Covered. **$0.23**

Per Foot

No. 30—Summit, ¾ in., 5 Ply, Black Rubber, Wire Wound. **$0.21**

In 50 Foot Lengths, Coupled.

Average Weight Per Lengtn of 50 Feet About 16 Pounds.

Garden Hose.

COTTON

Per Foot

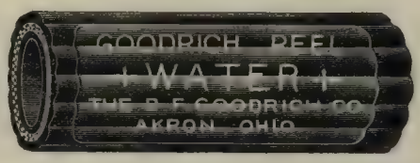
No. 10—Meteor, ¾ in., Rubber Lined, White Cotton Covered **$0.24**

No. 12—Rival, ¾ in., Rubber Lined, White Cotton Covered ..... .20

In 50 Foot Lengths, Coupled.

Reel Hose.

RUBBER



Per Foot

No. 15—Goodrich Ribbed, ¾ in., 2 Braid, without Couplings. **$0.30**

500 Feet on a Reel

Sill Cock Keys.

Per Dozen

Sill Cock Keys Only—Cast Brass, Nickel Plated **$2.25**

For turning Water on and off when sprinkling Lawns or Gardens.

Weight Per Dozen About 2 Pounds.

Hose Reels.

Nos. 1 and 2.

Bolted Hardwood Frame.

Per Dozen

No. 1—Round Top, Holds 100 ft. of ¾ in. Hose, Weight Per Dozen About 115 Lbs. **$12.25**

No. 2—Round Top, Holds 150 ft. of ¾ in. Hose, Weight Per Dozen About 145 Lbs. **13.90**

All Metal, Strong Tubular Steel Frame, Green Enameled, Cast Iron Wheels.

Each

No. 20—9 in. Diameter, Heavy Sheet Steel Drum, with Crank, Solid Steel Arms, 7 in. Diameter Wheels, Arms and Wheels Enameled Black, Holds 100 ft. of ¾ in. Hose..... **$3.00**

Weight Per Dozen About 180 Pounds.

No. 20.

Hose Couplings.

SHERMAN'S

Wrought Brass, Deep Corrugations, Double Knurled Flanges on Nut, Large Waterway, No Soldered Joints.

Nos.	8	7
Inches	½	¾
Ap. Weight Per Dozen, Lbs.	7	9
Per Dozen	**$2.25**	**2.25**

Open Stock.

PERFECT CLINCHING

Heavy Wrought Brass, Self-Fastening, Self-Adjusting to Any Thickness of Hose, Smooth Joint.

Nos.	21	20
Inches	½	¾
Ap. Weight Per Dozen, Lbs.	6½	8¼
Per Dozen	**$3.35**	**3.35**

One Dozen in a Display Box.

Hose Menders.

Hardwood.

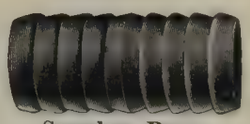
Per Gross

No. 5—For ¾ in. Hose.....$1.35

Weight Per Gross About 2½ Pounds.

One Gross in a Box.

SHERMAN'S



Seamless Brass.

Deep Corrugations, Will Not Rust or Collapse.

Nos.	12	14
Inches	½	¾
Ap. Wt. Dozen, Lbs.	4	5
Per Dozen	$0.56	.56

Open Stock.

PERFECT CLINCHING

Seamless Brass Tube.

Plated Steel Clamp, Perfect Joint.

Nos.	16	15
Inches	½	¾
Ap. Wt. Doz., Lbs.	5½	7½
Per Dozen	$1.45	1.45

Two Dozen in Display Box.

Hose and Pipe Menders.

Stulp's.

Per Dozen

No. 75—¾ in. Galvanized Iron, for ¾ in. Hose or Pipe.$0.90

Weight Per Dozen About 1 Pound.

Three Dozen in a Box.

Hose Washers.

Rubber.

Per Pound

No. 16—For ¾ in. Hose.....$0.80

One Pound in a Box.

Hose Clamps.

SHERMAN'S, Polished Brass, with Bolt.

Nos.	3	13	23
For Hose, Inches.	½	¾	1
Ap. Wt. Doz., Lbs.	½	¾	1½
Per Dozen	$0.67	.67	1.70

Open Stock.

Hose Bands.

Caldwell's.

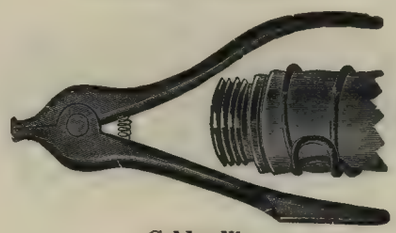
Per Dozen

No. 6—4⅛ in. Long, Welded Soft Brass Wire, for ¾ in. Hose $0.18

Weight Per Dozen About 1 Pound.

Six Dozen in a Box.

Hose Pliers.



Caldwell's.

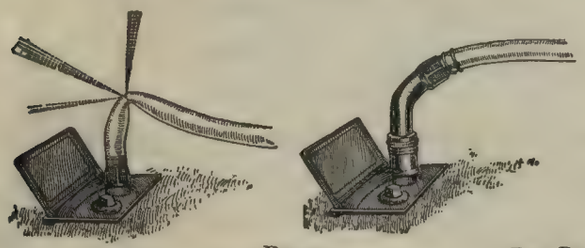
Per Dozen

No. 18—Malleable Iron, for ½ to ¾ in. Hose.....$2.50

Weight Per Dozen About 7 Pounds.

Open Stock.

Goose Neck Connections.



Brass.

Per Dozen

No. 10—For ¾ in. Hose.....$8.90

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Hose Holders.

ATWATER

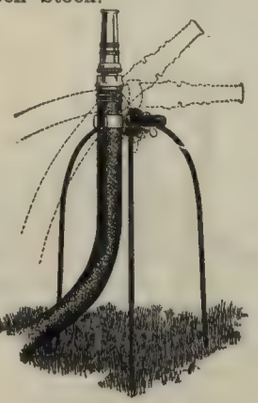
Adjustable Holding Clip.

Per Dozen

No. 20—Combination Hose Holder and Spray Stand, 14 in. Steel Wire Tripod Frame $6.35

Weight Per Dozen About 9 Pounds.

One Dozen in a Box.



No. 20.

Hose Nozzles.

Universal.

Per Dozen

No. 50—Polished Brass, Spray and Solid Stream for ¾ in. Hose $5.40

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Polished Brass.

Per Dozen

No. 60—Spray and Solid Stream, for ¾ in. Hose.....$6.70

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box.

Polished Brass.

Per Dozen

No. 70—With Cock, Spray and Solid Stream, for ¾ in. Hose.$7.80

Weight Per Dozen About 5½ Pounds.

One Dozen in a Box.

Lawn Sprinklers.

ANACONDA

Brass Head and Arms.

Per Dozen

No. 30—12 in. High, for ¾ in. Hose, Revolving Heavy Cast Iron Base..**$23.35**

Weight Per Dozen About 33 Pounds.

One-twelfth Dozen in a Box.

RING

Heavy Sheet Brass. Per Dozen

No. 25—Polished, for ¾ in. Hose.....**$10.00**

Easily moved over the lawn without turning off of water.

Weight Per Dozen About 8 Pounds.

One-twelfth Dozen in a Box.

BABY FOUNTAIN

Polished Brass.

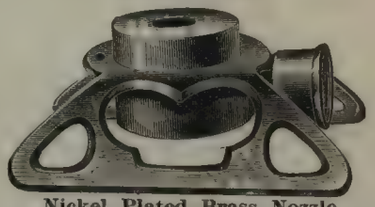
Per Dozen

No. 35—5¼ in. Diameter, for ¾ in. Hose.....**$7.80**

Weight Per Dozen About 6 Pounds.

One-twelfth Dozen in a Box.

EVANSTON



Nickel Plated Brass Nozzle. Per Dozen

No. 4—Black Enameled Stand, for ¾ in. Hose.....**$9.40**

No revolving parts to wear out, and will not clog with sand or dirt.

Weight Per Dozen About 30 Pounds.

One-twelfth Dozen in a Box.

STEARNS' REVERSIBLE

Japanned Iron Base.

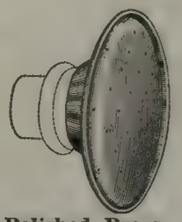
Per Dozen

No. 12—Nickel Plated Non-Rusting Cap, Adjustable for Any Pressure of Water, for ¾ in. Hose.....**$11.15**

Weight Per Dozen About 28 Pounds.

One-twelfth Dozen in a Box.

FOUNTAIN SHOWER



Polished Brass.

Per Dozen

No. 18—2¾ in. Diameter, Used as a Nozzle, has Mistlike Spray **$2.70**

Weight Per Dozen About 4 Pounds.

One Dozen in a Display Carton.

PERFECT SPRAY

Malleable Iron.

Per Dozen

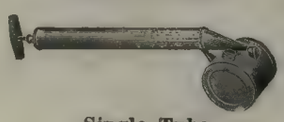
No. 40—Brass Nut, Non-Rusting Cap, Throws 20 ft. Spray, for ¾ in. Hose.....**$4 00**

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

Plant Sprayers.

FAULTLESS



Single Tube. Per Dozen

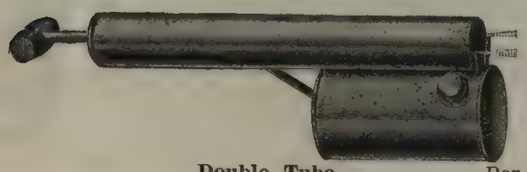
No. 10—18x1¾ in. Air Chamber, All Tin, Spring Steel Wire Piston Rod, Cup Leather Plunger, Capacity 1 Quart **$5.80**

The tapering tube also allows the air chamber to be fastened to the tank in the most substantial manner. The tube of air chamber is soldered to top of reservoir and also supported by a broad strap of metal passing over point of tube.

Weight Per Dozen About 14 Pounds.

One Dozen in a Box.

PERFECTION



Double Tube. Per Dozen

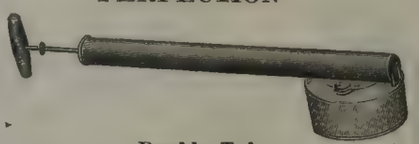
No. 5—20 in. Long, 1¾x15 in. Air Cylinder, All Brass, Thoroughly Soldered, Zinc Can Screw, Heavy Plunger Rod and Cup Leather, Capacity 1½ Pints **$11.70**

No. 6—Charcoal Tin Plate, Otherwise Same as No. 5.. **7.25**

Weight Per Dozen About 15 Pounds.

One Dozen in a Box.

PERFECTION



Double Tube. Per Dozen

No. 2—18x1½ in. Air Chamber, Heavy Galvanized Iron Reservoir, Tin Cylinder, Steel Wire Piston Rod, Patent Spring Expander on Plunger Leather, Capacity 1 Quart.....**$7.25**

Throws a fine mist-like spray over a radius of about 2½ ft. May be used for all Insecticides and Fly Oils.

Weight Per Dozen About 15 Pounds. One Dozen in a Box.

U. T. K.

Continuous Spray. Per Dozen

No. 4—1½x18 in. Air Chamber, Tin Cylinder, Galvanized Iron Reservoir, Adjustable Brass Nozzle, Capacity 1 Quart.....**$14.50**

The U. T. K. Compressed Air Sprayer throws a continuous fine mist or coarse spray, which is accomplished by turning the little brass nozzle backward or forward. Adapted for all kinds of spraying purposes.

Weight Per Dozen About 14 Pounds. One Dozen in a Box.

Plant Sprayers.

LIGHTNING

Double Brass Tubes.

Per Dozen

No. 15—1½x19 in. Air Chamber, Heavy Tin, Bright Red Enameled, Detachable Glass Reservoir with Agitator, Zinc Jar Top and Can Screw, Heavy Steel Plunger Rod, Leather Plungers, Capacity 1 Quart $12.25

Has a perfectly Dry Pump, when plunger is drawn back, no solution is sucked back into the pump cylinder.

Weight Per Dozen About 28 Pounds.
One Dozen in a Box.

LOWELL

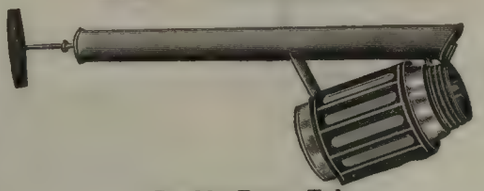
Galvanized Iron.

Per Dozen

No. 35—2x20 in. Air Chamber, Galvanized Iron, Bright Red Decorations, 6½x6½ in. Reservoir with Brass Automatic Shut-Off Nozzle, Heavy Steel Plunger Rod, Leather Plungers, Capacity 1 Gallon $40.00

Weight Per Dozen About 35 Pounds.
One Dozen in a Box.

"EASY" COMPRESSED AIR



Double Brass Tubes.

Per Dozen

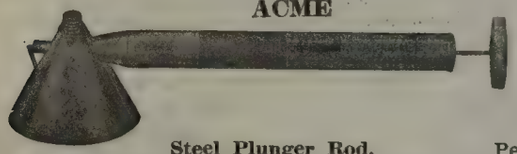
No. 20—1½x18 in. Air Chamber, Heavy Tin, Nicely Finished, Encased Detachable Glass Reservoir, Heavy Zinc Funnel Shaped Screw Cap, Heavy Steel Plunger Rod, Patented Spring Plunger Leather Expander, Capacity 1 Quart $12.25

A broken reservoir may be replaced with an ordinary Mason Fruit Jar.

Weight Per Dozen About 30 Pounds.
One Dozen in a Box.

Atomizers.

ACME



Steel Plunger Rod.

Per Dozen

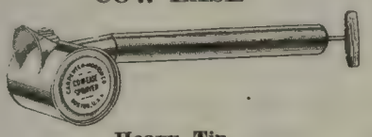
No. 8—2x19 in. Heavy Tin Cylinder and Tank, Capacity 1½ Pints.....$ 7.25
No. 16—2x19 in. Tin Cylinder, Galvanized Tank, Capacity 1½ Pints..... 8.35
No. 24—2x19 in. Brass Cylinder and Tank, Capacity 1½ Pints..... 17.80

For spraying paris green and other insecticides, on potato vines, small trees, house plants, live stock, etc.

Weight Per Dozen About 10 Pounds.
One Dozen in a Box.

Plant Sprayers.

COW EASE



Heavy Tin.

Per Dozen

No. 60—1¾x18 in. Air Chamber, 4¼x5 in. Reservoir, Zinc Can Screw, Heavy Steel Plunger Rod, Leather Plunger, Capacity 3 Pints.....$8.00

Weight Per Dozen About 20 Pounds.
One Dozen in a Box.

Force Pumps.

DAISY

Lacquered Tin.

Per Dozen

Daisy—32 in. Long Over All, 2x12 in. Air Chamber, Japanned Iron Plunger Rod, Hardwood Plunger $17.80

A very effective pump for general use in garden and greenhouse. For showering flower beds, gardens, lawns washing windows, carriages and various other uses.

Weight Per Dozen About 24 Pounds.
One Dozen in a Box.

Plant Sprayers.

PERFECTION

Compressed Air Sprayer.

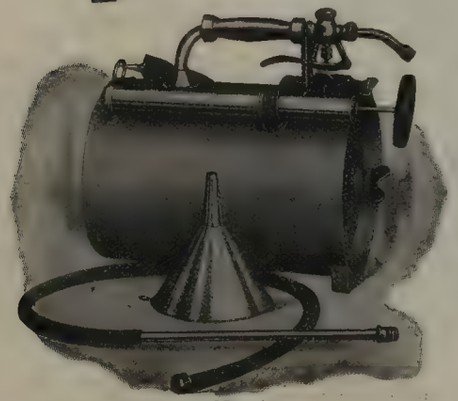
Each

Perfection—Tank 20 in. High, 7½ in. Diameter, Galvanized Steel, Lock Seamed and Riveted, Hose Attached with Clamps, with Automatic Shut-Off Nozzle, for Spraying, Disinfecting or Whitewashing, on Plants, Bushes, Vines, Etc. $8.00

Weight Each About 16 Pounds.
One in a Box.

Plant Sprayers.

FOUNTAIN



No. 1.

Compressed Air Sprayer.

Each

No. 1—Galvanized Steel Tank, Aluminum Brass Working Parts, with Tree Attachment Consisting of ⅜ in. Red C-1 Rubber Tubing with Brass Spraying Nozzle 1 ft. Long, Spray Crook Nozzle 3 in. Long for Potato Spraying, Funnel with Brass Wire Strainer Cloth for Filling, and Adjustable Shoulder Strap for Carrying, Capacity 3 Gallons.....$8.15

The Tank of this Sprayer is made of No. 20 Galvanized Iron, and all working parts are made of Brass. It will stand 50 lbs. Pressure. To operate take the Sprayer by the handle and do your spraying as fast as you can walk across the field. The amount of spray can be governed by pressing the thumb valve with a quick or slow motion.

Weight Each About 11 Pounds.
One in a Box.

Nos. 1D to 3D.

AUTO-SPRAY

Compressed Air Sprayer.

Each

No. 1D—2 ft. High, 7 in. Diameter, Galvanized Steel Tank with Auto-Pop Automatic Valves, Capacity 4 Gallons.....$ 7.80
No. 7C—With Stop Cock, Otherwise Same as No. 1D..... 7.50
No. 3D—Brass Tank, Otherwise Same as No. 1D..... 11.70

The "Auto-Pop" doubles the efficiency of any compressed air Sprayer because the operator absolutely controls the spray by working a lever which opens and closes the nozzle and at the same time cleans it.

Weight Each About 15 Pounds. One in a Box.

Spray Pumps.

No. 325.

Nos. 327½ and 327

No. 324.

No. 305B.

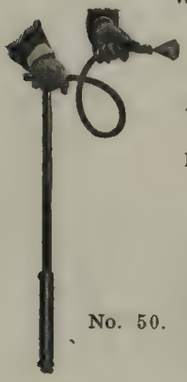
All Brass, Large Air Chamber, Brass Ball Valves, Patent Agitator, Detachable Hose. Each

No. 325—With Agitator, Complete with Hose and Graduating Fine, Coarse Spray and Solid Stream Nozzle, **Malleable Iron Foot Rest**..**$5.60**

No. 327½—**Little Giant**, with Agitator, Complete with Hose and Combination Fine, Coarse Spray and Solid Stream Nozzle, **Malleable Iron Foot Rest** **4.50**

No. 337—**Without Foot Rest**, Otherwise Same as No. 327½ **4.50**

Weight Each About 8 Pounds.



No. 50.

Spray Pumps.

All Brass, Threaded and Screwed Together.

Each

No. 50—Automatic Agitator, Complete with Hose and Graduating Combination Fine, Coarse Spray and Solid Stream Nozzle, Brass Spring Raises Plunger, Stands Firmly Wherever Placed **$5.00**

Weight Each About 4 Pounds.

Lever Bucket, All Brass, Brass Ball Valves, Patent Agitator. Each

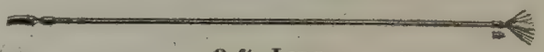
No. 324—1¼ in. Diameter Cylinder, Complete with Hose and Graduating Combination Fine, Coarse Spray and Solid Stream Nozzle, Malleable Iron Lever Handle and Detachable Foot Rest.**$6.70**

Lever Barrel, All Brass, Bronze Ball Valves and Brass Seats. Each

No. 305B—30 in. Long, Air Chamber, Brass Plunger, Complete with 15 ft. of ½ in. 5 Ply Discharge Hose, Graduating Combination Fine, Coarse Spray and Solid Stream Nozzle, Both Jet and Mechanical Agitators, Pump Sets into Barrel Containing Liquid and is Bolted Fast to the Barrel Staves **$14.50**

Weight Each About 10 Pounds.

Pipe Extensions.



8 ft. Long.

Each

No. 480—For Nos. 324, 325, 327, 327½ and 305B Spray Pumps **$0.70**

Weight Each About 3 Pounds.

Nozzles.

Brass.

Vermorel.

Each

Vermorel Spray Nozzle—Graduating, Will Throw a Fine Mist up to a Solid Spray or can be Shut Off Entirely by Adjusting the Screw Plunger by Means of a Thumb Nut, Fitted for ¼ in. Pipe, Will Fit Nos. 325, 327, 327½, 305B and 324 Spray Pumps.....**$1.15**

Imperial

Imperial Spray Nozzle—Will Throw a Mist Like Spray, Can be Cleaned by Simply Removing the Cap, Fitted for ¼ in. Pipe, Will Fit Nos. 325, 327, 327½, 305B and 324 Spray Pumps.....**$0.56**

One in a Box.

Brass.

Myers'.

Each

Myers' Sprinkling Nozzle—Will Throw a Fine Spray, Fitted for ¼ in. Pipe, Will Fit Nos. 325, 327, 327½, 305B and 324 Spray Pumps.....**$0.56**

Bordeaux.

Bordeaux Spray Nozzle—For White Washing, Fitted for ¼ in. Pipe, Will Fit Nos. 325, 327, 327½, 305B and 324 Spray Pumps.....**$1.15**

The Bordeaux Nozzle will throw a Fan Shape Spray or Solid Stream. Will readily free itself should it become clogged by turning the cock handle.

Belgium Ointment.

Hadfield's.

For Sores or Wounds of Any Kind. Takes Soreness Away from Wound with the First Application.

Per Dozen

2 Oz. Tin Cans..**$4.50**

6 Oz. Tin Cans.. **8.90**

One Dozen in a Box.

Cow Ease.

A Liquid Preparation Preventing Fly Pest on Cattle and Horses.

Per Dozen

In Gallon Cans, Weight Per Dozen About 123 Lbs. **$17.80**

One Dozen in a Case.

In ½ Gallon Cans, Weight Per Dozen About 66 Lbs. **$10.70**

In 1 Quart Cans, Weight Per Dozen About 35 Lbs. **$6.40**

Two Dozen in a Case.

Fly Killer Oil.

Per Doz. Cans

Standard—Fly Killer Oil, a Liquid Preparation, Perfectly Harmless, Designed to Keep Flies from Stock, in 1 Gallon Cans..**$13.35**

This Liquid Preparation protects Cows and Horses from torture of Flies. A thorough Disinfectant and Germicide.

Weight Per Dozen About 130 Pounds.

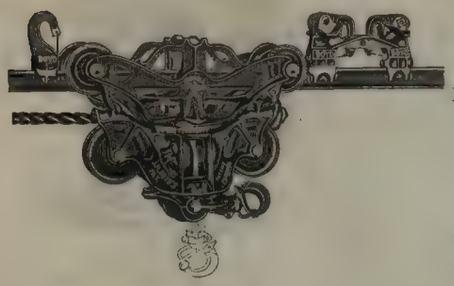
One Dozen Cans in a Case

Paris Green.

	Per Pound
In Quarter Pound Paper Boxes	**$0.45**
In Half Pound Paper Boxes	**.43**
In One Pound Paper Boxes	**.41**
In Two Pound Paper Boxes	**.39**
In Five Pound Paper Boxes	**.39**

Hay Carriers.

A complete outfit for a 50 ft. Barn consists of 1 Hay Carrier, 48 ft. of Track, 25 Rafter Brackets, 25 Hanging Hooks, 6 Floor Hooks, 1 Fork, 5 Knot Passing Pulleys, 130 ft. ¾ in. Manila Rope, 55 ft. ⅝ in. Manila Check Rope.
For Barns longer or shorter than above, more or less Track, Brackets, Hooks and Rope are needed.



No. 9.

OPEN THROAT

Double Swivel, for Single Rail Solid Steel Track.

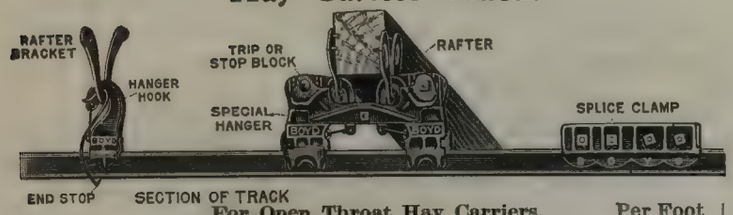
Each

No. 9—Malleable Iron Frame, Aluminum Finish, Wide Flare of Throat Measuring 6 in. Inside, Double Acting Positive Forced Lock, Jointed Fork Pulley, Well Braced and Neat in Design, Patent Anti-Friction Steel Roller Bearings.....$7.00

This Carrier has a wider flare of the throat than any other. The Jointed Fork Pulley allows the Fork Hook to swing up to within 6 inches of the Track. Fork Pulley has round top permitting it to enter the Carrier at any angle.

Weight Each About 35 Pounds.

Hay Carrier Track.



For Open Throat Hay Carriers. Per Foot

No. 550—Single Rail Solid Steel Track, Complete with Splice Clamps and Bolts.....$0.20

Weight Per Foot About 2 Pounds.

Hanging Hooks.

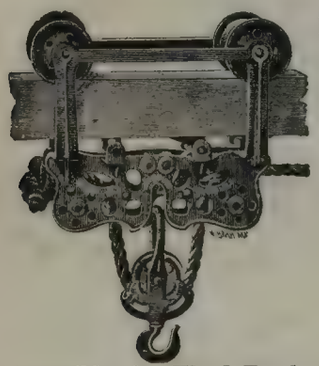
Malleable Iron. Per Dozen

No. 77—Clamped to Upper Bead of Rail by Key or Wedge, for No. 550 Solid Steel Track.....$1.50

Weight Per Dozen About 6 Pounds.

Hay Carriers.

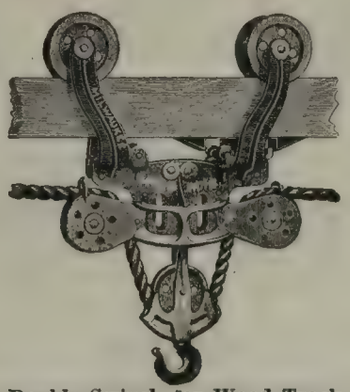
MILWAUKEE IMPROVED



Reversible, for Wood Track. Each

No. 10—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 28 Pounds.

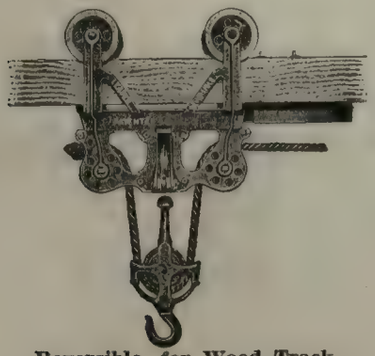


Double Swivel, for Wood Track. Each

No. 15—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 30 Pounds.

LEADER.



Reversible, for Wood Track. Each

No. 20—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 28 Pounds.

Double Swivel, for Wood Track. Each

No. 25—Best Malleable Iron, Positive Two-Piece Lock, Runs on 4x4 in. Wood Track.....$6.15

Weight Each About 33 Pounds.

Hay Carriers.

LEADER

Reversible, for Steel Track.

Each

No. 30—Best Malleable Iron, Positive Two Piece Lock, for Steel Track **$6.15**

Weight Each About 25 Pounds.

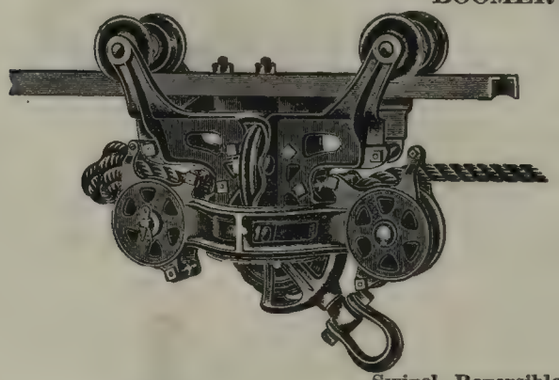
Double Swivel, for Steel Track.

Each

No. 35—Best Malleable Iron, Positive Two Piece Lock, for Steel Track **$6.15**

Weight Each About 30 Pounds.

BOOMER DOUBLE SWIVEL



Swivel Reversible, for Angular Steel Track.

Each

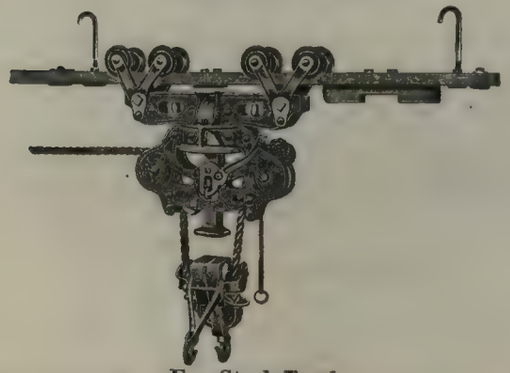
No. 38—High Grade Malleable Iron, Large Mouth Pattern, Simple and Positive Locking Device, Swivel Clevis and Swinging Yoke **$6.15**

Our Boomer Hay Carriers illustrated herewith are the latest and are made of high grade malleable iron. They are of the large mouth pattern, the fork pulley having the swivel clevis and swinging yoke which allows the malleable iron link to pass well up into the car where it is grasped by the dogs and firmly held. These features do away with any friction, or twisting strain on any part of the carrier and allow the operator to fill the barn to the highest point possible. The sheaves being large will carry any size rope up to one inch.

Weight Each Complete, 30 Pounds.

Hay Carriers.

SWIVEL SLING



For Steel Track.

Each

No. 45—Best Malleable Iron, Runs on Steel Track.... **$12.00**

Draws Hay or Grain up direct as the load stands with no twist in the rope. When one side of barn is filled all that is necessary is to take the pulley from the hook and carry pulley and rope to hook on opposite side of barn. Load can be raised to any desired point and tripped.

Weight Each About 64 Pounds.

Hay Carrier Track.

Angular Steel Track.

Per Foot

No. 12—For Leader, Boomer and Sling Hay Carriers, Complete with Couplings and Bolts..... **$0.18**

Weight Per Foot About 2 Pounds.

Hanging Hooks.

DOUBLE NUT

Wrought Iron.

	Per Dozen
No. 012—Track Hanging Hooks, with Plate and Double Nuts, for No. 12 Steel Track	$1.50

Weight Per Dozen About 11½ Pounds.

WOOD TRACK

Wrought Iron.

Nos.	14	16	18
Size, Inches	½x14	½x16	½x18
Ap. Wt. Doz., Lbs.	11	12	14
Per Dozen	$1.15	1.25	1.35

Measurement given is from end to center of bend.

Rope Hitches.

Malleable Iron.

	Per Dozen
No. 9—Japanned, with Swivel Hook	$2.80

Weight Per Dozen About 18 Pounds.

Floor Hooks.

Wrought Steel.

Nos.	1	2
Diam., Inches	⅝	¾
Ap. Wt. Doz., Lbs.	9	14
Per Dozen	$1.35	1.55

Rafter Brackets.

Malleable Iron.

	Per Dozen
No. 7—For Hanging Wood Track	$0.55

Weight Per Dozen About 3 Pounds.

Rafter Grapples.

Cast Steel.

	Per Dozen
No. 8—Heavy Chain	$10.60

Weight Per Dozen About 40 Pounds.

Sling Pulleys.

Malleable Iron, Self-Locking.

	Each
No. 65—Right Angle, Japanned, for Leader Hay Carriers	$2.80

By using this Pulley the load is drawn up direct as the load stands with no twist in the rope. It is recommended where there are any right angles or cross draft loads to be elevated.

Weight Each About 13 Pounds.

Stop Blocks.

	Each
No. 1—For Milwaukee Wood Track Carrier	$0.45
No. 2—For Leader Wood Track Carrier	.70
No. 3—For Leader Steel Track Carrier	.90

Weight Each About 1½ Pounds.

Fork Pulleys.

Trip Fork Pulley.

	Each
No. 5—For Leader Wood and Steel Track Carriers	$1.15

Weight Each About 3½ Pounds.

Snatch Pulley Blocks.

MILWAUKEE

Iron Wheel.

	Per Dozen
No. 35—Malleable Iron Frame	$10.00

Weight Per Dozen About 65 Pounds.

The Milwaukee Snatch Pulley Block is a pulley that every farmer should have if he has a Hay Fork and Hay Carrier. This device shortens the travel of the horse without reducing the elevating power. Tie a knot in the rope and put washer in front of the knot so that when the hay is going up the horse has a direct pull; but when the carrier is unlocked and the hay begins to move along the track, the rope doubles around the snatch pulley attached to the whiffletree; you will see that the horse travels only one-half the distance the hay is carried, a great saving; also the rope can be thrown off the snatch pulley and **fork be instantly returned to the load** without waiting for the return of the horse.

Hay Fork Pulleys.

5 in. Iron Wheel.

Per Dozen

No. 10—Malleable Iron Frame, Japanned, Loose Pin, Spring Key **$4.25**

Weight Per Dozen About 42 Pounds.

5½ in. Maple Wheel.

Per Dozen

No. 20—Malleable Iron Frame, Japanned, Large Hollow Loose Pin, Self-Oiling Swivel Eye **$3.90**

Weight Per Dozen About 33 Pounds.

5 in. Mapple Wheel.

Per Dozen

No. 45—Maple Wood Frame, Wrought Iron Yoke, Malleable Iron Swivel Eye, Self-Oiling **$4.50**

Weight Per Dozen About 34 Pounds.

4¼x1½ in. Iron Wheel, Self-Oiling.

Per Dozen

No. 50—Steel Shell, Open Hearth Steel Siwvel Eye, Japanned **$6.10**

Weight Per Dozen About 39 Pounds.

7 in. Steel Wheel, Roller Bushed.

Per Dozen

No. 347—Pressed Steel Shell, Swivel Hook, Japanned.. **$15.00**

Weight Per Dozen About 43 Pounds.

ANTI-FRICTION

Anti-Friction, 5 in. Iron Wheel.

Per Dozen

No. 1—Malleable Iron Shell, Steel Roller Bushings, Turned Steel Pin, Swivel Eye, Japanned **$13.35**

Weight Per Dozen About 73 Pounds.

KNOT-PASSING

6 in. Maple Wheel, Turned Bushing.

Per Dozen

No. 30—Knot Passing, Solid Steel Frame, Japanned, Swivel Eye **$5.00**

Weight Per Dozen About 33 Pounds.

5½ in. Maple Wheel.

Per Dozen

No. 25—Knot Passing, Self-Oiling, Malleable Iron Frame, Japanned, Swivel Eye..... **$5.00**

Weight Per Dozen About 52 Pounds.

O. K.

6 in. Hard Maple Wheel.

Per Dozen

No. OK3—Malleable Iron Frame, Made with Flange on Inside to Prevent Cutting of Rope, Large Hollow Loose Pin, Swivel Eye..... **$5.00**

Weight Per Dozen About 40 Pounds.

Knot Passing, 6 in. Hard Maple Wheel.

Per Dozen

No. OK5—Malleable Iron Frame, Made with Flange on Inside to Prevent Cutting of Rope, Large Hollow Loose Pin, Swivel Eye..... **$5.90**

Weight Per Dozen About 50 Pounds.

Harpoon Hay Forks.

MILWAUKEE DOUBLE

Open.

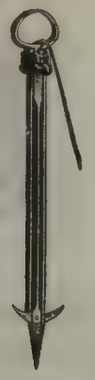
Closed.

Japanned.

	Each
No. 1—24 in. Long from Bar to Point of Tines, 17 in. Wide, Weight Each About 18 Lbs.....	**$1.60**
No. 1½—31 in. Long from Bar to Point of Tines, 17 in. Wide, Weight Each About 19 Lbs.....	**1.90**

MILWAUKEE SINGLE

Open.

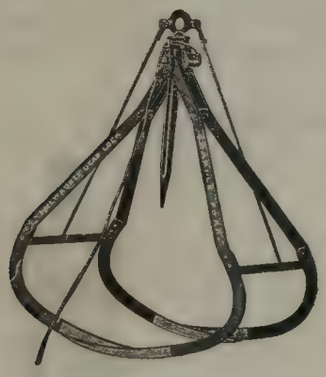


Closed.

Japanned.

	Each
No. 2—27½ in. Long from Guard to Point, Weight Each About 15 Lbs.....	**$2.70**

Grapple Hay Forks.



Four Tines.

	Each
No. 4—Best Quality Spring Steel, Deadlock Grapple Fork	**$6.70**

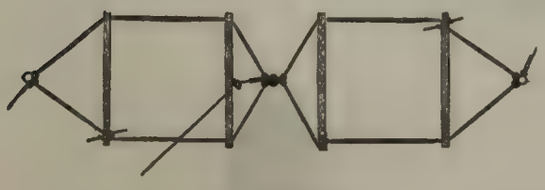
Weight Each About 32 Pounds.

Six Tines.

	Each
No. 6—Best Quality Spring Steel, Deadlock Grapple Fork	**$8.00**

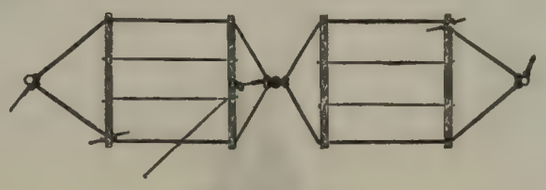
Weight Each About 37 Pounds.

Wagon Slings.



Four Spreader.

	Each
No. 14—4 ft. Cross Bars, Including Ropes and Irons, with Adjustable Center Trip, Adjusts to Any Size Hay Rack, Weight Each About 97 Lbs...	**$3.30**



Four Spreader.

With Adjustable Center Trip and Extra Center Ropes.

	Each
No. 15—5 ft. Cross Bars, Including Ropes and Irons, Adjusts to Any Size Hay Rack, Weight Each About 26 Lbs.....	**$4.00**
No. 16—6 ft. Cross Bars, Otherwise Same as No. 15, Weight Each About 32 Lbs.....	**4.40**

An outfit should have one Sling Pulley and three Wagon Slings to take off entire load in three lots.

Hay Rack Brackets and Clamps.

MYERS' TAKE DOWN

Complete with Brackets, Upper Washers, Plates, Lower Clips, Nuts and Pins. Per Set

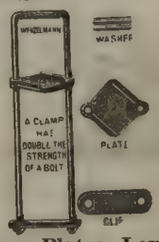
No. 6—Consists of Eight Wrought Steel Clamps to Clamp 2x8 in. Sill and 2x4 or 2x5 in. Cross Timbers, Weight Per Set About 16 Lbs. **$2.25**

No. 7—Consists of Eight Wrought Steel Clamps to Clamp 2x10 in. Sill and 2x6 in. Cross Timbers, Weight Per Set About 20 Lbs. **2.50**

The Take-Down Clamp is made so as to enable the user to handle the rack in two sections. This is done by the removal of two pins provided for the purpose of holding the rack together. The fact that the rack can be separated in two parts enables the user to place the rack on the wagon or remove it without assistance. In addition to this, it gives you the bottom sills and cross pieces as a separate device for hauling lumber, wood, sacked grain, etc., and can also by the use of a set of stake irons be transformed into a hog rack.

One Set in a Box.

WENZELMANN'S



Complete with Brackets, Upper Washers, Plates, Lower Clips and Nuts. Per Set

No. 1—Consists of Eight 14 in. Wrought Steel Clamps, to Clamp 2x4 in., 2x8 in. and 2x4 in., Weight Per Set About 17 Lbs. **$1.50**

No. 2—Consists of Eight 16 in. Wrought Steel Clamps, to Clamp 2x6 in., 2x8 in. and 2x4 in., Weight Per Set About 18½ Lbs. **1.60**

No. 3—Consists of Eight 18 in. Wrought Steel Clamps, to Clamp 2x6 in., 2x10 in. and 2x4 in., Weight Per Set About 21 Lbs. **1.70**

These Brackets make the strongest Hay Racks, as the wood is not weakened by boring holes for bolts where strength is more essential. By their use lighter material can be used. A Hay Rack made with these brackets is stronger and much more rigid than one made in the old way.

One Set in a Box.

Hay Rack Loops.

HALL'S

Wrought Steel. Per Set

No. G1—Consists of Eight Loops, Will Securely Hold 2x4 in. Stake, Bolt Holes are Arranged Zig-Zag to Avoid Splitting the 2x4, without Bolts **$1.10**

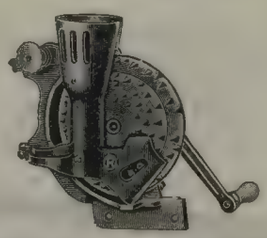
Designed to bolt on to the ends of Cross Timbers of the Hay Rack, so that the side Stakes of the Basket of the Rack will fit therein at the ends of the Timber.

Weight Per Set About 10 Pounds.

One Set in a Box.

Corn Shellers.

LITTLE GIANT



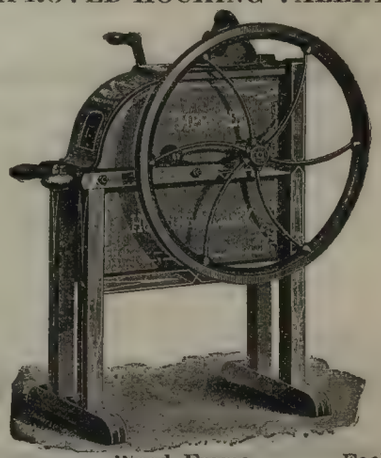
Heavy Cast Iron, Black Japanned. Per Dozen

No. 15—12 in. High, 7½ in. Diameter Disc Wheel, Adjustable to Different Size Ears, Deposits Corn in the Box on which it is Mounted, and Cob Outside, Capacity 8 Bushels Per Hour **$12.25**

Weight Per Dozen About 120 Pounds.

Corn Shellers.

IMPROVED HOCKING VALLEY



Wood Frame. Each

No. 20—One Hole, without Feed Table or Fan, Weight Each About 115 Lbs. **$13.35**

No. 25—One Hole, without Feed Tables, with Fan. **14.50**

Feed Tables—For No. 20 Shellers . . . . . **.70**

Cranks—For No. 20 Shellers. . . **1.35**

Balance Wheels—For No. 20 Shellers **4.50**

Corn Shock Tighteners.

BADGER

With Rope. Per Dozen

Badger — Malleable Iron, Japanned, for Compressing Corn Shocks, Made Heavy to Stand Abuse **$8.90**

Weight Per Dozen About 8 Pounds.

One Dozen in a Box.

HOLDFAST

With 12 ft. of Rope. Per Dozen

Holdfast—Tinned Steel Wire, for Drawing Large Shocks up Tightly, Ready for Twine or Other Bands **$2.70**

Weight Per Dozen About 14 Pounds.

One Dozen in a Box.

Seed Carriers.

HANDY

Extra Heavy White Canvas Ducking. Per Dozen

No. 10—14x18 in., ½ in. Steel Band on Top Edge, Shaped to Fit the Body, with Canvas Shoulder Strap and Buckles. **$9.50**

Weight Per Dozen About 11 Pounds.

Open Stock.

Grain Seeders.

TUBE

Three Section Tin Tube.

Per Dozen

No. 19—22 in. Long Tube, Large Canvas Bag with Shoulder Strap, with Gauge to Regulate Seed **$8.00**

The large end of Tube fits into a Stub Joint which is securely fastened to bag. The Stub Joint contains a gauge to regulate the quantity of seed sown to a certain area.

This Seed Sower will sow Clover, Timothy, Millet, etc.

Weight Per Dozen About 8 Pounds.

One Dozen in a Crate.

CAHOON

Japanned Malleable Iron Castings.

Per Dozen

Cahoon—Hopper 11 in. Wide, 8½ in. Long at Top, 8 in. Diameter Large Driving Gear, Strong Canvas Bag Laced to Hopper, 11x10 in. Breast Plate, 5¼ in. Diameter Brass Distributing Funnel with Four Partitions, Capacity 22 Quarts..... **$60.00**

Sows all Grain or Grass Seed, the Standard for Accuracy, Durability and Ease of Operation.

Weight Per Dozen About 90 Pounds.

One-twelfth Dozen in a Box.

CYCLONE

Broadcast Seeder, Automatic Feed Shut-Off.

Per Dozen

Cyclone—11 in. Diameter Distributing Wheel, 8 in. Pressed Tin Dish, Slope Feed Board, Adjustable Triple Gears, Oscillating Feed Plate, Capacity ½ Bushel **$24.00**

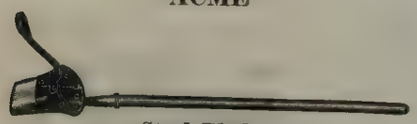
Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Bone Dust, Red Top, Turnip, Millet, Corn, Cotton or any other grain and seeds. Distributes the seed evenly and does the work perfectly.

Weight Per Dozen About 54 Pounds.

One-third Dozen in a Crate.

Potato Planters.

ACME



Steel Blade.

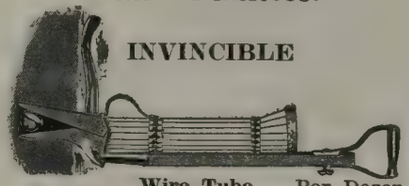
Per Dozen

No. 1—39 in. Long, Hardwood Handle, Malleable Iron Lever **$12.25**

Weight Per Dozen About 40 Pounds.

One Dozen in a Crate.

INVINCIBLE



Wire Tube. Per Dozen

No. 5—29 in. Long, Hardwood Handle, Adjustable D Top, Spade Pointed Steel Jaw, Malleable Iron Lever, Will Not Clog **$22.50**

Weight Per Dozen About 70 Pounds.

One-half Dozen in a Crate.

SHEFFIELD

Galvanized Wire Tube.

Per Dozen

No. 10—33 in. Long, Hardwood Handle, Adjustable D Top, Malleable Iron Lever, Will Not Clog **$22.50**

Weight Per Dozen About 75 Pounds.

One-half Dozen in a Crate.

Corn Planters.

TRIUMPH

Without Pumpkin Seed Attachment.

Per Dozen

No. 8—34 in. Long, Two Hand, Wood Frame and Handles, Steel Box, Japanned..... **$12.25**

Weight Per Dozen About 55 Pounds.

One Dozen in a Crate.

With Pumpkin Seed Attachment.

Per Dozen

No. 9—34 in. Long, Two Hand, Wood Frame and Handles, Steel Box, Japanned..... **$17.80**

Weight Per Dozen About 65 Pounds.

One Dozen in a Crate.

AMERICAN STANDARD

One Hand Automatic.

Per Dozen

No. 3—34 in. Long, Wood Handle, Steel Hopper, Adjustable Seed Disc, Printed in Brilliant Colors **$33.50**

Weight Per Dozen About 80 Pounds.

One-half Dozen in a Crate.

Corn Planters.

AMERICAN STANDARD

Two Hand Automatic.

Per Dozen

No. 13—35 in. Long, Wood Frame and Handles, Steel Hopper, Adjustable Seed Disc, Painted in Brilliant Colors **$31.10**

Weight Per Dozen About 100 Pounds.

One-half Dozen in a Crate.

Corn and Bean Planters.

SEGMENT

Automatic Slide Type.

Per Dozen

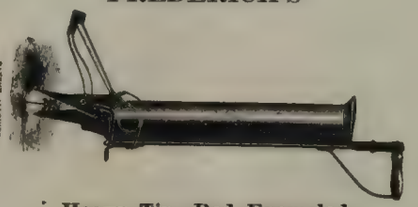
No. 20—33½ in. Long, Segmental Pressed Steel Slide, Adjustable for Number of Kernels Running in Segmental Steel Track, Chinese Bristle Brush Cut-Off, Hardwood Sides, Vermilion Finish **$20.00**

Weight Per Dozen Crated About 60 Lbs.

One-half Dozen in a Crate.

Transplanters.

FREDERICK'S



Heavy Tin, Red Enameled.

Per Dozen

No. 50—30 in. Long, Wood Handle, Black Japanned Steel Hopper, Coppered Steel Wire Spring **$31.10**

Enables one man to do the work of three. Plants can be placed along a line or in square to cultivate both ways.

Weight Per Dozen About 60 Pounds.

One-half Dozen in a Crate.

Husking Pins.

BOSS

Per Dozen

No. B—Adjustable Double Strap and Buckle, Special Riveted Forefinger Guard, Sliding Sleeve, Leather Hand Protector, Brass Thumb Nut with Nickel Loop Solidly Attached at End of Pin, 5 in. Round Steel Pin, Nickel Plated **$4.50**

One Dozen in a Box.

Per Dozen

No. E—Adjustable Hand Straps, Leather Guard, Detachable Strapping to Make this Wearable Over Either Glove or Mitten, Brass Sliding Sleeve, Clamp Thumb Nut and Clamp Sleeve, Blued Set Screw End of Threads, 5 in. Round Tool Steel Pin, Nickel Plated.... **$4.00**

One Dozen in a Box.

Per Dozen

No. C—Adjustable Hand Strap, Leather Guard, Detachable Strapping, Nickel Plated Wire Sliding Link, Steel Tongue End Adjustment, 5 in. Round Tool Steel Pin, Nickel Plated **$3.60**

One Dozen in a Box.

Per Dozen

No. 2800—1¾ in. Chrome Leather Forefinger Guard and Hand Strap with Japanned Rivets for Adjustment, Hand Leather Protector, 4¾ in. Combination Pin with Curved Finger Guard Reinforcement Made from One Piece Heavy Tool Steel, Nickel Plated **$2.50**

One Dozen in a Box.

Per Dozen

No. K—Extra Wide 3½ in. Chrome Grain Calf Forefinger Protector, Grain Calf Leather Hand Piece and Hand Strap, Nickel Sliding Wire Loop, Steel Tongue End Adjustment, Heavy Sheet Steel Pin with Extra Steel Protecting Guard, Nickel Plated **$2.00**

One Dozen in a Box.

Per Dozen

No. 2700—Universal, Heavy Sheet Steel, Adjustable, Nickel Plated, for **Right Hand**..... **$2.25**

No. 2701—Universal, Heavy Sheet Steel, Adjustable, Nickel Plated, for **Left Hand**..... **2.25**

Two Dozen in a Box.

Per Dozen

No. 200—Chrome Grain Calf Leather Forefinger Guard, Hand Strap and Hand Protector, Single Strap, Sliding Link with Buckle Adjustment at Base of Forefinger Guard, Heavy Sheet Metal Pin, Nickel Plated **$1.90**

One Dozen in a Box.

Per Dozen

No. P—Chrome Tanned Grain Leather and Muleskin Combinations in Hand Strapping, Hand Leather Protector, Single Strap Sliding Link with Buckle Adjustment at Top of Hand Strap, 4½ in. Heavy Sheet Steel Tinned Pin..... **$1.25**

No. PP—Boys' Size, Otherwise Same as No. P..... **1.25**

No. P, Three Dozen; No. PP, One Dozen in a Box.

Per Dozen

No. L—Chrome Tanned Grain Leather and Muleskin Combinations in Hand Strapping, Hand Leather Protector, Single Strap Sliding Link, Steel Tongue End Adjustment, 4½ in. Heavy Sheet Steel Tinned Pin **$1.10**

Three Dozen in a Box.

Per Dozen

No. 2600—Strong Chrome Muleskin Leather, Two Finger Compartment, Steel Tinned Pin..... **$0.70**

Three Dozen in a Box.

Per Dozen

No. 3000—Chrome Glove Kip Forefinger Cot, Three Finger Compartment, Heavy Sheet Steel Tinned Pin **$1.80**

One Dozen in a Box.

Average Weight Per Dozen About 2 Pounds.

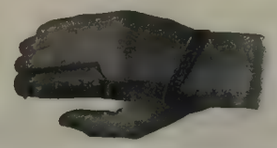
Finger and Thumb Stalls.

BOSS

Per Dozen

No. 85—Special Metal and Leather Protector for Left Thumb, Steel Thumb Facing Plate with 6 Prongs, Nickel Plated, Leather Lined, Heavy Chrome Grain Calf Thumb Leather with Wrist Band and Buckle **$3.60**

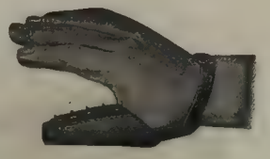
One Dozen in a Box.



Per Dozen

No. 98—Finger Cot with Steel Rivets and Washer Protection, Heavy Chrome Muleskin Leather, Fastens Around Wrist with Two Straps and Buckle **$1.35**

One Dozen in a Box.



Per Dozen

No. 97—Thumb Cot with Steel Rivets and Washer Protection, Heavy Chrome Muleskin Leather, Fastens Around Wrist with Two Straps and Buckle **$1.35**

One Dozen in a Box.

Hook Huskers.

BOSS

Per Dozen

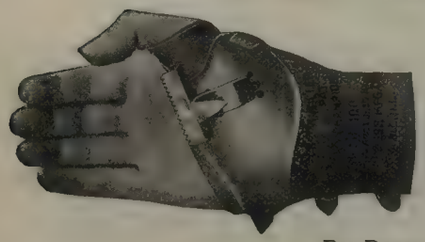
No. 54—Extra Heavy Fireproof Muleskin Large Palm Pad with Slits in Upper Edges for Passing Through Reinforced Hand Strap Thereby Permitting Instant Access to Adjustment Set Screws on Back of Plate, Chrome Grain Leather, Wide Double Strapped Wrist Band and Hand Strap, Extra Heavy Sheet Steel Curved Palm Plate Provided with a Series of Holes in which to Adjust by Set Screws Any Lug, Two Malleable Spur Hooks, Nickel Plated **$7.00**

One Dozen in a Box.

Per Dozen

No. 50—One Piece Heavy Chrome Grain Leather Palm Pad and Double Strapped Wide Wrist Band, Hand Strap Passes Through Metal Slot, Three Straps and Nickel Plated Buckles, One Piece Heavy Sheet Steel Hook Shield with Corrugated Spur and Special Extension Slotted Arm, Curved to Fit Around and Protect Base of Thumb, Curved Steel Palm Plate, Nickel Plated **$5.60**

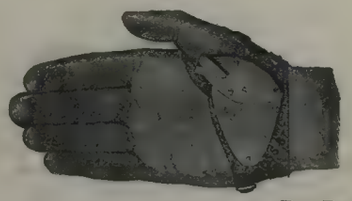
One Dozen in a Box.



Per Dozen

No. 100—Heavy Chrome Muleskin Leather, Special Steel Palm Plate, Three Straps with Nickel Plated Buckles, Heavy Sheet Steel Hook...**$8.35**

One Dozen in a Box.



Per Dozen

No. 64—Heavy Chrome Muleskin Leather, Two Straps and Plated Buckles, Plated Corrugated Steel Hook.....**$2.50**

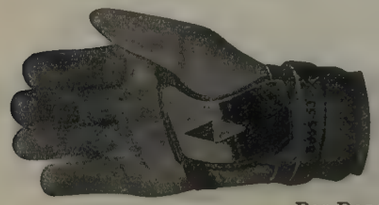
One Dozen in a Box.

Per Dozen

No. 60—Hand Leather, Adjustable Hand Strap and Wrist Strap, Two Straps, Nickel Plated Buckles, Curved Palm Plate with Steel Extension to Protect Base and Back of Thumb, Adjustable Hook.**$5.60**

No. 60L—Same as Above, but Left Hand **5.60**

One Dozen in a Box.



Per Dozen

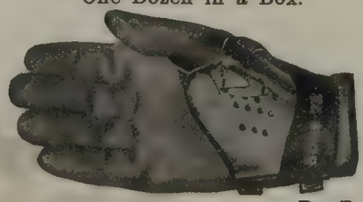
No. 53—Muleskin Palm Leather, Heavy Chrome Grain Band Twice Around the Wrist and Double Reinforced Hand Strap, Two Straps, Nickel Plated Buckles, One-Piece Heavy Sheet Steel Curved Palm Plate with Center Palm Corrugated Hook, Nickel Plated **$5.00**

One Dozen in a Box.

Per Dozen

No. 59—Wide Wrist Band, Double Strapped and Reinforced Hand Strap, Three Straps, Nickel Plated Buckles, Extra Large Steel Corrugated Adjustable Hook.....**$5.35**

One Dozen in a Box.



Per Dozen

No. 73—Best Quality Heavy Chrome Side Leather, Adjustable Hand Leathers, Two Straps, Nickel Plated Buckles, Light Steel Palm Plate with Heavy Steel Corrugated Adjustable Hook **$6.25**

One Dozen in a Box.

Average Weight Per Dozen About 2½ Pounds.

Leather Husking Gloves.

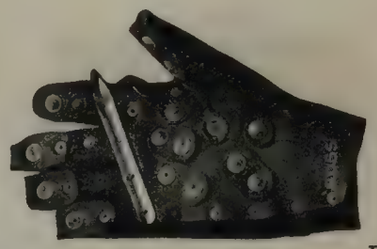
BOSS

Per Dozen Pairs

No. 4—Soft Brown Selected Calfskin, Closed Fingers, Full Back, Extra Leather Wearing Shields, Steel Riveted Throughout, Adjustable Back Strap and Buckle, 4½ in. Plated Steel Pin Riveted to Right Hand Glove of Each Pair....**$24.90**

Weight Per Dozen Pairs About 8 Pounds.

One-half Dozen Pairs in a Box.

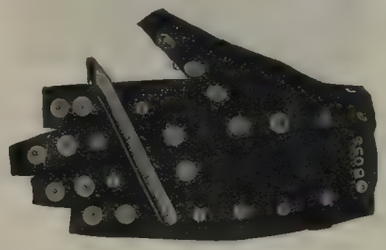


Per Dozen Pairs

No. 5—Selected Glove Kip Leather, Two Piece Back and Open Fingers, Leather Shields, Steel Riveted Throughout, Adjustable Back Strap and Buckle, 4½ in. Plated Steel Pin Riveted to Right Hand Glove of Each Pair.....**$22.50**

Weight Per Dozen Pairs About 8 Pounds.

One-half Dozen Pairs in a Box.



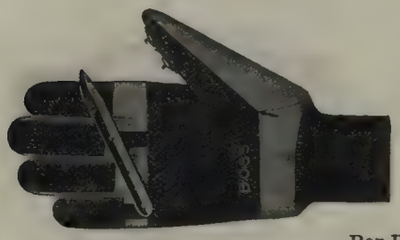
Per Dozen Pairs

No. 9½—Selected Muleskin, Two Piece Back and Open Fingers, Riveted Leather Shield Below Forefinger, Steel Riveted Throughout, Adjustable Back Strap and Buckle, 4½ in. Plated Steel Pin Riveted to Right Hand Glove of Each Pair.....**$11.80**

Weight Per Dozen Pairs About 9 Pounds.

One-half Dozen Pairs in a Box.

Husking Gloves.



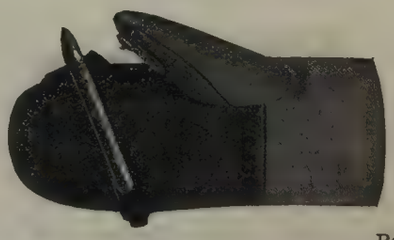
Per Dozen Pairs

No. 28—Canton Flannel, Muleskin Reinforced Palm, Fingers and Thumb, Fleece Lined, Thumb Protected by Riveted Points, Elastic Knit Wrist, 4½ in. Curved Husking Pin Securely Riveted on Glove with Special Protection under Rivets to Prevent Pulling Out.....**$5.25**

Weight Per Dozen Pairs About 2½ Pounds.

One Dozen Pairs in a Box.

Husking Mittens.



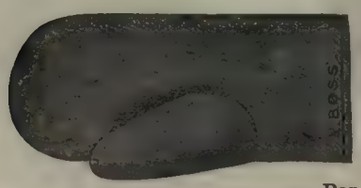
Per Dozen Pairs

No. 37½—Heavy Gray Husking Cloth, Twill Outside, Tannery Run Muleskin Facings, Leather Shield Under Pin, Riveted Leather Shield on Thumb, 4½ in. Steel Pin Riveted on Right Hand Mitten.....**$5.35**

Weight Per Dozen Pairs About 2½ Pounds.

One Dozen Pairs in a Box.

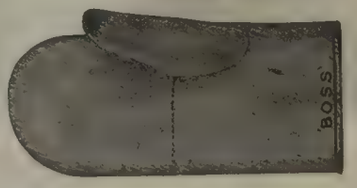
Flannel Mittens.



Per Dozen Pairs

No. 500—Light Weight, Canton Flannel, Single Mitten, Nap Out.....**$1.25**

No. 506—Medium Heavy Weight Canton Flannel, Nap Out..... **1.70**



Per Dozen Pairs

No. 532 —Medium Weight Canton Flannel, with Patch.**$1.90**

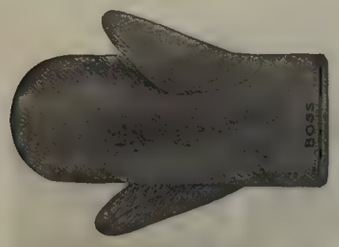
No. 532B—Same as No. 532, but Boys' Sizes..... **1.80**

No. 536 —Medium Heavy Weight Canton Flannel, Nap Out, with Patch..... **2.15**

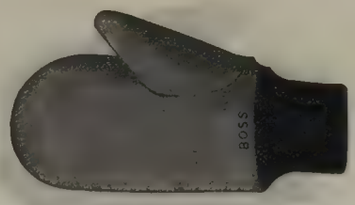
Weight Per Dozen Pairs About 1 Pound.

One Dozen Pairs in a Bundle.

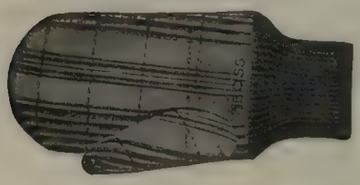
Flannel Mittens.



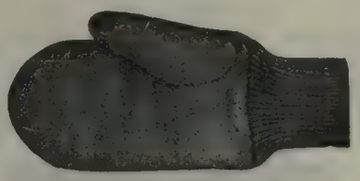
Per Dozen Pairs
No. 576—Medium Heavy Weight Canton Flannel, Two Thumb Single Mitten, Nap Outside.....**$2.15**



Per Dozen Pairs
No. 707—Medium Heavy Weight Canton Flannel, Nap Inside, Knit Wrist.....**$1.90**

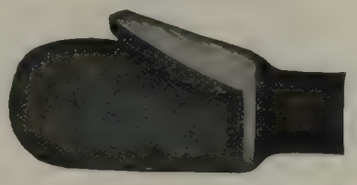


Per Dozen Pairs
No. 769—Three-Ply Tick Mitten, Heavy Wadding, Three-Ply Lining, Knit Wrist.....**$2.50**
No. 769B—Same as No. 769, but Boys' Size **2.45**



Per Dozen Pairs
No. 777 — Three-Ply Cottonade, Heavy Wadding and Lining, Blue Knit Wrist.....**$3.00**

Weight Per Dozen Pairs About 1¾ Pounds.



Per Dozen Pairs
No. 263—Extra Heavy Weight Canton Flannel, Nap Inside, Tan Knit Wrist, Palm and Thumb Reinforced with Leather Face **$5.25**

One Dozen Pairs in a Bundle.

Flannel Gloves.

Per Dozen Pairs
No. 833—Light Weight Canton Flannel, Nap Inside, Knit Wrist, Made on the Two-Finger Set-in Pattern **$1.70**

Per Dozen Pairs
No. 343 —Medium Weight Canton Flannel, Nap Inside, Knit Wrist, Standard Style.....**$1.90**
No. 343B—Same as No. 343, but Boys' Size..... **1.85**
No. 347 —Medium, Heavy Weight Canton Flannel, Nap Inside, Knit Wrist, Standard Style..... **2.15**
No. 351 —Heavy Weight Canton Flannel, Nap Inside, Knit Wrist, Standard Style..... **2.50**

Per Dozen Pairs
No. 228—Medium Heavy Weight Canton Flannel, Nap Inside, Tan Knit Wrist, Palm, Fingers and Thumb Leather Reinforced, Standard Style....**$5.35**

Per Dozen Pairs
No. 602—Medium Heavy Weight Tan Jersey, Tan Knit Wrist, Two Finger Set-in Pattern..**$2.00**

Per Dozen Pairs
No. 1003—Men's Heavy Weight Tan Jersey, Tan Knit Wrist, Standard Style **$2.25**

Weight Per Dozen Pairs About 1¾ Pounds.

One Dozen Pairs in a Bundle.

Gloves.

Per Dozen Pairs

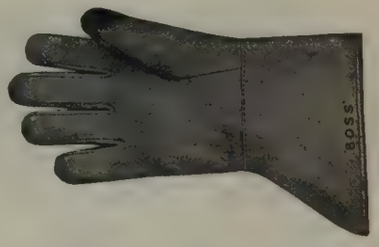
No. 872—Medium Weight Husking Cloth, Having Band of Same Material as Hand Part of Glove, Two Finger Set-in Style $1.50

No. 815—Medium Weight Canton Flannel, Having Band of Same Material as Hand Part of Glove, Two Finger Set-in Style 1.80

Weight Per Dozen Pairs About 1¾ Pounds.
One Dozen Pairs in a Bundle.

Per Dozen Pairs

No. 168—Medium Heavy Weight Canton Flannel Gauntlet, Nap Inside, with Interlined and Over-Cast Cuff $3.00

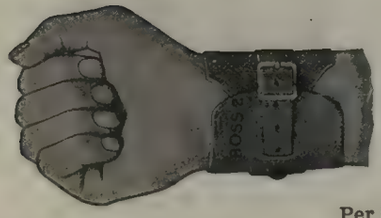


Per Dozen Pairs

No. 443—Medium Weight Canton Flannel Gauntlet, One-Piece Stiff Cuff, Two Finger Set-in Pattern $2.35

Weight Per Dozen Pairs About 2 Pounds.
One Dozen Pairs in a Bundle.

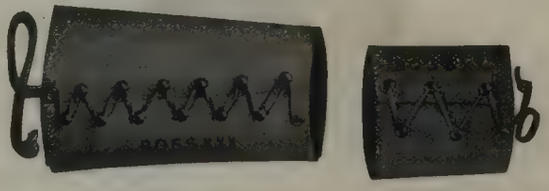
Wrist Bands.



Per Single Dozen

No. 2—2¾ in. Wide, Selected Chrome Leather, Goes Twice Around Wrist, Nickel Plated Buckle and Link $3.60

Weight Per Dozen About 1 Pound.



No. XXX. No. XX.

Per Single Dozen

No. XXX—5½ in. Wide, Soft Pliable Yellow Chrome Leather, Laced with Leather Thong, Heavy Japanned Lacing Hooks and Fastener, Weight Per Dozen About 2 Lbs..... $5.80

No. XX—3 in. Wide, Soft Pliable Yellow Chrome Leather, Laced with Leather Thong, Heavy Japanned Lacing Hooks and Fastener, Weight Per Dozen About 1 Lb..... 3.60

Per Single Dozen

No. 20X—2½ in. Wide, Medium Grade Leather, Two Straps, Plated Buckles and Links..... $1.90

Weight Per Dozen About 1¼ Pounds.

Per Single Dozen

No. 3¼—3¼ in. Wide, Selected Yellow Cow Side Leather, Three Straps, Plated Buckles and Links $3.60

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Measures.

Wisconsin Standard, Approved by the State.

Japanned Iron.

Nos.	15	25	35	45
Quarts	1	2	4	8
Inches	5⅝x3	6⅝x4	8½x4⅞	11x5⅝
Ap. Wt. Dozen, Lbs.	10	13	18	26
Per Dozen	$1.90	2.35	3.10	4.25

Nested. Per Nest
No. 65—Nest of 5, Contains One Each Nos. 15, 25, 35, 45 and 55 Measure.....$1.60

Galvanized Iron.

Nos.	75	85	95	105
Quarts	1	2	4	8
Inches	5⅝x3	6⅝x4	8½x4⅞	11x5⅝
Ap. Wt. Dozen, Lbs.	11	15	22	32
Per Dozen	$2.90	3.55	4.90	6.70

Nested. Per Nest
No. 125—Nest of 5, Contains One Each Nos. 75, 85, 95, 105 and 115 Measures.....$2.35

Wisconsin Standard, Approved by the State.

Japanned Iron, with Side Handles.

Per Dozen
No. 55—14x7 in., Capacity ½ Bushel.....$6.25
Weight Per Dozen About 50 Pounds.

Galvanized Iron, with Side Handles.

Per Dozen
No. 115—14x7 in., Capacity ½ Bushel.....$10.25
Weight Per Dozen About 60 Pounds.

Feed Pails.

Galvanized Iron, Graduated, Side Handles.

Per Dozen
No. 10—13x10⅝ in., Capacity ½ Bushel.....$6.70
Weight Per Dozen About 34 Pounds.

Galvanized Iron, Graduated, Side Handles and Bail.

Per Dozen
No. 11—13x10⅝ in., Capacity ½ Bushel.....$6.70
Weight Per Dozen About 44 Pounds.

Grain Baskets.

GALVANIZED IRON

Corrugated, Seamless Bottom, with Iron Drop Handles.

Nos.	25	26	27
Bushels, Approx.	½	1	1½
Ap. Wt. Dz., Lbs.	50	65	80
Per Dozen	$6.40	8.35	11.35

Extra Heavy, Seamless Bottom, Stationary Handles.

Nos.	126	127
Bushels, Approx.	1	1½
Ap. Wt. Dozen, Lbs.	70	85
Per Dozen	$10.00	12.80

Corrugated, Seamless Bottom, Enameled Wood Drop Handles.

Nos.	35	36
Bushels, Approx.	1	1½
Ap. Wt. Dozen, Lbs.	65	80
Per Dozen	$8.90	12.25

GALVANIZED

Open Hearth Galvanized Steel.

Deep Corrugations, Double Bottom Closely Riveted, Heavy Rope Handles, Built for Handling Coke or Coal.

Nos.	21	21½	22
Bushels, Approx.	1	1½	2
Ap. Wt. Doz., Lbs.	75	90	110
Per Dozen	$17.80	20.00	23.35

WIRE

1 in. Mesh, Hard Steel Wire Cloth, Galvanized. Per Dozen

No. 91—15 in. Diameter, Strongly Braced Heavy Wire Frame, Galvanized After Made, Drop Bail with Wood Grip $10.00

Weight Per Dozen About 33 Pounds.

1 in. Mesh, Hard Steel Wire Cloth, Galvanized. Per Dozen

No. 92—19 in. Diameter, Strongly Braced Heavy Wire Frame, Galvanized After Made, Drop Handles with Wood Grips $18.70

Weight Per Dozen About 54 Pounds.

GALVANIZED

Corrugated, Seamless Bottom. Per Dozen

No. 30—Approximately ½ Bushel, with Bail and Side Handles $6.40

Weight Per Dozen About 54 Pounds.

STAVE

Extra Quality Stock. Per Dozen

No. 13—Approximately ½ Bushel, Wide Band, with Bail... $3.25

Weight Per Dozen About 28 Pounds.

One-half Dozen in a Bundle.

BRIGGS', Oak Stave, Galvanized Iron Band.

Nos.	6	7
Bushels, Approx.	1	1½
Ap. Wt. Dozen, Lbs.	45	58
Per Dozen	$6.70	8.70

One-half Dozen in a Bundle.

STAVE

MILWAUKEE, Wide Band, Select Quality Stock, Each Basket Labeled.

Bushels, Approx.	1	1½	2
Ap. Wt. Doz., Lbs.	50	60	80
Per Dozen	$4.35	5.70	8.15

One-half Dozen in a Bundle.

No. 1—Wide Band, Extra Quality Stock.

Bushels, Approx.	½	1	1½
Ap. Wt. Doz., Lbs.	30	45	55
Per Dozen	$3.25	3.90	5.25

One-half Dozen in a Bundle.

No. 10—Narrow Band.

Bushels, Approx.	1
Ap. Wt. Dozen, Lbs.	40
Per Dozen	$3.00

One-half Dozen in a Bundle.

Baskets.

FACTORY OR FARM

Extra Quality, Double Splint Elm.

Nos.	010	020	030	040
Capacity, Bushels	1	2	3	4
Ap. Wt. Per Dozen, Lbs.	60	65	78	92
Per Dozen	$8.35	11.15	13.90	16.70

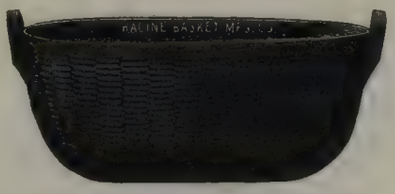
MARKET

Diamond Splint.

	Per Dozen
No. 2—12x17 in.	$1.00

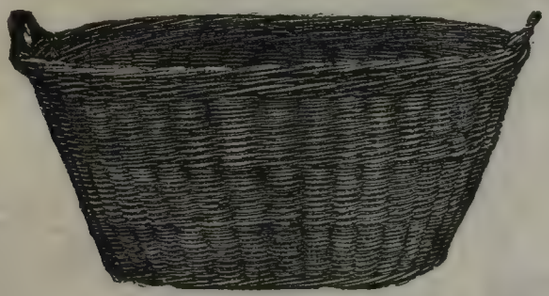
Weight Per Dozen About 11 Pounds.

CLOTHES



Splint, Wood Bottom.

	Per Dozen
No. 1—Medium, (Top Measure) 27x19½x11 in. Deep, Weight Per Dozen About 20 Lbs.	$ 9.30
No. 2—Large, (Top Measure) 29x21x11½ in. Deep, Weight Per Dozen About 22 Lbs.	10.70



Round Willow, Willow Bottom.

	Per Dozen
No. 3—Small, (Top Measure) 26x15x11 in. Deep, Weight Per Dozen About 27 Lbs.	$16.15
No. 4—Medium, (Top Measure) 28x18x12 in. Deep, Weight Per Dozen About 42 Lbs.	18.35
No. 5—Large, (Top Measure) 30x19x12¾ in. Deep, Weight Per Dozen About 47 Lbs.	20.35
No. 5½—Extra Large, (Top Measure) 33x22x14 in. Deep, Weight Per Dozen About 52 Lbs.	22.50

Square Willow, Wood Bottom.

	Per Dozen
No. 31—Small, (Top Measure) 26x16x10 in. Deep, Weight Per Dozen About 56 Lbs.	$19.50
No. 32—Medium, (Top Measure) 28x16x11 in. Deep, Weight Per Dozen About 67 Lbs.	23.35
No. 33—Large, (Top Measure) 30x18x11½ in. Deep, Weight Per Dozen About 86 Lbs.	27.25
No. 34—Extra Large, (Top Measure) 34x20x14 in. Deep, Weight Per Dozen About 96 Lbs.	32.75

LANE'S PATENT

Patented Steel Frame Used Exclusively in Lane Canvas Basket.

Steel Frame, Canvas.

	Per Dozen
No. 1—Capacity 80 Lbs. Anthracite Coal	$44.50
No. 2—Capacity 100 Lbs. Anthracite Coal	53.30
No. 3—Capacity 120 Lbs. Anthracite Coal	57.75

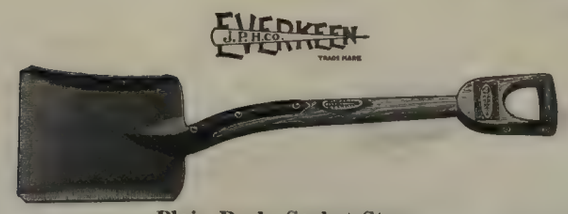
Lane Baskets are made of cotton duck, which forms the body part of the Basket, and a frame of round spring steel.

The top or rim is bound with leather, and the bottom of the steel frame where exposed is made in such a way as to avoid injury to the shoulder or back of carrier.

The cotton duck is strictly highest grade extra heavy weight, and is capable of withstanding a tremendous amount of tensile strain and abrasive wear.

Shovels.

D HANDLE, SQUARE POINT

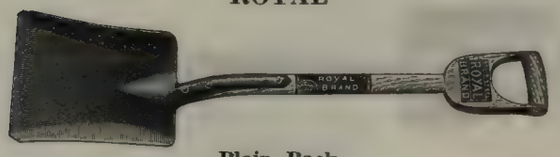


Plain Back, Socket Strap.

Per Dozen

No. E10—(Size 2), 9 x12 in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....$20.00
Weight Per Dozen About 68 Pounds.

ROYAL

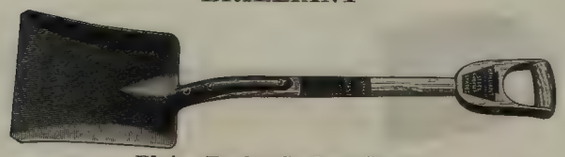


Plain Back.

Per Dozen

No. 40—(Size 2), 9¾x12 in. Blade, Solid Cast Steel, Polished $12.25
Weight Per Dozen About 54 Pounds.

BRILLIANT

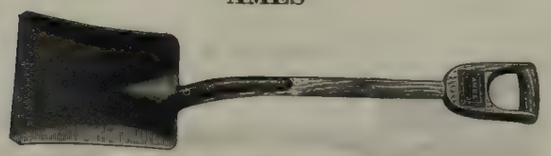


Plain Back, Socket Strap.

Per Dozen

No. 50—(Size 2), 9¾x12 in., Solid Crucible Cast Steel, Heavy, Full Polished.....$19.50
Weight Per Dozen About 63 Pounds.

AMES'

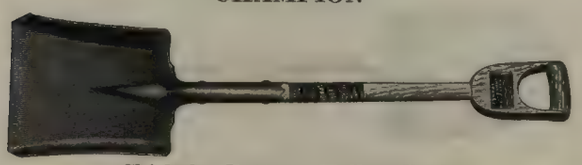


Solid Crucible Cast Steel.

Per Dozen

No. 100—(Size 2), 9¾x12 in. Blade, Full Polished, Plain Back, Weight Per Dozen About 60 Lbs. $24.50
No. 101—(Size 2), 9¾x12 in. Blade, **Black**, Plain Back, Weight Per Dozen About 60 Lbs..... 23.50
No. A4—(Size 4), 11x13 in. Blade, **Black**, Plain Back, Weight Per Dozen About 68 Lbs..... 26.65
No. A6—(Size 6), 11½x13½ in. Blade, **Black**, Plain Back, Weight Per Dozen About 76 Lbs..... 29.50

CHAMPION



Chisholm Pattern, Hollow Back.

Per Dozen

No. 80—(Size 2), 9¾x12 in. Blade, Solid Steel, Full Polished $11.15
Weight Per Dozen About 57 Pounds.

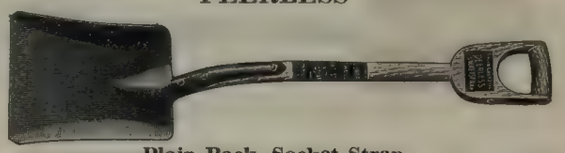
BANNER

Solid Cast Steel, Full Polished, Plain Back.

Per Dozen

No. 20—(Size 2), 9¾x12 in. Blade, Weight Per Dozen About 54 Lbs.....$13.35
No. 203—(Size 3), 10x12½ in. Blade, Weight Per Dozen About 56 Lbs..... 13.90
No. 204—(Size 4), 11x13 in. Blade, Weight Per Dozen About 58 Lbs..... 14.50
No. 205—(Size 5), 11¾x13¾ in. Blade, Weight Per Dozen About 60 Lbs..... 15.00

PEERLESS

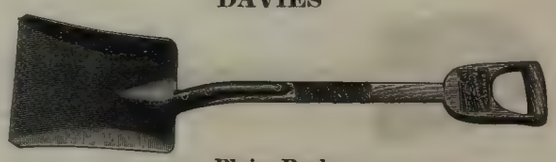


Plain Back, Socket Strap.

Per Dozen

No. 30—(Size 2), 9¾x12 in. Blade, Solid Cast Steel, Full Polished $15.00
Weight Per Dozen About 56 Pounds.

DAVIES'

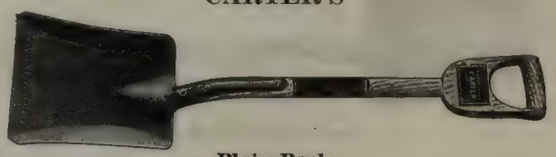


Plain Back.

Per Dozen

No. 70—Crucible Railroad, (Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Full Polished, Weight Per Dozen About 70 Lbs.....$19.50
No. 71—Crucible Railroad, (Size 3), 10x12½ in. Blade, Solid Crucible Cast Steel, Full Polished, Weight Per Dozen About 71 Lbs..... 20.00
No. 72—Crucible Railroad, (Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, **Black**, Weight Per Dozen About 68 Lbs..... 18.35

CARTER'S

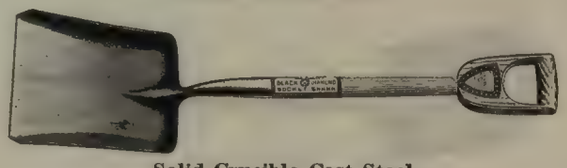


Plain Back.

Per Dozen

No. 110—(Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Full Polished.....$20.00
Weight Per Dozen About 54 Pounds.

BLACK DIAMOND



Solid Crucible Cast Steel.

Per Dozen

No. G22—(Size 2), 9¾x12 in. Blade, Polished and Sharpened, Blade and Socket of One Solid Piece $20.55
Weight Per Dozen About 69 Pounds.

All Above, One-half Dozen in a Bundle.

Shovels.

D HANDLE, ROUND POINT

Plain Back, Socket Strap.

Per Dozen
No. E13—(Size 2), 9¼x13 in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....**$20.00**

Weight Per Dozen About 61 Pounds.

BANNER

Full Polished, Plain Back.

Per Dozen
No. 23—(Size 2), 9¼x13 in. Blade, Solid Cast Steel, Weight Per Dozen About 49 Lbs.....**$13.35**
No. 23½—(Size 3), 9½x13½ in. Blade, Solid Cast Steel, Weight Per Dozen About 52 Lbs... **13.90**

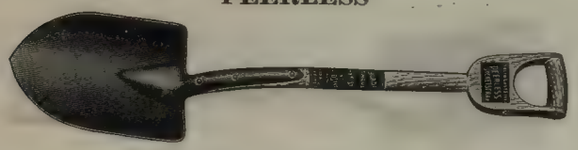
ROYAL

Plain Back.

Per Dozen
No. 43—(Size 2), 9¼x13 in. Blade, Solid Cast Steel, Full Polished **$12.25**

Weight Per Dozen About 55 Pounds.

PEERLESS

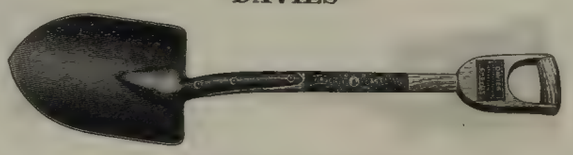


Plain Back, Socket Strap.

Per Dozen
No. 33—(Size 2), 9¼x13 in. Blade, Solid Cast Steel, Full Polished **$15.00**

Weight Per Dozen About 57 Pounds.

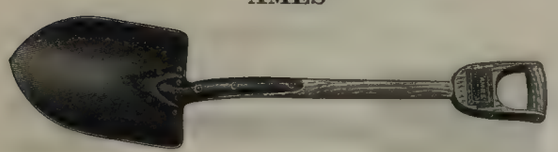
DAVIES'



Riveted Socket Back Strap.

Per Dozen
No. 73—(Size 2), 9¼x13 in. Blade, Solid Crucible Cast Steel, Polished, Weight Per Dozen About 66 Lbs. **$19.50**
No. 74—(Size 3), 9½x13½ in. Blade, Solid Crucible Cast Steel, Polished, Weight Per Dozen About 68 Lbs. **20.00**

AMES'

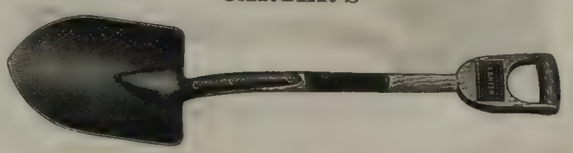


Riveted Back Strap.

Per Dozen
No. 103—(Size 2), 9¼x13 in. Blade, Solid Crucible Cast Steel, Black **$23.50**

Weight Per Dozen About 61 Pounds.

CARTER'S



Plain Back.

Per Dozen
No. 113—(Size 2), 9¼x13 in. Blade, Solid Crucible Cast Steel, Polished.....**$21.10**

Weight Per Dozen About 51 Pounds.

CHAMPION

Chisholm Pattern, Hollow Back.

Per Dozen
No. 83—(Size 2), 9¼x13 in. Blade, Solid Steel, Full Polished **$11.15**

Weight Per Dozen About 54 Pounds.

BLACK DIAMOND

Blade and Socket of One Solid Piece.

Per Dozen
No. G32—(Size 2), 9¼x13 in. Blade, Solid Crucible Cast Steel, Polished and Sharpened.....**$20.55**

Weight Per Dozen About 69 Pounds.

All Above, One-half Dozen in a Bundle.

Shovels.

LONG HANDLE, SQUARE POINT

Plain Back, Socket Strap.

Per Dozen

No. E18—(Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....$20.00

Weight Per Dozen About 70 Pounds.

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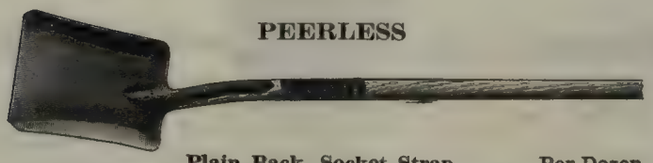


Plain Back, Socket Strap. Per Dozen

No. 38—(Size 2), 9¾x12 in. Blade, Solid Cast Steel, Full Polished, Weight Per Dozen About 62 Lbs. $15.00

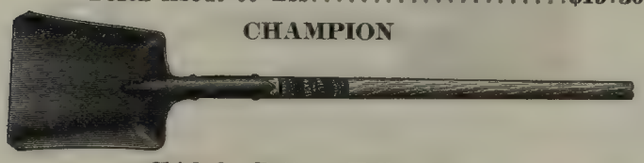
BRILLIANT

Plain Back, Socket Strap.

Per Dozen

No. 58—(Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished, Weight Per Dozen About 69 Lbs.....$19.50

CHAMPION



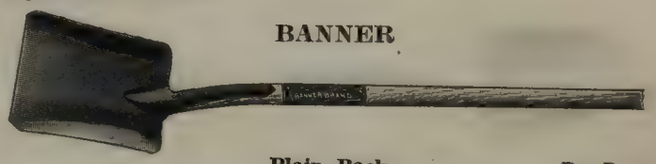
Chisholm Pattern, Hollow Back.

Per Dozen

No. 88—(Size 2), 9¾x12 in. Blade, Solid Cast Steel, Full Polished $11.15

Weight Per Dozen About 60 Pounds.

BANNER



Plain Back. Per Dozen

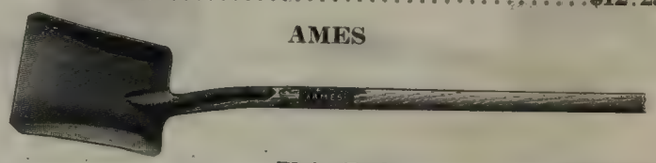
No. 28—(Size 2), 9¾x12 in. Blade, Solid Cast Steel, Full Polished, Weight Per Dozen About 59 Lbs. $13.35

ROYAL

Plain Back. Per Dozen

No. 48—(Size 2), 9¾x12 in. Blade, Solid Cast Steel, Full Polished, Weight Per Dozen About 61 Lbs. $12.25

AMES



Plain Back. Per Dozen

No. 108—(Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Full Polished, Weight Per Dozen About 66 Lbs.....$24.50

CARTER'S

Plain Back. Per Dozen

No. 118—(Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Full Polished, Weight Per Dozen About 62 Lbs.....$20.00

BLACK DIAMOND

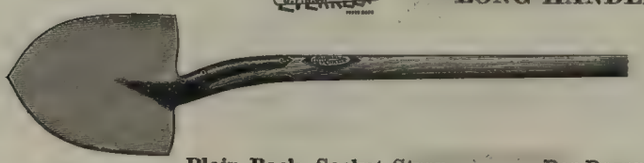
Blade and Socket of One Solid Piece.

Per Dozen

No. G42—(Size 2), 9¾x12 in. Blade, Solid Crucible Cast Steel, Full Polished and Sharpened....$20.55

Weight Per Dozen About 74 Pounds.

LONG HANDLE, ROUND POINT

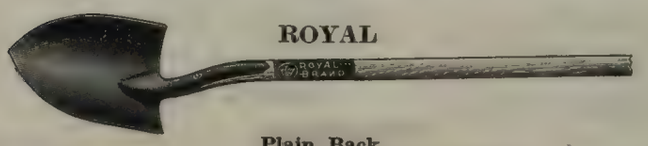


Plain Back, Socket Strap. Per Dozen

No. E15—(Size 2), 9¾x11¾ in. Blade, Solid Crucible Cast Steel, **Heavy,** Full Polished, Weight Per Dozen About 67 Lbs.....$20.00

No. EL15—**Light** Weight Handle, Otherwise Same as No. E15, Weight Per Dozen About 51 Lbs. 20.00

ROYAL



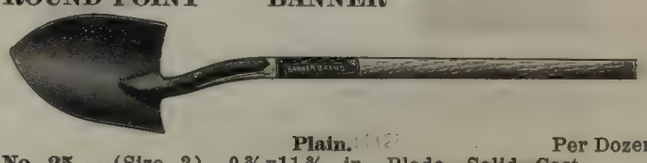
Plain Back.

Per Dozen

No. 45—(Size 2), 9¾x11¾ in. Blade, Solid Cast Steel, Full Polished $12.25

Weight Per Dozen About 58 Pounds.

BANNER



Plain. Per Dozen

No. 25 —(Size 2), 9¾x11¾ in. Blade, Solid Cast Steel, Full Polished, Weight Per Dozen About 50 Lbs.....$13.35

No. 25D—**Dredging,** Same Description as No. 25, but **Lighter Handle,** Used for Dredging, Etc., Weight Per Dozen About 46 Lbs..... 13.35

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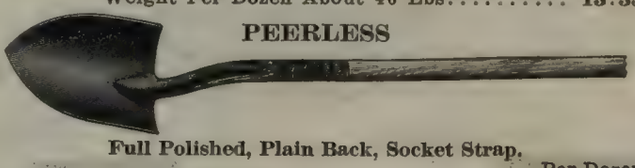


Full Polished, Plain Back, Socket Strap.

Per Dozen

No. 35 —(Size 2), 9¾x11¾ in. Blade, Solid Cast Steel, Weight Per Dozen About 55 Lbs..$15.00

No. 35½—(Size 2), 9¾x11¾ in. Blade, 4½x5½ in. **Lift,** Solid Cast Steel, Weight Per Dozen About 57 Lbs..... 15.00

No. 035 —**Light Weight,** (Size 2), 9¾x11¾ in. Blade, Solid Cast Steel, Weight Per Dozen About 48 Lbs..... 15.00

No. N35 —**Narrow,** (Size 2), 8½x11¾ in. Blade, Solid Cast Steel, Used for Tiling and Draining Purposes, Wt. Per Dozen About 49 Lbs. 15.60

All Above, One-half Dozen in a Bundle.

Shovels.

LONG HANDLE, ROUND POINT

BRILLIANT

Plain Back, Socket Strap.

Per Dozen

No. 55—(Size 2), 9¾x11¾ in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....**$19.50**
Weight Per Dozen About 62 Pounds.

AMES'

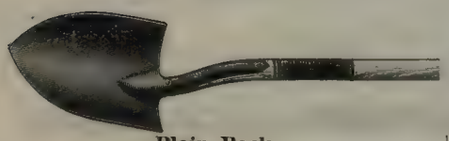
Full Polished, Plain Back.

Per Dozen

No. 105—(Size 2), 9¾x11¾ in. Blade, Solid Crucible Cast Steel, Weight Per Dozen About 62 Lbs.**$24.50**

No. 106—(Size 2), 9¾x11¾ in. Blade, Solid Crucible Cast Steel, **6 ft. Handle**, Weight Per Dozen About 73 Lbs..... **26.65**

CARTER'S

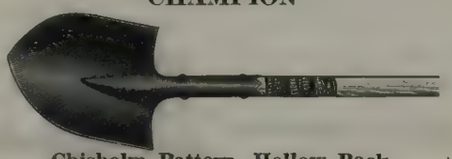


Plain Back.

Per Dozen

No. 115—(Size 2), 9¾x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished.....**$20.00**
Weight Per Dozen About 51 Pounds.

CHAMPION



Chisholm Pattern, Hollow Back.

Per Dozen

No. 85—(Size 2), 9¾x11¾ in. Blade, Solid Cast Steel, Full Polished **$11.15**
Weight Per Dozen About 60 Pounds.

BLACK DIAMOND

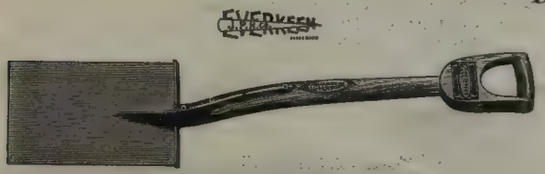
Blade and Socket of One Solid Piece.

Per Dozen

No. G52—(Size 2), 9¾x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished and Sharpened **$20.55**
Weight Per Dozen About 65 Pounds.

Spades.

D HANDLE

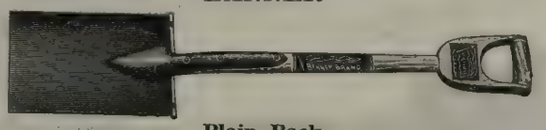


Plain Back, Socket Strap.

Per Dozen

No. E210—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished....**$20.00**
Weight Per Dozen About 63 Pounds.

BANNER

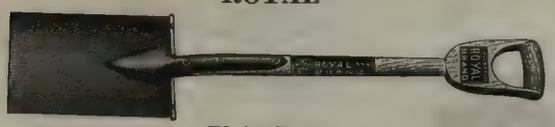


Plain Back.

Per Dozen

No. 220—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished **$13.35**
Weight Per Dozen About 62 Pounds.

ROYAL

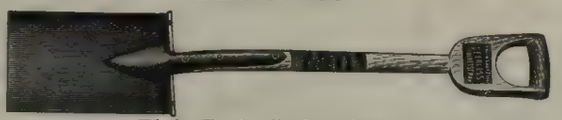


Plain Back.

Per Dozen

No. 240—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished.....**$12.25**
Weight Per Dozen About 52 Pounds.

PEERLESS

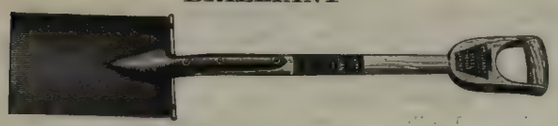


Plain Back, Socket Strap.

Per Dozen

No. 230—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished.....**$15.00**
Weight Per Dozen About 52 Pounds.

BRILLIANT

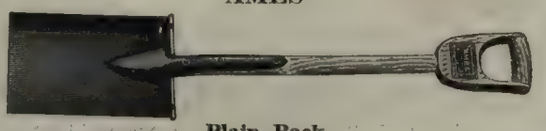


Plain Back, Socket Strap.

Per Dozen

No. 250—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....**$19.50**
Weight Per Dozen About 57 Pounds.

AMES'

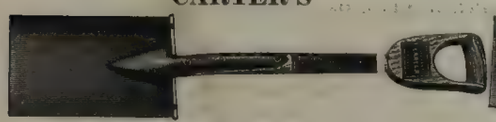


Plain Back.

Per Dozen

No. 200—(Size 2) 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished.....**$24.75**
Weight Per Dozen About 63 Pounds.

CARTER'S

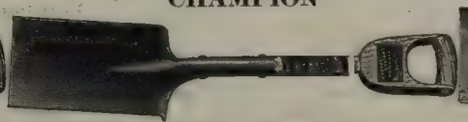


Plain Back.

Per Dozen

No. 210—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished..**$20.55**
Weight Per Dozen About 51 Pounds.

CHAMPION



Chisholm Pattern, Hollow Back.

Per Dozen

No. 280—(Size 2), 7¼x11¾ in. Blade, Solid Steel, Full Polished **$11.15**
Weight Per Dozen About 54 Pounds.

BLACK DIAMOND

Blade and Socket of One Solid Piece.

Per Dozen

No. G62—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Polished and Sharpened **$20.55**
Weight Per Dozen About 64 Pounds.

All Above, One-half Dozen in a Bundle.

Spades.

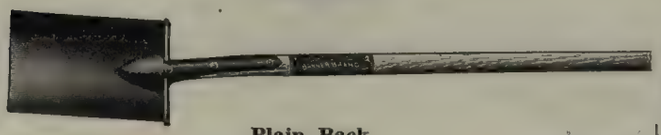
LONG HANDLE

Plain Back, Socket Strap. Per Dozen

No. E218—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....$20.00

Weight Per Dozen About 64 Pounds.

BANNER



Plain Back. Per Dozen

No. 228—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished.....$13.35

Weight Per Dozen About 62 Pounds.

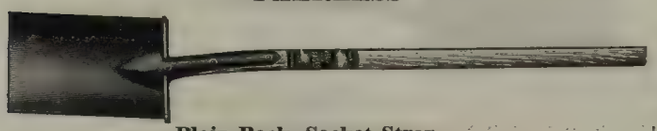
ROYAL

Plain Back. Per Dozen

No. 248—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished.....$12.25

Weight Per Dozen About 64 Pounds.

PEERLESS

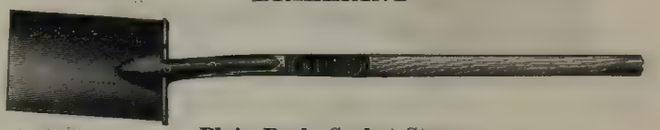


Plain Back, Socket Strap. Per Dozen

No. 238—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished.....$15.00

Weight Per Dozen About 63 Pounds.

BRILLIANT

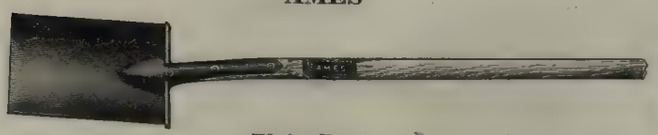


Plain Back, Socket Strap. Per Dozen

No. 258—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Heavy, Full Polished.....$19.50

Weight Per Dozen About 63 Pounds.

AMES'

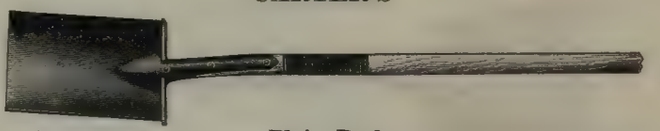


Plain Back. Per Dozen

No. 208—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished.....$24.75

Weight Per Dozen About 69 Pounds.

CARTER'S



Plain Back. Per Dozen

No. 218—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished.....$20.55

Weight Per Dozen About 58 Pounds.

CHAMPION

Chisholm Pattern, Hollow Back. Per Dozen

No. 288—(Size 2), 7¼x11¾ in. Blade, Solid Cast Steel, Full Polished.....$11.15

Weight Per Dozen About 57 Pounds.

BLACK DIAMOND

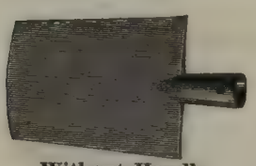
Blade and Socket of One Solid Piece. Per Dozen

No. G72—(Size 2), 7¼x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished and Sharpened...$20.55

Weight Per Dozen About 69 Pounds.

All Above, One-half Dozen in a Bundle.

German Spades.



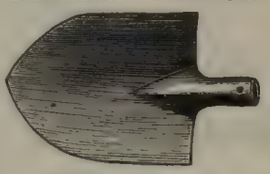
Without Handle.
Cast Steel, Polished. Per Dozen

No. 3—7½x10¼ in. Blade, Square Point $7.80

No. 4—7¼x11 in. Blade, Round Point 7.80

Weight Per Dozen About 28 Pounds.

German Shovels.



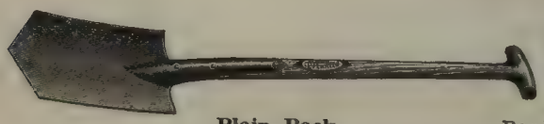
Without Handle.
Cast Steel, Polished. Per Dozen

No. 5—7½x10⅜ in. Blade, Round Point.....$7.80

Weight Per Dozen About 28 Pounds.

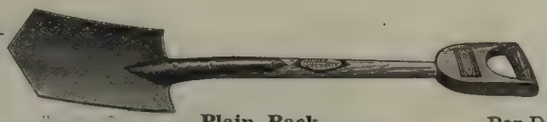
Open Stock.

German Spades.



Plain Back. Per Dozen

No. E1870—7x12 in. Blade, High Carbon Open Hearth Steel, Full Polished, Selected T Handle..$21.75
Weight Per Dozen About 59 Pounds.



Plain Back. Per Dozen

No. E1871—7x12 in. Blade, High Carbon Open Hearth Steel, Full Polished, Selected Wood D Handle $21.75
Weight Per Dozen About 64 Pounds.

One-half Dozen in a Bundle.

Iowa Pattern.
One Piece Blade and Strap. Per Dozen

No. E1878—6½x12 in. Blade, High Grade Carbon Open Hearth Steel, Polished, 30 in. Wood D Handle $21.75
Weight Per Dozen About 52 Pounds.

Iowa Pattern.
One Piece Blade and Strap. Per Dozen

No. E1789—6½x12 in. Blade, High Grade Carbon Open Hearth Steel, Polished, Long Handle.....$21.75
Weight Per Dozen About 54 Pounds.

One-half Dozen in a Bundle.

Lime Shovels.

D HANDLE

Cast Steel, Black, Plain Back. Per Dozen

No. 7—Banner, 11¾ in. Wide Blade.....$16.70
No. 177—Porter's, 12¼ in. Wide Blade..... 27.25
Weight Per Dozen About 70 Pounds.

LONG HANDLE

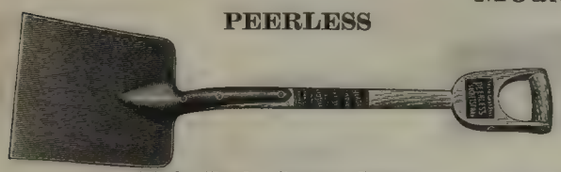
Cast Steel, Black, Plain Back. Per Dozen

No. 187—Porter's, 12¼ in. Wide Blade.....$27.25
No. 197—Ormsby's, 12¼ in. Wide Blade, 6 ft. Handle. 29.50
Weight Per Dozen About 70 Pounds.

One-half Dozen in a Bundle.

Moulders' Shovels.

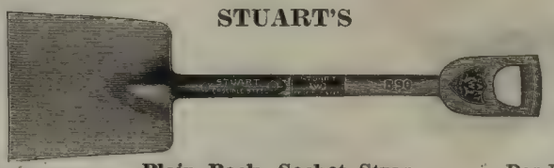
PEERLESS



Plain Back, Socket Strap. Per Dozen

No. 160—10x11¾ in. Blade, Solid Cast Steel, Fully Polished $16.15
Weight Per Dozen About 60 Pounds.

STUART'S



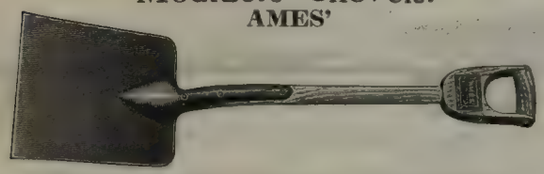
Plain Back, Socket Strap. Per Dozen

No. 170—10x11¾ in. Blade, Solid Crucible Cast Steel, Full Polished $18.90
Weight Per Dozen About 60 Pounds.

One-half Dozen in a Bundle.

Moulders' Shovels.

AMES'



Plain Back, Solid Cast Steel, Full Polished. Per Dozen

No. 150—Ames', 10x11¾ in. Blade.....$24.50
No. 155—Blair's, 10x11¾ in. Blade..... 21.00
Weight Per Dozen About 58 Pounds.

Concrete Shovels.

MYERS'

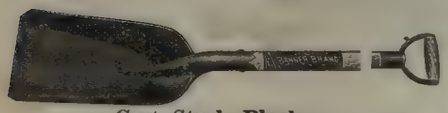
Concave, Plain Back. Per Dozen

No. 90—9½x12½ in. Blade, Special Solid Steel, One Piece with Thick Center, Full Polished.....$21.15
Weight Per Dozen About 65 Pounds.

One-half Dozen in a Bundle.

Furnace Scoops.

D HANDLE



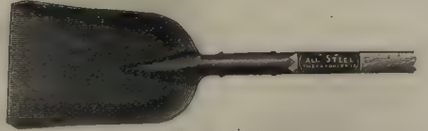
Cast Steel, Black. Per Dozen

No. 330—8¾ in. Wide at Mouth, Malleable D Handle.....$ 7.25
No. 2501—High Grade, 9½ in. Wide at Mouth, Wood D Malleable D Handle.....$ 7.25

LONG HANDLE

Cast Steel, Black. Per Dozen

No. 350—Banner, 8¾ in. Wide at Mouth, Long Handle.....$6.15
Weight Per Dozen About 58 Pounds.
One-half Dozen in a Bundle.



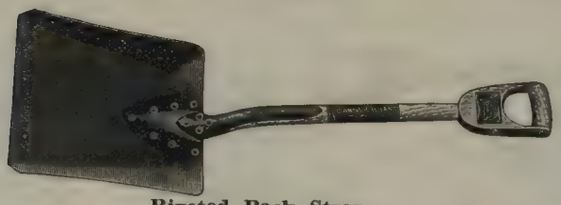
Cast Steel, Black. Per Dozen

No. 153B—9½ in. Wide at Mouth, Low Lift, Long Handle $8.60
Weight Per Dozen About 62 Pounds.

Coal Shovels.

D HANDLE

BANNER

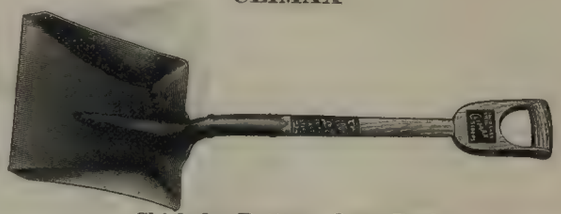


Riveted Back Strap.

	Per Dozen
No. 8—14 in. Wide Blade, Cast Steel, Black.....	$14.60

Weight Per Dozen About 87 Pounds.

CLIMAX



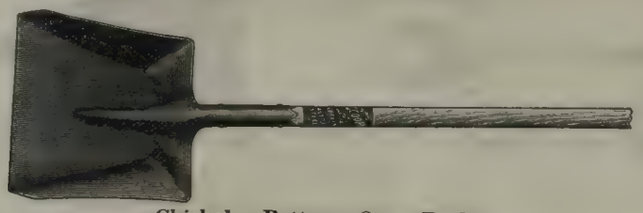
Chisholm Pattern, Open Back.

	Per Dozen
No. 18—14¼ in. Wide Blade, Cast Steel, Black....	$12.25

Weight Per Dozen About 69 Pounds.

One-half Dozen in a Bundle.

CLIMAX, LONG HANDLE

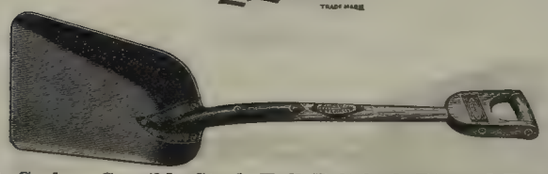


Chisholm Pattern, Open Back.

	Per Dozen
No. 180—14¼ in. Blade, Cast Steel, Black.....	$12.25

Weight Per Dozen About 78 Pounds.
One-half Dozen in a Bundle.

Scoops.



High Carbon Crucible Steel, Full Polished, Riveted Front and Back Strap, Tapered Socket Straps, XX Selected Waxed D Handle.

Nos.	2	3	4	5	6
Width at Mouth, In.	11	11¼	11½	12	13
Length Blade, In..	14¾	15½	16	16½	17
Ap. Wt. Dozen, Lbs.	80	84	90	100	102
Per Dozen.....	$23.50	23.75	24.00	24.60	25.15

Nos.	7	8	9	10	12
Width at Mouth, In.	13¼	13½	14¾	15	15¾
Length Blade, In..	17¾	18	18¼	19½	20
Ap. Wt. Dozen, Lbs.	106	110	112	115	120
Per Dozen.....	$25.75	26.25	26.75	27.35	29.55

One-half Dozen in a Bundle, Burlapped.

BANNER

Cast Steel, Full Polished, Plain Strap, D Handle.

Nos.	2	3	4	5	6
Width at Mouth, In.	11	11¼	11½	12	13
Length Blade, In..	14¾	15½	16	16½	17
Ap. Wt. Dozen, Lbs.	70	74	80	90	92
Per Dozen.....	$16.15	16.70	17.20	17.80	18.35

Nos.	7	8	10	12
Width at Mouth, In.	13¼	13½	15	15¾
Length Blade, In..	17¾	18	19½	20
Ap. Wt. Dozen, Lbs.	96	98	103	106
Per Dozen.....	$18.90	19.50	20.55	21.65

One-half Dozen in a Bundle.

BRILLIANT

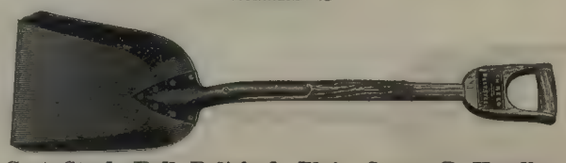
Cast Steel, Full Polished, Socket Strap, D Handle.

Nos.	3	4	5	6
Width at Mouth, Inches.	11¼	11½	12	13
Length of Blade, Inches.	15½	16	16½	17
Ap. Wt. Per Dozen, Lbs.	84	90	100	102
Per Dozen.....	$22.50	22.75	23.35	23.90

Nos.	7	8	10	12
Width at Mouth, Inches.	13¼	13½	15	15¾
Length of Blade, Inches.	17¾	18	19½	20
Ap. Wt. Per Dozen, Lbs.	106	110	115	120
Per Dozen	$24.50	25.00	26.10	28.30

One-half Dozen in a Bundle.

REED'S



Cast Steel, Full Polished, Plain Strap, D Handle.

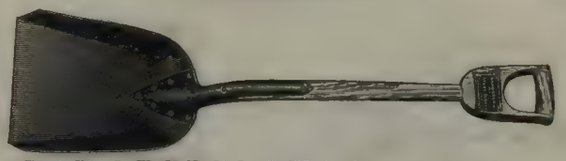
Nos.	2	3
Width at Mouth, Inches.....	11	11¼
Length of Blade, Inches.....	14¾	15½
Ap. Weight Per Dozen, Lbs...	50	60
Per Dozen	$19.25	19.80

This Scoop, being light, adapts it especially for trimming grain, filling bags, etc.

One-half Dozen in a Bundle.

Scoops.

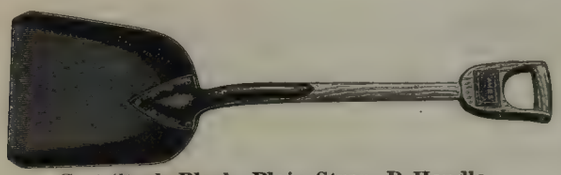
SANDERSON'S



Cast Steel, Full Polished, Plain Strap, D Handle.

Nos.	2	3	4	5	6	7	8	10	12	14
Width at Mouth, Inches	11	11¼	11½	12	13	13¼	13½	15	15¾	16½
Length of Blade, Inches	14¾	15½	16	16½	17	17¾	18	19½	20	20½
Ap. Weight Per Dozen, Lbs.	80	84	90	100	102	106	110	115	120	125
Per Dozen	$22.25	22.75	23.35	23.90	25.00	25.60	26.15	27.80	30.60	32.90

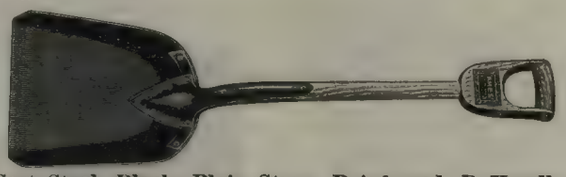
AMES'



Cast Steel, Black, Plain Strap, D Handle.

Nos.	2	3	4	5
Width at Mouth, Inches.	11	11¼	11½	12
Length of Blade, Inches.	14¾	15½	16	16½
Ap. Wt. Per Dozen, Lbs.	80	82	84	86
Per Dozen	$26.65	27.10	28.00	28.60

Nos.	6	7	8
Width at Mouth, Inches.	13	13¼	13½
Length of Blade, Inches.	17	17¾	18
Ap. Wt. Per Dozen, Lbs.	88	90	94
Per Dozen	$29.50	30.60	31.70



Cast Steel, Black, Plain Strap, Reinforced, D Handle.

Nos.	R6	R7	R8
Width at Mouth, Inches	13	13¼	13½
Length of Blade, Inches	17	17¾	18
Ap. Wt. Per Dozen, Lbs.	90	95	98
Per Dozen	$31.10	32.25	33.35

GRAIN

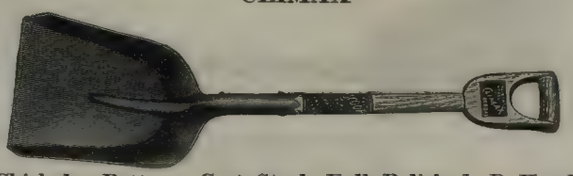
CHAMPION

Chisholm Pattern, Open Hearth Steel, Full Polished, D Handle.

Nos.	0152	0153	0154	0155	0156	0157
Width at Mouth, In.	11	11¼	13⅛	13½	13½	13⅞
Length of Blade, In.	15	15½	15½	16	16½	17
Ap. Wt. Doz., Lbs.	60	63	68	72	79	82
Per Dozen	$13.35	13.80	14.50	15.00	15.60	16.10

Nos.	0158	0159	0160	0162	01264
Width at Mouth, In.	14¼	14⅝	15	15½	15⅞
Length of Blade, In.	17½	18	18¾	19½	20¼
Ap. Wt. Doz., Lbs.	85	89	92	95	99
Per Dozen	$16.70	17.25	17.80	18.90	20.00

CLIMAX



Chisholm Pattern, Cast Steel, Full Polished, D Handle.

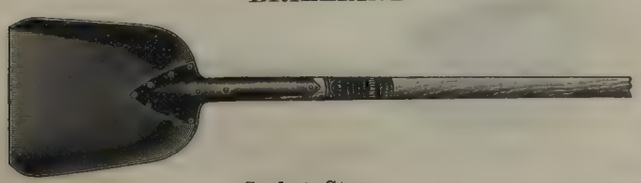
Nos.	2	3	4	5	6	7
Width at Mouth, In.	11	11¼	12½	13½	13½	13⅞
Length of Blade, In.	15	15½	15½	16	16½	17
Ap. Wt. Doz., Lbs.	62	66	70	74	82	87
Per Dozen	$12.80	13.35	13.90	14.50	15.00	15.60

Nos.	8	9	10	12	14
Width at Mouth, In.	14¼	14¼	14½	15	16½
Length of Blade, In.	17½	18	18¾	19¾	20¾
Ap. Wt. Doz., Lbs.	92	96	99	105	110
Per Dozen	$16.15	16.70	17.25	19.35	19.50

This Scoop is correctly hung for handling Grain and Corn.
All Above, One-half Dozen in a Bundle.

Long Handle Scoops.

BRILLIANT



Socket Strap.

Per Dozen

No. 2—11 in. Wide at Mouth, Cast Steel Full Polished, Long Handle $21.65

CLIMAX

Chisholm Pattern.

Per Dozen

No. 2—11 in. Wide at Mouth, Cast Steel, Full Polished, Long Handle $12.75

Weight Per Dozen About 68 Pounds.
One-half Dozen in a Bundle.

Grain Scoops.

HERCULES

High Grade Planished Steel, Malleable Iron Trimmings, Two Handles.

Each

No. 1—Capacity ½ Bushel, Weight Each About 6 Lbs. $2.00

No. 2—Capacity 1 Bushel, Weight Each About 12 Lbs. 2.55

Potato and Vegetable Scoops.

MICHIGAN

D Handle.

	Per Dozen
No. 55—13x16 in. Blade, Steel Rim, Steel Wire Bottom, Each Piece Securely Riveted at Both Ends, Double Tinned, Solid Steel Straps and Side Pieces	$28.90

Weight Per Dozen About 75 Pounds.
One-half Dozen in a Bundle.

Telegraph Shovels.

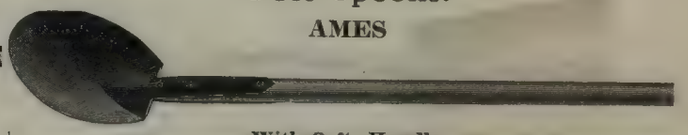
8 ft. Handle, with 9½ in. Strap on Handle.

	Per Dozen
No. 11—9¼x11¾ in. Blade, Cast Steel, Plain Back	$32.85

Weight Per Dozen About 100 Pounds.
One-half Dozen in a Bundle.

Post Spoons.

AMES



With 8 ft. Handle.

	Per Dozen
No. 10—10x8¼ in. Blade, Cast Steel, Black	$32.85

Weight Per Dozen About 96 Pounds.
One-half Dozen in a Bundle.

Drain Cleaners.

IWAN'S CHAMPION

Adjustable.
Concave Solid Steel Blade, Polished, 6½ ft. Handle.

Nos.	0	1	2	3	4	5
Blade, Inches	3x15	4x15	5x15	6x15	7x15	8x15
Ap. Wt. Doz., Lbs.	55	60	64	70	75	80
Per Dozen	$20.00	20.00	20.60	21.20	21.65	22.25

Stationary.
Concave Solid Steel Blade, Polished, 6½ ft. Handle.

Nos.	02	03	04	05
Blade, Inches	5x15	6x15	7x15	8x15
Ap. Wt. Per Dozen, Lbs.	62	68	74	80
Per Dozen	$21.00	21.60	22.25	22.80

	Per Dozen
Extra Handles—Without Ferrules, for Drain Cleaners	$5.75

One-half Dozen in a Bundle.

Drain Spades.

Light Weight, Riveted Step, High Carbon Crucible Steel, Full Polished, Socket Strap, XX D Handle.

Nos.	E14	E16	E18	E20	E22	E24
Length of Blade, Inches	14	16	18	20	22	24
Approx. Weight Per Dozen, Lbs	53	58	63	68	72	76
Per Dozen	$20.00	20.60	21.10	21.65	22.25	22.75

One-half Dozen in a Bundle.

PEERLESS

Solid Cast Steel, Polished, Socket Strap.

Nos.	14	16	18	20	22	24
Length of Blade, In.	14	16	18	20	22	24
Ap. Wt. Doz., Lbs.	53	58	63	68	72	76
Per Dozen	$17.80	18.50	19.15	19.80	20.50	21.15

AMES'

Solid Cast Steel, Full Polished, Plain Back.

Nos.	A14	A16	A18	A20
Length of Blade, Inches.	14	16	18	20
Ap. Wt. Per Dozen, Lbs.	55	60	65	70
Per Dozen	$26.10	26.10	26.65	27.25

One-half Dozen in a Bundle.

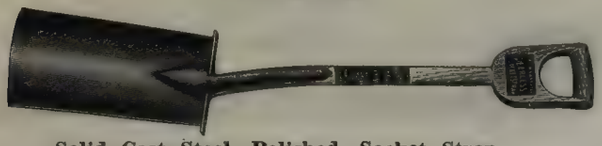
Ditching Spades.

Solid Cast Steel, Full Polished, Socket Strap.

No.	E016	E018	E020
Length of Blade, Inches	16	18	20
Approx. Weight Per Dozen, Lbs	58	63	68
Per Dozen	$20.60	21.10	21.65

One-half Dozen in a Bundle.

PEERLESS



Solid Cast Steel, Polished, Socket Strap.

Nos.	016	018	020
Length of Blade, Inches	16	18	20
Ap. Wt. Per Dozen, Lbs	60	64	68
Per Dozen	$18.50	19.15	19.80

AMES'

Solid Cast Steel, Full Polished, Plain Back.

Nos.	A014	A016	A018	A020
Length of Blade, In.	14	16	18	20
Ap. Wt. Per Dozen, Lbs.	55	60	65	70
Per Dozen	$26.10	26.10	26.65	27.25

One-half Dozen in a Bundle.

Post Spades.

Solid Cast Steel, Polished, Socket Strap.

Nos.	E14½	E16½	E18½	E20½	E22½	E24½
Lgth. of Blade, In.	14	16	18	20	22	24
Ap. Wt. Doz., Lbs.	53	58	63	68	72	76
Per Dozen	$20.00	20.60	21.10	21.65	22.25	22.75

One-half Dozen in a Bundle.

PEERLESS

Solid Cast Steel, Polished, Socket Strap.

Nos.	14½	16½	18½	20½	22½	24½
Lgth. of Blade, In.	14	16	18	20	22	24
Ap. Wt. Doz., Lbs.	54	60	64	68	72	76
Per Dozen	$17.80	18.50	19.15	19.80	20.50	21.15

One-half Dozen in a Bundle.

Tiling Spades.

OSMUNDSON KING BRAND

Round Point, Solid Steel Blade, 4½ in. Wide.

Length of Blade, Inches	18	20	22
Ap. Wt. Per Dozen, Lbs	60	64	70
Per Dozen	$40.00	40.00	40.00

Square Point, Solid Steel Blade, 6½ in. Wide.

Length of Blade, Inches	18	20	22
Ap. Wt. Per Dozen, Lbs	64	67	70
Per Dozen	$41.15	41.15	41.15

One-half Dozen in a Bundle.

BOSS

Round Point, Solid Steel Blade, 4½ in. Wide.

Length of Blade, Inches	18	20	22
Ap. Wt. Per Dozen, Lbs	60	64	70
Per Dozen	$40.00	40.00	40.00

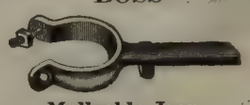
Square Point, Solid Steel Blade, 6½ in. Wide.

Length of Blade, Inches	18	20	22
Ap. Wt. Per Dozen, Lbs	64	67	70
Per Dozen	$41.15	41.15	41.15

One-half Dozen in a Bundle.

Tiling Spade Steps.

BOSS



Malleable Iron.

Per Dozen

Boss—5¼ in. Long, Flat Top $2.25
Weight Per Dozen About 4½ Pounds.
Open Stock.

EAGLE

Pressed Steel.

Per Dozen

Eagle—4⅜ in. Long, Round Top, Will Not Break or Turn $2.25
Weight Per Dozen About 1½ Pounds.
Open Stock.

Snow Shovels.

BOYS'

Straight Handle.

Per Dozen

No. 4-S—9x13 in. Straight Basswood Blade, Folded Steel Tip **$2.70**

Weight Per Dozen About 20 Pounds.

PEERLESS, LONG HANDLE

Straight Handle.

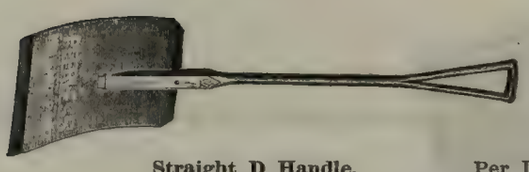
Per Dozen

No. 3-S—11½x18 in. Straight Basswood Blade, Steel Back Plate, Folded Steel Tip **$3.90**

Weight Per Dozen About 32 Pounds.

One-half Dozen in a Bundle.

PEERLESS, D HANDLE



Straight D Handle.

Per Dozen

No. 10-S—14x18 in. Bent Basswood Blade, Varnished, Steel Back Plate, Extra Heavy Malleable Iron Tip **$7.00**

Weight Per Dozen About 38 Pounds.

CHALLENGE, T HANDLE

Straight T Handle.

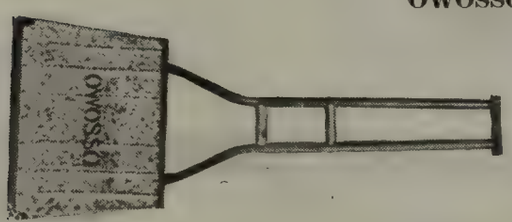
Per Dozen

No. 25-S—12¾x16 in. Straight Blade, Varnished, Extra Heavy Malleable Iron Tip **$7.30**

Weight Per Dozen About 40 Pounds.

One-half Dozen in a Bundle.

OWOSSO, DOUBLE HANDLE



Back View.

Straight Double Hardwood Handle.

Per Dozen

No. 36-S—21x16 in. Galvanized Steel Blade, Heavy Steel Point, Well Riveted, Double Handle Prevents Shovel from Turning in the Hand when Loaded, as the Load is Carried Between the Two Handles (See Back View) **$16.10**

Weight Per Dozen About 60 Pounds.

One-half Dozen in a Crate.

OWOSSO, D HANDLE

Back View.

Straight Selected Oak Handle, with Steel D.

Per Dozen

No. 34-S—21x16 in. Curved Heavy Galvanized Iron Blade, Corrugated, Heavily Wired Edge, 14 Gauge Angle Iron Braces, Heavy Steel Point, Well Varnished **$13.35**

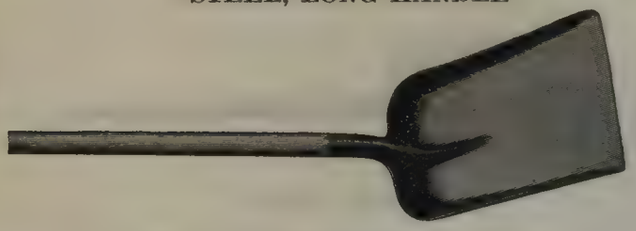
No. 33-S—17x15½ in. Blade, Otherwise Same as No. 34-S **12.50**

The properly placed Corrugations and Heavily Wired Edges insure great stiffness. The Iron Braces shown in Back View, guarantee strength where most Shovels are weak.

Weight Per Dozen About 55 Pounds.
One-half Dozen in a Crate.

Snow Shovels.

STEEL, LONG HANDLE



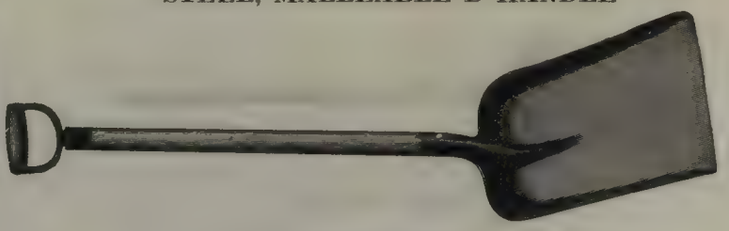
Black Finish.

Per Dozen

No. 191—11½ in. Heavy Steel Socket Blade.....**$5.60**

Weight Per Dozen About 60 Pounds.
One-half Dozen in a Bundle.

STEEL, MALLEABLE D HANDLE



Black Finish.

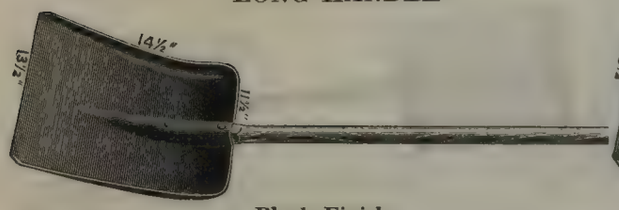
Per Dozen

No. 190—11½ in. Heavy Steel Socket Blade.....**$6.70**

Weight Per Dozen About 65 Pounds.
One-half Dozen in a Bundle.

Barn or General Purpose Shovels.

LONG HANDLE



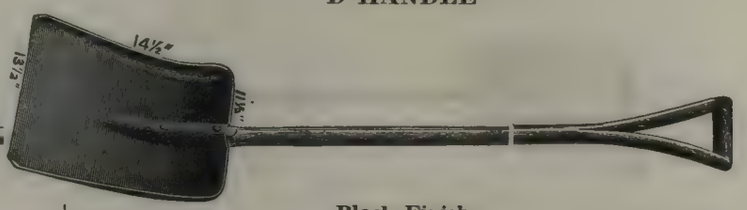
Black Finish.

Per Dozen

No. 143—13½x14½ in. Heavy Steel Blade.....**$5.90**

Weight Per Dozen About 60 Pounds.
One Dozen in a Box.

D HANDLE



Black Finish.

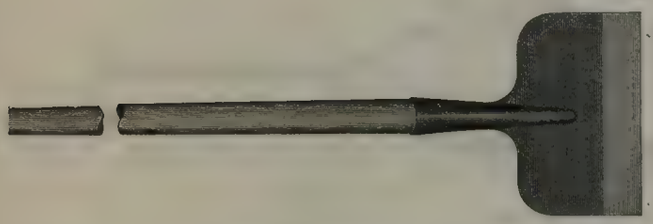
Per Dozen

No. 144—13½x14½ in. Heavy Steel Blade.....**$6.50**

The D Handle is the same length as the Long Handle only with a D Grip.

Weight Per Dozen About 60 Pounds.
One Dozen in a Bundle.

Sidewalk Cleaners.



4½ ft. Long Handle.

Per Dozen

No. 7¾—7¾ in., One Piece Wrought Steel Socket Shank **$4.00**

Weight Per Dozen About 30 Pounds.
One Dozen in a Bundle.

4½ ft. Long Handle.

Per Dozen

No. 20—7 in. Steel Blade, Solid Shank.....**$6.70**

Weight Per Dozen About 37 Pounds.
One Dozen in a Bundle.

Sidewalk Cleaners.

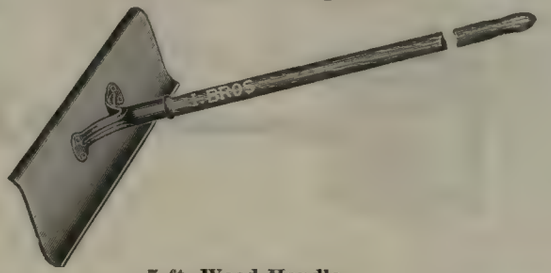
Smooth Heavy Ash Handle.

Per Dozen

No. SW7—7x5 in. High Carbon Steel Blade, Heavy Socket and Blade Holder.....**$5 50**

Weight Per Dozen About 40 Pounds.
One Dozen in a Bundle.

Sidewalk Scrapers.



5 ft. Wood Handle.

Per Dozen

No. 200—7x18 in. Japanned Steel Blade, Malleable Iron Socket **$12.80**

For Removing Snow, Slush and Mud from Walks, also used for Cleaning Stables, etc.

Weight Per Dozen About 60 Pounds.
One-quarter Dozen in a Bundle.

Post Hole Diggers.

EUREKA

Cast Steel Blades. Per Dozen
Eureka—5 ft. Long, Split Wood Handles.....$16.15

Weight Per Dozen About 110 Pounds.

Per Dozen Pairs
Extra Handles $5.60

ATLAS

Cast Steel Blades. Per Dozen
Atlas—5 ft. Long, Malleable Iron Trimmings, Wood Handles $18.90

Weight Per Dozen About 120 Pounds.

Per Dozen Pairs
Extra Handles $5.60

HEXAGON

9 in. Cast Steel Blades. Per Dozen
Hexagon—4 ft. 10 in. Long, Malleable Iron Trimmings, Wood Handles $18.90

Weight Per Dozen About 120 Pounds.

One-third Dozen in a Bundle.

AETNA

9 in. Cast Steel Blades. Per Dozen
Aetna—4 ft. 10 in. Long, Malleable Iron Trimmings, Wood Handles $21.35

Weight Per Dozen About 145 Pounds.

One-quarter Dozen in a Bundle.

KOHLER'S UNIVERSAL

Cast Steel Blades.

Per Dozen
Kohler's Universal—4 ft. 10 in. Long, Wood Handles..$29.00

Weight Per Dozen About 160 Pounds.

One-quarter Dozen in a Bundle.

IWAN'S GIBB'S PATTERN

Cut Showing Digger Open.

Cut Showing Digger Closed.

Cast Steel Blades. Per Dozen
Iwan's Gibbs Pattern—5 ft. 2 in. Long, Malleable Iron Trimmings, Wood Handles $26.65

This Digger, on account of its open construction is exceptionally well suited for digging in Stony Grounds and likewise in ground where all other closed Diggers can be used.

Weight Per Dozen About 115 Pounds.

One-sixth Dozen in a Bundle.

Post Hole Augers.

IWAN'S IMPROVED

Crucible Steel Blades, Tempered and Polished, Malleable Iron Arch, Hollow Iron Pipe Handle, Wood Cross Piece.

Size, Inches	3	4	5	6	7
Ap. Weight Per Dozen, Lbs.	84	90	96	100	108
Per Dozen	$35.35	35.35	35.35	35.35	38.15
Size, Inches	8	9	10	12	14
Ap. Weight Per Dozen, Lbs.	112	118	122	260	300
Per Dozen	$38.15	40.40	45.45	121.10	151.50

The Pipe furnished for extending the Length of the Handle is common Black Pipe, with plain Threaded Couplings, and where deep holes are required, Longer Pipe can be attached.

One-quarter Dozen in a Bundle.

Post Hole Augers.

Hall's Ideal.

HALL'S IDEAL

Steel Blades.

Fine Cutting Auger Point, Hollow Tube, Wood Handle.

Size, Inches	4	5	6	7
Ap. Wt. Per Dozen, Lbs.	90	95	110	115
Per Dozen	$35.60	35.60	35.60	38.50

Size, Inches	8	9	10	12
Ap. Wt. Per Dozen, Lbs.	125	135	150	280
Per Dozen	$38.50	40.50	45.50	121.60

FENN'S ADJUSTABLE

Adjustable Steel Blades.

Double Bolted Malleable Iron Socket, Hardwood Standard, Hardwood Cross Handle.

Size, Inches	4	6	7	8	9
Ap. Wt. Doz., Lbs..	85	100	110	120	125
Per Dozen	$35.50	38.00	38.00	40.50	40.50

One-quarter Dozen in a Bundle.

Fenn's Adjustable.

Fenn's Adjustable.

FENN'S ADJUSTABLE

Adjustable Steel Blades.

Double Bolted Malleable Iron Socket, GALVANIZED PIPE STANDARD, Hardwood Handle.

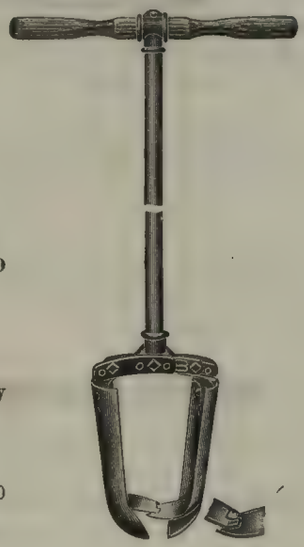
Size, Inches	4	6	7	8	9
Ap. Wt. Per Dozen, Lbs.	85	100	110	120	125
Per Dozen	$35.50	38.00	38.00	40.50	40.50

WESTERN

High Carbon Shovel Steel Blades.

Blades Have Two Cutting Edges, Notched at Point so that they Interlock or Lock Hinge, Strong Malleable Iron Arch, Adjustable by Loosening the Bolts in Same, Gas Pipe Standard, Wood Handle.

Nos.	1	2	3
Will Bore Holes, Inches....	5 and 6	6, 7 and 8	8, 9 and 10
Ap. Wt. Per Dozen, Lbs....	100	125	150
Per Dozen	$35.50	38.00	40.50



Western.

Digwell.

DIGWELL

Tool Steel Blades.

Malleable Iron Castings, 1 in. Wrought Iron Tube, 34 in. Long, Wood Handle.

Size, Inches	7	8	9
Ap. Weight Per Dozen, Lbs....	108	120	128
Per Dozen	$28.90	28.90	28.90

VAUGHAN'S

Solid Cast Steel Blades.

Spring Tempered, Hollow Malleable Iron Top, without Handle.

Size, Inches	4	5	6	7	8	9
Ap. Wt. Doz., Lbs.	50	55	60	62	64	66
Per Dozen	$14.50	14.50	14.50	14.50	14.50	14.50

One-half Dozen in a Bundle.

Vaughan's.

Wire Stretchers.

IMPROVED JUMBO

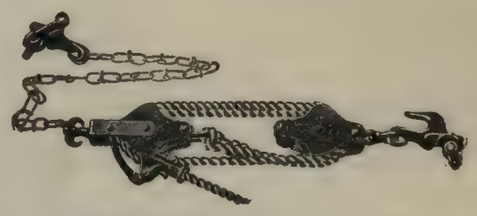
Combined Wire Stretcher and Safety Hoist.

Per Dozen

Improved Jumbo—Capacity 1500 Lbs., One End Fitted with Post Chain and Wire Eccentric, and Other End with Wire Eccentric and Hook for Hoisting, Steel Pulleys, Self-Operating Clamp that Holds the Rope Firm at any Point, Complete with ½ in. Pure Manila Rope, Double Block, Neatly Painted $22.65

Weight Per Dozen About 75 Pounds.

CHAMPION



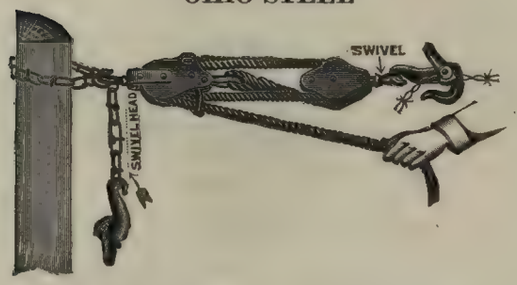
Combined Wire Stretcher and Hoist.

Per Dozen

Champion—Capacity 1500 Lbs., Steel and Malleable Iron Construction, 3 in. Diameter Sheave, Automatic Rope Lock, New Design Double Eccentric Wire Grip, Double Swivel, Finished in Bright Red, Complete with Best Quality ½ in. Rope.. $26.65

Weight Per Dozen About 90 Pounds.

OHIO STEEL



Combined Wire Stretcher and Tackle Block.

Per Dozen

Ohio—Steel and Malleable Iron Construction, Double Swivels, Extra Heavy Bearings, Strong Full Length Chains, Automatic Direct Acting Locking Device, Finished in Bright Red, Complete with Best Quality ⅜ in. Rope..... $14.50

Weight Per Dozen About 60 Pounds.

NEY'S ROYAL BLUE

ROLLER BEARING, Combined Wire Stretcher, Tackle Block and Hoist.

Per Dozen

Ney's Royal Blue—Best Grade Steel and Malleable Iron, Large Sheaves, Each Revolving on Ten Hardened Steel Roller Bearings, Positive Wire Grasps, Double Swivel, Finished in Bright Blue, Complete with 16 ft. of Best Quality ⅜ in. Rope $16.70

Weight Per Dozen About 70 Pounds.

ELLWOOD

Lever Wire Stretcher.

Per Dozen

Ellwood—Flat Steel Bar, Double Ratchet, Extension Rod, Finished in Aluminum Bronze..... $11.15

Weight Per Dozen About 70 Pounds.

Eccentrics.

No. 1.

No. 2.

For Any Wire Stretcher.

Per Dozen

No. 1—Without Hook $2.15
No. 2—With Hook 2.80

Weight Per Dozen About 6 Pounds.

Fence Ratchets.

ACME

Steel Frame and Lock.

Per 100

Acme—Extra Large Reel, for Holding Wire, Tension may be Increased or Slackened with Ease from Either Side of the Fence..... $8.90

Weight Per Dozen About 10 Pounds.

Wire Fence Stretchers.

FRANKLIN

Woven Wire Field Fence Stretcher.

	Each
Franklin—Hardwood Clamping Bars, Extra Heavy Steel Chain, Self-Locking, Locks at Every Point, Quick Acting, no Side Draft, Pulls Direct from Center	$8.40

Weight Each About 35 Pounds.

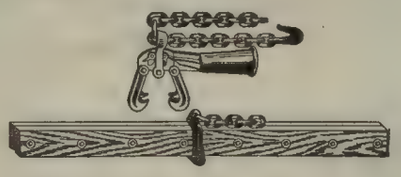
DILLON

Combined Wire Fence Stretcher and Hoist.

	Each
Dillon—Malleable Iron and Steel, with Handle Attached, 5 ft. Hardwood Clamp, 8½ ft. BB Proof Tested Chain, Capacity 5000 Lbs	$8.40

Weight Each About 47 Pounds.

LOTT'S



Woven Wire Field Fence Stretcher.

	Each
Lott's—Hardwood Bars, 67 in. High, Held Together with Nine ½x5 in. Machine Bolts, Malleable Iron Hooks, 8 ft. Heavy Chain	$8.40

This is the only Stretcher which will stretch fencing with absolute tension and without damage.

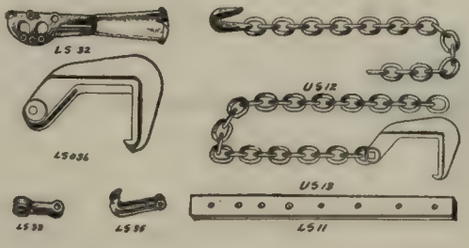
Weight Each About 85 Pounds.

REPAIRS FOR DILLON

	Each
No. 1—Ratchet	$0.35
No. 2—Ratchet	.35
No. 3—Handle	.50
No. 4—Clevis with Thread	.15
No. 5—Chain	1.00
No. 6—Frame	.50
No. 7—Clevis	.15
No. 8—Dog, Right	.15
No. 9—Dog, Left	.15
No. 10—Chain Sprocket	.25
No. 11—Bolt	.10
No. 12—Plow Bolt	.15
No. 13—Lower Eye of Frame	.15
Clamp (Complete with Bolts)	.75

REPAIRS FOR LOTT'S

Discount on Application.



	Each
No. LS32—Head	$1.35
No. LS33—Clevis	.28
No. LS35—Dog	.50
No. LS036—Chain Hook	.80
No. US12—Post Chain	2.60
No. US13—Stretching Chain	5.30
No. LS11—Steel Lined Clamp	2.70

Repairs not Carried in Stock, Shipped F. O. B. Factory.

Barbed Wire Lifters.

STAR

Japanned.

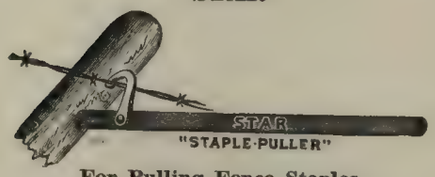
Per Dozen

No. 33—36 in. Long, Best Malleable Iron, Indispensable for Handling Barbed Wire.....**$14.50**

Weight Per Dozen About 48 Pounds.

Staple Pullers.

STAR



For Pulling Fence Staples.

Per Dozen

No. 10—Solid Steel Lever and Claw.....**$8.90**

Weight Per Dozen About 19 Pounds.

One-half Dozen in a Bundle.

MARSHALLTOWN

For Pulling Fence Staples.

Per Dozen

No. 15—9½ in. Long, ½ in. Octagon Crucible Steel..**$3.90**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box.

Combination Fence Pliers.

Forged High Grade Steel.

Per Dozen

No. E1909—, 10¼ in. Long, Carefully Tempered, Scored Gun Metal Handles, Polished Jaws, Combining Wire Cutter, Hammer, Nail Puller, Staple Puller, Wire Splicer and Wire Stretcher.....**$17.80**

Weight Per Dozen About 20½ Pounds.

One-half Dozen in a Box.

BLACK BULL

Forged Tool Steel.

Per Dozen

No. 1900—10 in. Long, Royal Blue Finish Handles, Full Polished Head, Combining Wire Cutter, Hammer, Nail Puller, Staple Puller, Single and Double Wire Splicer and Wire Stretcher.....**$17.80**

Weight Per Dozen About 25 Pounds.

One-half Dozen in a Box.

CHAMPION

Special Drop Forged Steel.

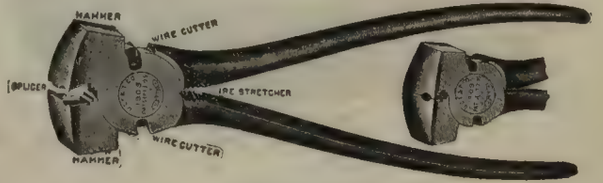
Per Dozen

No. 650—10 in. Long, Extra Fine Blue Finish Handles, Polished Head, Combining Wire Cutter, Hammer, Nail Puller, Staple Puller, Wire Splicer and Wire Stretcher.....**$17.25**

Weight Per Dozen About 24 Pounds.

One-half Dozen in a Box.

UTICA



Forged Steel.

Per Dozen

No. 19—10 in. Long, Black Finish Handles, Polished Jaws, Combining Wire Cutter, Hammer, Nail Puller, Staple Puller, Wire Splicer and Wire Stretcher.....**$9.10**

Weight Per Dozen About 20½ Pounds.

One-half Dozen in a Box.

Barbed Fence Wire.

Write for Market Prices.

AMERICAN GLIDDEN

Hog, Barbs 3 in. Apart. — Per Pound

2 Point, Galvanized ..... $.....

Weight About 1¼ Pounds Per Rod.

Cattle, Barbs 5 in. Apart. — Per Pound

2 Point, Galvanized ..... $.....

Weight About 1 Pound Per Rod.
100 to 110 Pounds on a Spool.

80 RODS ON A SPOOL.

Hog, Barbs 3 in. Apart. — Per Spool

2 Point, Galvanized ..... $.....

Cattle, Barbs 5 in. Apart. — Per Spool

2 Point, Galvanized ..... $.....

ELLWOOD GLIDDEN

Hog, Barbs 3 in. Apart. — Per Pound

2 Point, Galvanized ..... $.....

Cattle, Barbs 5 in. Apart. — Per Pound

2 Point, Galvanized ..... $.....

Weight About 1 Pound Per Rod.
108 to 110 Pounds on a Spool.

ELLWOOD JUNIOR

Hog, Barbs 3 in. Apart. — Per Pound

2 Point, Galvanized ..... $.....

Weight About 1¼ Pounds Per Rod.

Cattle, Barbs 5 in. Apart. — Per Pound

2 Point, Galvanized ..... $.....

Weight About 1 Pound Per Rod.
100 to 110 Pounds on a Spool.

AMERICAN SPECIAL

80 RODS ON A SPOOL.

Hog, Barbs 3 in. Apart. — Per Spool

2 Point, Galvanized ..... $.....

Cattle, Barbs 5 in. Apart. — Per Spool

2 Point, Galvanized ..... $.....

The American Special Barbed Wire is made on the well known Glidden Type, special attention being given to the uniform spacing of Barbs. Strands are made of No. 14 Wire, Barbs of No. 16.

Twisted Wire.

Per 100 Lbs.

2 Strand, Galvanized, No. 12 Wire ..... $.....

Weight About ¾ Pound Per Rod.
100 to 115 Pounds on a Spool.

Plain Fence Wire.

Black Annealed.

Nos.	**3**	**4**	**5**	**6**	**7**	**8**	**9**
Per 100 Lbs.	$....	....	....	....	....	....	....
Nos.	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Per 100 Lbs.	$....	....	....	....	....	....	....

Galvanized.

Nos.	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Per 100 Lbs.	$....	....	....	....	....	....	....	....
Nos.	**11**	**12**	**12½**	**13**	**14**	**15**	**16**	**18**
Per 100 Lbs.	$....	....	....	....	....	....	....	....

Average Weight Per Bundle About 100 Pounds.

Fence Staples.

Polished.

Length, Inches	**1**	**1⅛**	**1¼**
Per Pound	$....	....	....
Length, Inches	**1½**	**1¾**	**2**
Per Pound	$....	....	....

Galvanized.

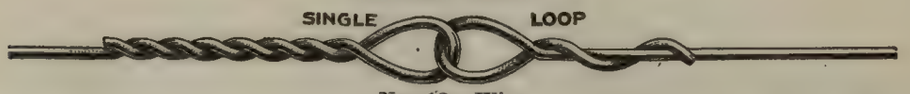
Length, Inches	**1**	**1⅛**	**1¼**
Per Pound	$....	....	....
Length, Inches	**1½**	**1¾**	**2**
Per Pound	$....	....	....

100 Pounds in a Keg.

Bale Ties.

Write for Discount.

SINGLE LOOP



No. 13—Wire.

Length, Feet	7	7¼	7½	7¾	8	8¼	8½	8¾	9	9¼	9½	9¾	10
Ap. Weight Per Bundle, Lbs.	41.4	42.8	44.2	45.6	47.0	48.4	49.8	51.2	52.6	54.0	55.4	56.8	58.2
Per Bundle	$5.90	6.09	6.27	6.45	6.63	6.81	6.99	7.17	7.35	7.54	7.72	7.90	8.08

No. 14—Wire.

Length, Feet	7	7¼	7½	7¾	8	8¼	8½	8¾	9	9¼	9½	9¾	10
Ap. Weight Per Bundle, Lbs.	31.3	32.4	33.4	34.5	35.6	36.6	37.7	38.8	39.8	40.9	42.0	43.0	44.1
Per Bundle	$4.82	4.97	5.10	5.26	5.40	5.54	5.69	5.84	5.97	6.13	6.28	6.41	6.56

No. 15—Wire.

Length, Feet	7	7¼	7½	7¾	8	8¼	8½	8¾	9	9¼	9½	9¾	10
Ap. Weight Per Bundle, Lbs.	25.4	26.2	27.1	28.0	28.8	29.7	30.5	31.4	32.3	33.1	34.0	34.9	35.7
Per Bundle	$4.19	4.31	4.44	4.56	4.68	4.81	4.92	5.05	5.18	5.29	5.42	5.55	5.67

For Baling or Bundling Hay, Straw, Flax, Tow, Excelsior, Broom Corn, Wool, Cotton, Cotton Seed Hulls, Rags, Paper, Lintels, Shavings, Sawdust, Leather, Headings, Staves, Etc., Etc. For Use in any Kind of Press.

250 Ties in a Bundle.

Drawn Special Steel Wire.

For Manure Carriers.

Per Foot

No. 4-0—$\frac{13}{32}$ in. Diameter **$0.06**

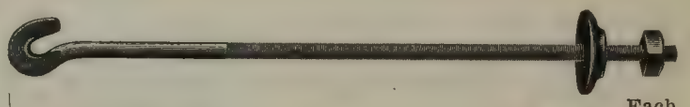
350 to 450 Feet in a Coil.

Special Lengths Furnished to Order.

Tension Bolts.

Each

No. 58—⅝ in. Diameter, 24 in. Long, with Eye on One End, 16 in. Thread and Nut on the Other.... **$0.75**



Each

No. 78—⅞ in. Diameter, 30 in. Long, with Hook on One End, 18 in. Thread and Nut on the Other. **$1.15**

These Bolts are Used in Connection with the Drawn Special Steel Wire Used for Manure Carriers.

Box Strapping.

TWISTED WIRE

Two Wires Twisted.

Per 100 Feet

No. 10—Japanned, with Nail Holes at Intervals..... **$0.56**

The Openings for nails are perfectly in line, so there is no trouble experienced in nailing the wire on the cases.

Weight Per Reel About 28 Pounds.

1000 Feet on a Wood Reel.

FLAT WIRE

Flat Strap.

Per 100 Feet

No. 5—¼ in. Wide, with Nail Holes at Intervals..... **$0.56**

Weight Per Reel About 29 Pounds.

1000 Feet on a Wood Reel.

TROJAN, SELF-MEASURING

On Reels of 300 ft. in One Length.

Per Reel

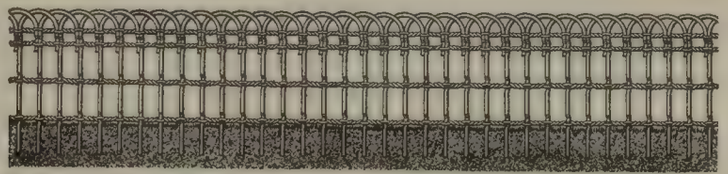
No. 15—½ in. Wide..... **$1.70**
No. 20—⅝ in. Wide..... **1.90**

The Self-Measuring Feature consists of a bar at intervals of every 12 inches, enabling the packer to determine the exact length of strap required by counting the bars.

Weight Per Reel About 8 Pounds.

300 Feet on a Reel.

Flower Bed and Lawn Border.



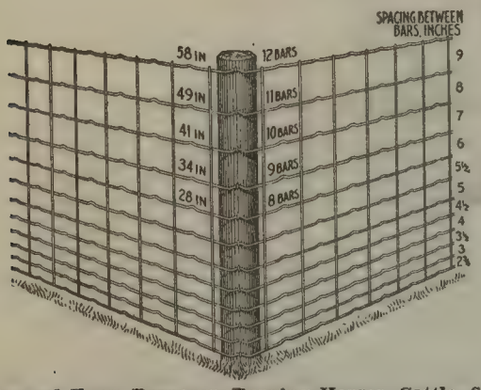
No. 9 Galvanized Uprights, Spaced 2⅞ in. Apart, No. 13 Galvanized Wire Cables.

Extreme Height, Inches	16	22
Number of Cables	3	4
Per Running Foot	$0.08	.09

Ten Rods in a Roll.

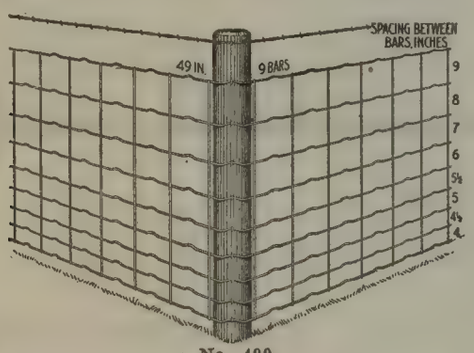
"Pittsburgh Perfect" Fence.

FARM FENCE



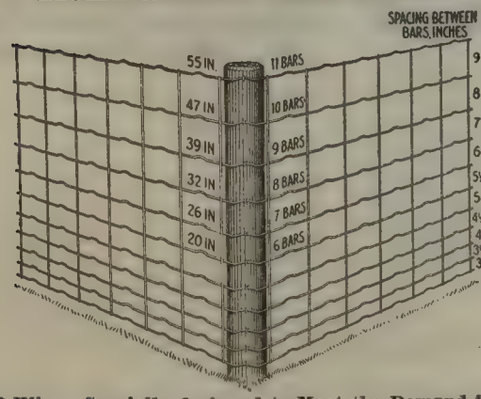
For General Farm Purposes, Turning Horses, Cattle, Sheep and Hogs. Stays 12 or 6 inches Apart.

Style No.	Height in Inches	Inches bet. Stays	Regular Fence No. 11 Wire		Jumbo Fence No. 9 Wire	
			Approx. Weight per Rod	Per Rod	Approx. Weight Per Rod	Per Rod
5812	58	12	11.5	$1.03	16.4	$1.42
4911	49	12	10.4	.93	14.7	1.29
4110	41	12	9.3	.84	13.1	1.15
349	34	12	8.3	.75	11.6	1.01
288	28	12	7.3	.66	10.2	.88
5812	58	6	14.7	1.34	21.3	1.99
4911	49	6	13.1	1.21	18.9	1.77
4110	41	6	11.6	1.07	16.6	1.56
349	34	6	10.2	.96	14.5	1.37
288	28	6	9.0	.85	12.6	1.19



No. 499.

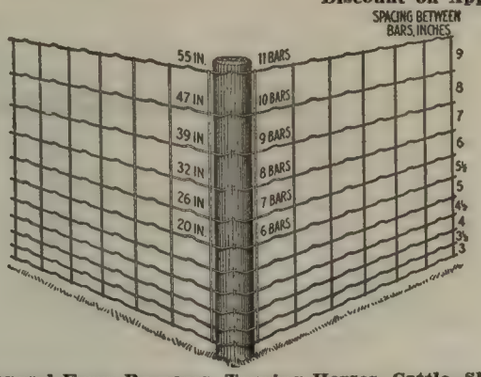
LIGHT WEIGHT FARM FENCE



No. 12 Wire. Specially designed to Meet the Demand in Certain Sections for a Light Weight, General Farm Fence of Low Price. Made of High Quality Open Hearth Wire, Double Galvanized. Six Heights. Stays 12, 9 or 6 inches Apart.

Style No.	Height in Inches	Inches bet. Stays	Approx. Weight per Rod.	Per Rod.	Inches bet. Stays	Approx. Weight per Rod.	Per Rod	Inches bet. Stays	Approx. Weight per Rod.	Per Rod
5711	55	12	8.3	$0.77	9	9.1	$0.91	6	10.7	$1.05
4710	47	12	7.5	.69	9	8.2	.81	6	9.5	.93
399	39	12	6.7	.62	9	7.3	.72	6	8.4	.82
328	32	12	5.9	.55	9	6.4	.64	6	7.3	.72
267	26	12	5.2	.48	9	5.6	.56	6	6.3	.58
206	20	12	4.5	.42	9	4.8	.48	6	5.4	.54

Discount on Application



For General Farm Purposes, Turning Horses, Cattle, Sheep and Hogs. Stays 12 or 6 inches Apart.

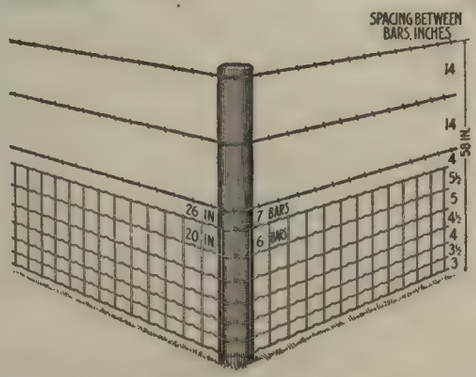
Style No.	Height in Inches	Inches bet. Stays	Regular Fence No. 11 Wire					Jumbo Fence No. 9 Wire		
			Approx. Weight per Rod.	Per Rod.	Inches bet. Stays	Approx. Weight per Rod.	Per Rod.	Inches bet. Stays	Approx. Weight per Rod.	Per Rod.
5511	55	12	10.7	$0.95	9	11.7	$1.10	12	15.2	$1.32
4710	47	12	9.7	.85	9	10.5	.99	12	13.6	1.19
399	39	12	8.6	.76	9	9.3	.87	12	12.0	1.05
328	32	12	7.6	.67	9	8.2	.77	12	10.5	.91
267	26	12	6.6	.59	9	7.1	.67	12	9.0	.79
206	20	12	5.7	.49	9	6.1	.57	12	7.6	.66
5511	55	6	13.8	1.25	Styles of General Farm Fence listed here are now made with stays 9 inches apart [Regular Wt. only]. as well as 12 and 6 inches apart.			6	19.8	1.84
4710	47	6	12.3	1.12				6	17.6	1.64
399	39	6	10.8	.98				6	15.3	1.43
328	32	6	9.4	.87				6	13.2	1.24
267	26	6	8.1	.75				6	11.3	1.06
206	20	6	6.8	.65				6	9.4	.90

FARM FENCE

Bars Horses, Cattle, Sheep, Half and Full-Grown Hogs, But Not Suited to Small Pigs. One Height. Stays 12 or 6 inches Apart.

Style No.	Height in Inches	Inches bet. Stays	Regular Fence No. 11 Wire		Jumbo Fence No. 9 Wire	
			Approx. Weight per Rod	Per Rod	Approx. Weight per Rod	Per Rod
499	49	12	9.1	$0.82	12.8	$1.11
499	49	6	11.8	1.06	17.0	1.55

SPECIAL HOG FENCE

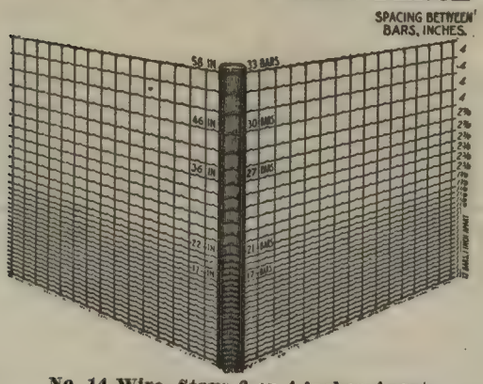


Very Effective and Economical Hog Fencing. Barbed Wire Above Bars Cattle—A Good Plan to Follow with All Fences Under 58 inches High.

Style No.	Height in Inches	Inches bet. Stays	Regular Fence No. 11 Wire		Jumbo Fence No. 9 Wire	
			Approx. Weight per Rod	Per Rod	Per Rod	Approx. Weight per Rod
267	26	12	6.6	$0.59	9.0	$0.79
206	20	12	5.7	.49	7.6	.66
267	26	9	7.1	.67	Regular Fence now made with stays 12, 9 or 6 inches apart.	
206	20	9	6.1	.57		
267	26	6	8.1	.75	11.3	1.06
206	20	6	6.8	.65	9.4	.90

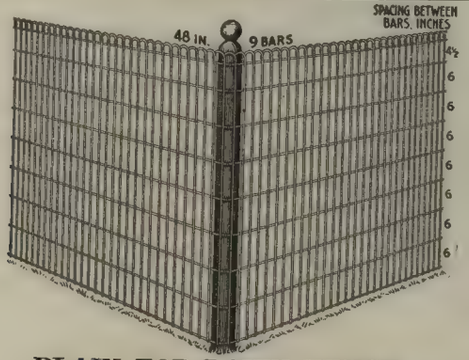
"Pittsburgh Perfect" Fence.

CHICKEN AND RABBIT FENCE

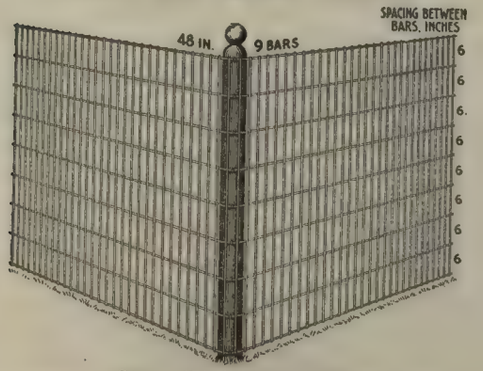


No. 14 Wire, Stays 6 or 4 inches Apart.

Style No.	Height in Inches.	In. Bet. Stays.	Price per lineal or running foot.	Weight of 150-ft. roll	Price of 150-ft. roll	Weight of 300-ft. roll	Price of 300-ft. roll
5833	58	6	$0.09½	112	$14.25	225	$28.50
4630	46	6	.08½	99	12.75	198	25.50
3627	36	6	.07½	87	11.25	174	22.50
2221	22	6	.05¾	66	8.62	132	17.24
1717	17	6	.04¾	54	7.12	108	14.24
5833	58	4	.10½	124	15.75	249	31.50
4630	46	4	.09¼	109	13.87	219	27.74
3627	36	4	.08¼	96	12.37	192	24.74
2221	22	4	.06¼	70	9.37	141	18.74
1717	17	4	.05	57	7.50	114	15.00



PLAIN TOP LAWN FENCE



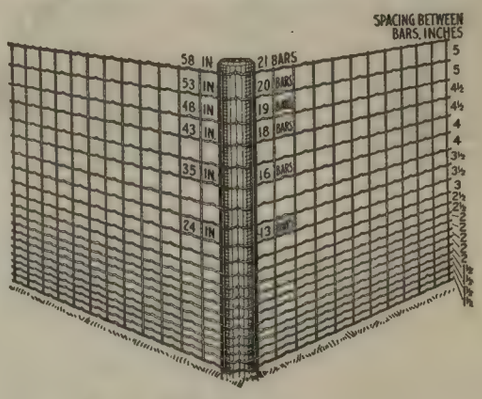
Stays 1⅞ inches Apart.

Style No.	Height in Inches	Number of Bars	Inches Between Stays	No. 9 Lawn Fence Made of All No. 9 Wire: Weight Per 100 Feet	No. 9 Lawn Fence Made of All No. 9 Wire: List Price Per Lineal or Running Foot	No. 11 Lawn Fence Made of All No. 11 Wire: Weight Per 100 Feet	No. 11 Lawn Fence Made of All No. 11 Wire: List Price Per Lineal or Running Foot
245	24	5	1⅞	106	$0.16	70	$0.10
306	30	6	1⅞	129	.18	86	.11
367	36	7	1⅞	153	.21	100	.13
428	42	8	1⅞	176	.24	116	.15
489	48	9	1⅞	200	.26	132	.16

Non-Climbable. Made Either of All No. 9 or all No. 11 Wire—Five Heights. Picket Wires Spaced 1⅞ inches Apart. Plain Top.

Discount on Application

POULTRY AND RABBIT FENCE



No. 13 Wire, Stays 6 in. Apart.

Style No.	Height in. Inches	Inches bet. Stays.	Approx. Wt. per Rod.	Price per Rod.
5821	58	6	12.0	$1.19
5320	53	6	11.3	1.13
4819	48	6	10.6	1.07
4318	43	6	9.9	1.01
3516	35	6	8.7	.89
2413	24	6	6.9	.72

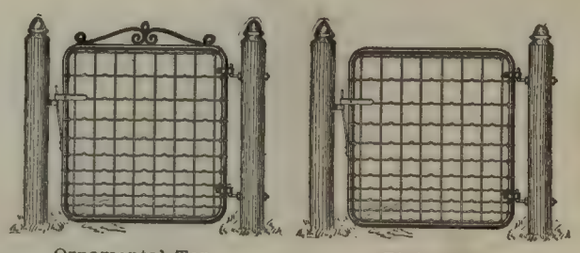
ORNAMENTAL LAWN FENCE

No. 9 Wire, Stays 1⅞ inches Apart.

Style No.	Height in Inches	No. of Bars	Inches bet. Stays	Weight Per 100 Feet Lbs.	List Price per Lineal or Running Foot
245xx	24	5	1⅞	112	$0.20
306xx	30	6	1⅞	135	.22
367xx	36	7	1⅞	158	.24
428xx	42	8	1⅞	182	.26
480xx	48	9	1⅞	205	.28

A Non-Climbable Fence of Great Strength and Durability. Made Entirely of No. 9 Wire. Five Heights. Picket Wires Spaced 1⅞ inches Apart. Ornamental Top.

Walk Gates.



Ornamental Top. Plain Top.

Electrically Welded Pipe Frame Construction, Steel Tubing, Electrically Welded Joints Producing a One-Piece Continuous Frame of Great Strength, Rigidity and Durability.

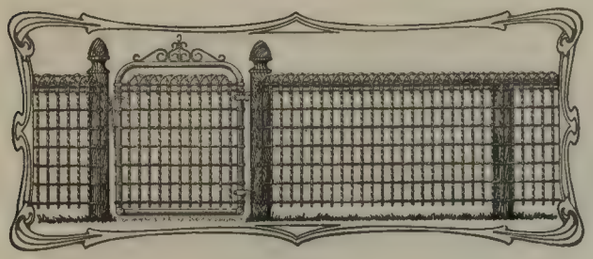
Size Ft. In.	Approx. Weight	Each: Plain Top	Each: Ornamental Top	Size Ft. In.	Approx. Weight	Each: Plain Top	Each: Ornamental Top
3x34	19	$2.25	$2.75	4x50	26	$2.85	$3.35
3x42	22	2.40	2.90	4x58	28	3.00	3.50
3x50	24	2.60	3.10	5x34	34	3.60	4.10
3x58	26	2.80	3.30	5x42	37	3.80	4.30
4x34	22	2.40	2.90	5x50	40	4.05	4.55
4x42	25	2.60	3.10	5x58	46	4.30	4.80

When ordering, specify whether Ornamental Top or Plain Top is desired. Walk gates made only in those heights and widths enumerated above.

Unless otherwise ordered, all gates will be covered with "Jumbo" (all No. 9 wire) Farm Fence, stays 6 inches apart.

For Walk Gates covered with Lawn Fence, Plain or Ornamental Top, add 50 cents to net price. We cannot cover with Lawn Fence Gates over 50 inches high.

Lawn Fencing.

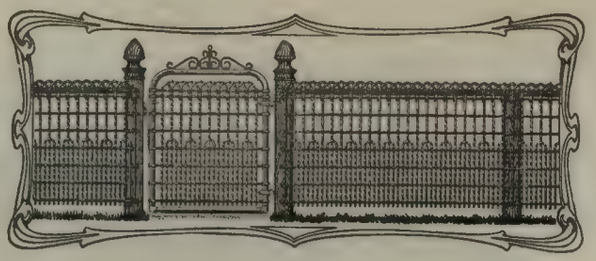


Full Crimp.

Style X—No. 9 Heavy Galvanized Upright Wires, Spaced 2⅞ in. Apart, Heavy Galvanized Wire Cables, Spaced 6 in. Apart, Except the Two Top Cables which are Spaced 2½ in. Apart.

Height, Inches	30	36	42	48
Number of Cables	6	7	8	9
Per Running Foot	$0.11½	.13	.13½	.15

Twenty Rods in a Roll.



Full Crimp.

Style Z—No. 9 Heavy Galvanized Upright Wires, Spaced 2⅞ in. Apart, with Extra Upright of No. 9 Wire Interwoven at the Bottom, Giving a Spacing of 1⅜ in., Heavily Galvanized Wire Cables, Spaced 6 in. Apart, Except the Two Top Cables, which are Spaced 2½ in. Apart.

Height, Inches	36	42	48
Number of Cables	7	8	9
Per Running Foot	$0.15½	.17	.20

Twenty Rods in a Roll.

Walk Gates.

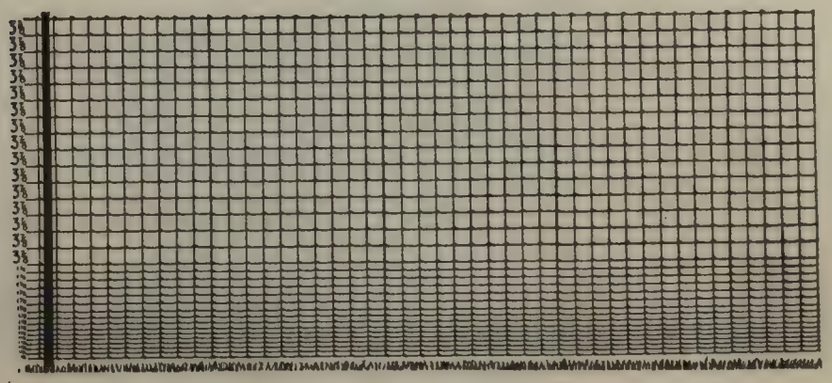
Full Crimp.

Style Z—High Grade Tubular Steel Frame, Square Malleable Corners, High Grade Malleable Iron Hinges, Spring Steel Latch, Heavy Wrought Iron Scroll Top, Furnished with Fittings for Wood Posts.

Height, Inches	36	42	48
Opening, Feet	3	3	3
Each	$3.50	3.50	3.50

Poultry Fence.

BANNER



Heavily Galvanized.

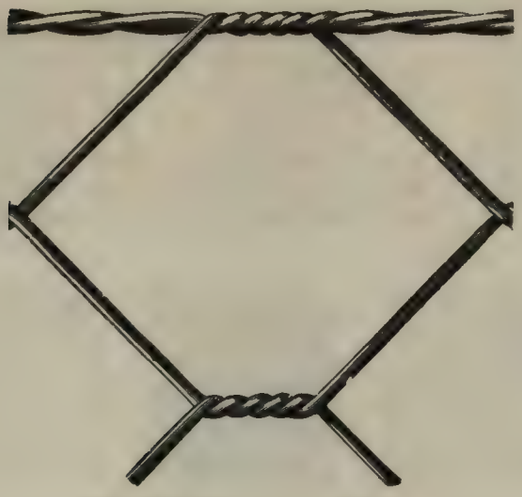
No. 15 Top and Bottom Wires, All Other Wires No. 17 Gauge Hard Steel, Spaced as Follows: 1st to 6th, Space from Bottom 1⅛ in.; 7th to 9th, 1⅜ in.; 10th to 15th, 1⅞ in.; All Above 15th, 3⅞ in.; Upright Wires 4 in. Apart.

Nos.	1012	1318	1624	1936	2248	2560	2872
Height, Inches	12	18	24	36	48	60	72
Number of Bars	10	13	16	19	22	25	28
Approx. Weight Per 10 Rod Roll, Lbs.	22	29	36	44	53	62	69
Per Rod	$0.25	.32	.40	.50	.58	.67	.80

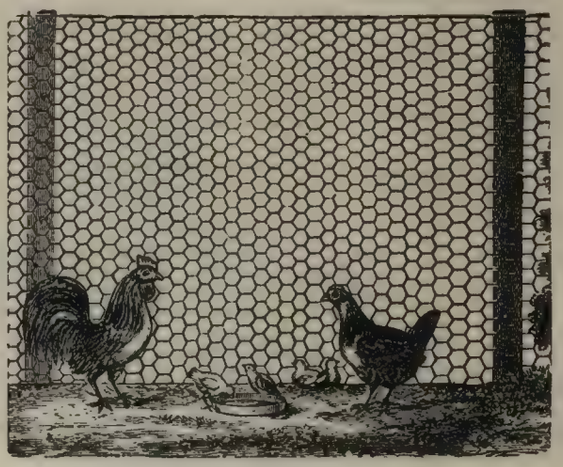
Ten Rods in a Roll.

Wire Poultry Netting.

Write for Market Prices.



Full Size Cut of 2 in. Mesh.



Cut Showing Section of Netting.

Three Strands in Each Selvedge.

1 in. Mesh—12, 18, 24, 30, 36, 42, 48, 54, 60 and 72 in. Wide.

Nos. of Wire	19	20
Per Square Foot	$0.06½	.05½

1½ in. Mesh—12, 18, 24, 30, 36, 42, 48, 54, 60 and 72 in. Wide.

No. of Wire	19
Per Square Foot	$0.03½

2 in. Mesh—12, 18, 24, 30, 36, 42, 48, 54, 60, 72, *84 and *96 in. Wide.

Nos. of Wire	16	17	18	19	20
Per Square Foot	$0.05½	.04½	.03½	.02½	.02¼

150 Lineal Feet in a Roll.

Sizes Carried in Stock.

Galvanized Before.

1 in. Mesh, No. 19 Wire, Widths 12, 18, 24, 30, 36, 48, 60 in.
1½ in. Mesh, No. 19 Wire, Widths 24, 36, 48, 60 in.
2 in. Mesh, No. 16 Wire, Widths 24, 30, 36, 42, 48, 60 in.
2 in. Mesh, No. 17 Wire, Widths 24, 30, 36, 48, 60 in.
2 in. Mesh, No. 18 Wire, Widths 24, 30, 36, 48, 60, 72 in.
2 in. Mesh, No. 19 Wire, Widths 12, 18, 24, 30, 36, 42, 48, 54, 60, 72, 84, 96 in.
2 in. Mesh, No. 20 Wire, Widths 12, 18, 24, 30, 36, 48, 60, 72 in.

Galvanized After.

1 in. Mesh, No. 20 Wire, Widths 12, 18, 24, 30, 36, 48 in.
2 in. Mesh, No. 19 Wire, Widths 12, 18, 24, 30, 36, 42, 48, 60, 72 in.

***Carried Only in 2 in. Mesh, No. 19 Wire, Galvanized Before.**

Table of Weight Per Roll.

Weights Per Roll of 150 Lineal Feet.

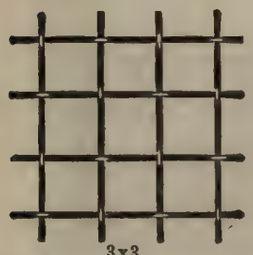
Width, Inches	12	18	24	30	36	42	48	54	60	72	84	96
No. 14—2 in. Mesh, Lbs.	53	72	93	113	133	155	173	195	209	255	292	345
No. 15—2 in. Mesh, Lbs.	43	58	85	91	106	123	138	146	167	206	240	330
No. 16—2 in. Mesh, Lbs.	32	46	57	70	82	92	102	118	127	150	173	207
No. 17—1½ in. Mesh, Lbs.	33	46	58	69	81	93	104	119	130	157	181	205
No. 17—2 in. Mesh, Lbs.	23	32	40	50	57	64	73	81	93	105	125	145
No. 18—1 in. Mesh, Lbs.	30	43	56	68	82	98	109	128	141	158	182	216
No. 18—1½ in. Mesh, Lbs.	26	37	43	54	61	70	78	91	97	111	125	139
No. 18—2 in. Mesh, Lbs.	18	24	32	41	45	50	57	62	71	84	94	115
No. 19—1 in. Mesh, Lbs.	22	33	41	51	62	72	85	94	102	122	143	177
No. 19—1½ in. Mesh, Lbs.	20	26	35	39	47	49	62	67	75	91	103½	115
No. 19—2 in. Mesh, Lbs.	13	18	23	28	33	39	43	48	52	63	73	82
No. 20—1 in. Mesh, Lbs.	18	26	31	40	49	53	61	68	75	91	104	115
No. 20—1½ in. Mesh, Lbs.	14	16	23	27	36	41	45	51	67	68	77	87
No. 20—2 in. Mesh, Lbs.	12	16	19	23	26	30	33	37	41	48	52	60

The Above Weights are Approximate.

Wire Cloth.

Full Size Mesh.

HARDWARE GRADE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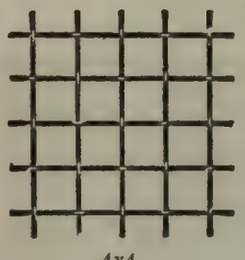
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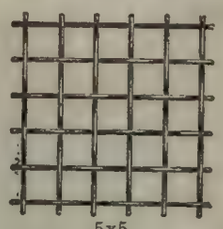
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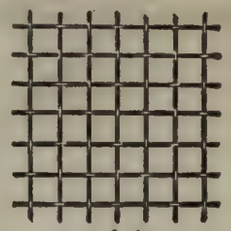
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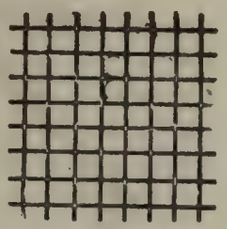
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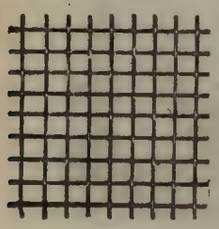
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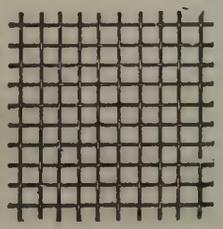
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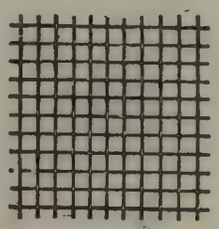
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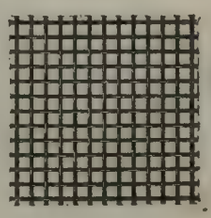
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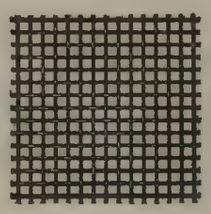
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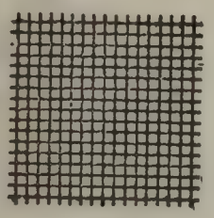

16x16

Black.

Mesh	2	3	3½	4	5	6	7	8	9	10	12	14	16	18	20
Gauge of Wire	18	20	21	22	23	24	25	26	27	28	29	33	35	36	36
Per Square Foot	$0.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.08	.08	.10	.10

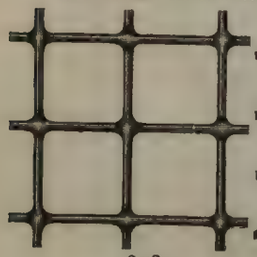
24 in. Wide, 100 Lineal Feet in a Roll.

The Meshes for Cleaning Seeds are as Follows:

For Wheat Sieve .....4x4 or 5x5
For Wheat Screen 6x6
For Corn and Oats.....2x2
For Rye and Barley.....3x3
For Cockle .....7x7, 8x8 or 9x9
For Peas 2x5
For Clover .....13x13 or 14x14
For Timothy...16x16, 18x18 or 20x20
For Cheat 3x12
For Flax 4x14
For Beans 3x3
For Buckwheat 5x5
For Mustard 16x16

The Mesh in the Wire Cloth is the Number of Squares to the Inch, and is to Measure from Center to Center of Wire.

GALVANIZED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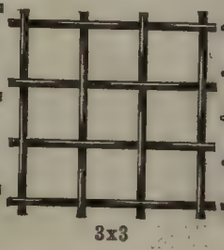
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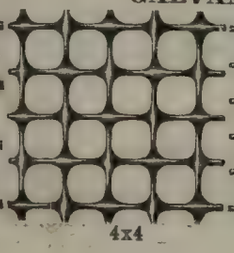
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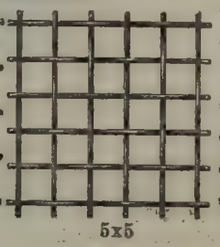
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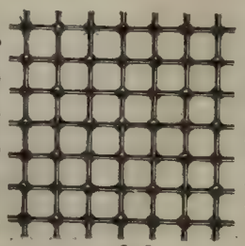
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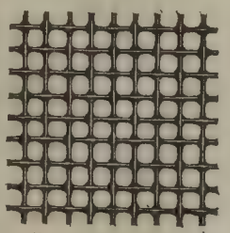
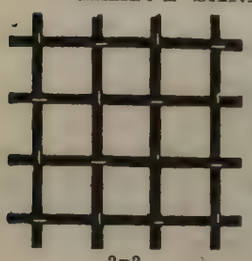

8x8

Mesh	2	3	4	5	6	8
Gauge of Wire	19	21	23	24	25	27
Per Square Foot	$0.07½	.07½	.08	.08	.08½	.09

24, 30 and 36 Inches Wide, 100 Lineal Feet in a Roll.

The Mesh in the Wire Cloth is the Number of Squares to the Inch, and is to Measure from Center to Center of Wire.

HEAVY SAND SCREEN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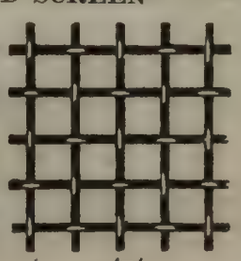

4x4

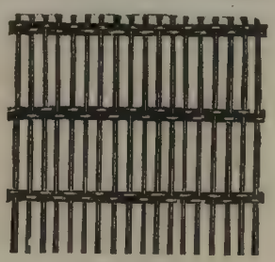
Black.

Mesh	3x3	4x4
Gauge of Wire	16	18
Width, Inches	24	24
Per Square Foot	$0.12	.12

Galvanized.

Mesh	3x3	4x4
Gauge of Wire	16	18
Width, Inches	24	24
Per Square Foot	$0.20	.20

PEA AND FLAX SCREEN



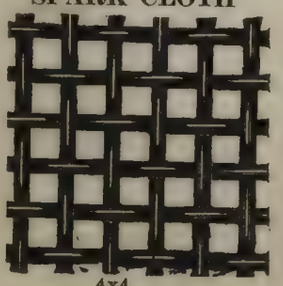
Pea Screen, Black.

Mesh	2x5
Width, Inches	24
Per Square Foot	$0.10

Flax Screen, Black.

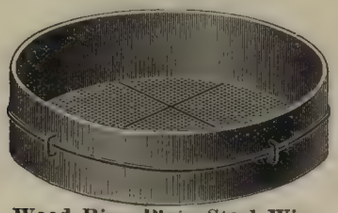
Mesh	3x12	4x14
Width, Inches	24	24
Per Square Foot	$0.10	.10

SPARK CLOTH


4x4

Mesh	4x4	5x5
Gauge of Wire	15	18
Width, Inches	36	36
Per Square Foot	$0.26	.18

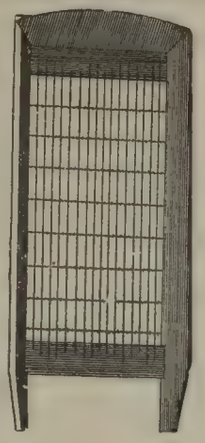
Oat Sieves.



Wood Rim, Plain Steel Wire.

Nos.	14	16
Diameter, Inches	14	16
Mesh	12	12
Ap. Weight Per Dozen, Lbs.	20	24
Per Dozen	$6.40	6.70

One Dozen in a Bundle.



Sand Screens.

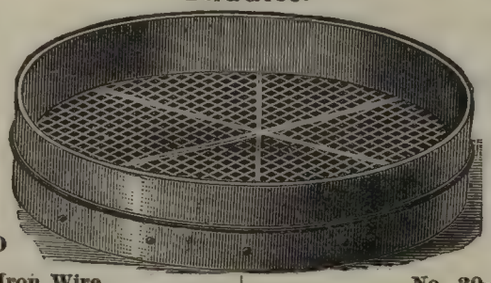
Wood Frame, Plain Steel Wire.

Each

No. 1—72 in. High, 29 in. Wide, Nos. 3, 4, 5 and 6 Mesh.....$5.60

Weight Each About 32 Pounds.

Riddles.



GRAIN OR SAND

No. 20—Heavy, Wood Rim, Iron Wire.

Mesh Nos.	2	3	4	5	6
Diameter, Inches	17	17	17	17	17
Per Dozen	$9.50	9.50	9.50	9.50	9.50
Mesh Nos.		8	9	10	12
Diameter, Inches		17	17	17	17
Per Dozen		$9.50	9.50	9.50	9.50

Weight Per Dozen About 25 Pounds.

FOUNDRY

No. 30—Wood Rim, Brass Wire.

Mesh Nos.	2	3	4	6	8
Diameter, Inches	17	17	17	17	17
Per Dozen	$17.20	17.20	17.20	17.20	17.20

No. 35—Wood Rim, Galvanized Wire.

Mesh Nos.	2	3	4	5	6	8
Diam., Inches	17	17	17	17	17	17
Per Dozen	$11.15	11.15	11.15	11.15	11.15	11.15

Weight Per Dozen About 25 Pounds.

One-half Dozen in a Bundle.

Screen Wire Cloth.

BLACK

Double Selvedge, No. 33 Wire.

Per Square Foot

Black—12 Mesh, Widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in.....$0.02½

Black—16 Mesh, Widths 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in. ..... .05

50 and 100 Lineal Feet in a Roll.

WHITE METAL FINISH

Double Selvedge, 12 Mesh, No. 33 Wire.

Per Square Foot

White Metal Finish—Widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in.....$0.04

The White Metal Finish Wire Cloth is made from steel wire, coated with pure zinc, the best known material for protecting steel wire from rust.

50 and 100 Lineal Feet in a Roll.

BRONZE

Double Selvedge, 14 Mesh, Nos. 31 and 32 Wire.

Per Square Foot

Bronze—Widths 24, 26, 28, 30, 32, 34, 36, 38, 40, 42 44, 46 and 48 in.....$0.12

50 Lineal Feet in a Roll.

Table of Weights Per Roll of Screen Wire Cloth.

Width, Inches	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Ap. Weight Per Roll, Lbs.	15	17	19	21	23	24	25	27	28	30	31	33	35	36	38	40

Screen Doors.

Four Panel, Flush Moulding, Black Wire Cloth.

No. 276—Seasoned Pine, Painted Black, Mortised and Tenoned Construction, Flush Beaded Moulding, Mitred at the Corners, 3 in. Stiles.

	Per Dozen
2 ft. 6 in. x 6 ft. 6 in., 1⅛ in. Thick	$20.25
2 ft. 8 in. x 6 ft. 8 in., 1⅛ in. Thick	21.50
2 ft. 8 in. x 6 ft. 10 in., 1⅛ in. Thick	22.00
2 ft. 8 in. x 7 ft., 1⅛ in. Thick	22.35
2 ft. 10 in. x 6 ft. 10 in., 1⅛ in. Thick	22.80
2 ft. 10 in. x 7 ft., 1⅛ in. Thick	23.10
3 ft. x 7 ft., 1⅛ in. Thick	23 60

Average Weight Per Dozen 240 Pounds.

Five Panel, Flush Moulding, Black Wire Cloth.

No. 341P—Selected Pine, Finished in the Natural Wood, with Two Coats Durable Varnish, Mortised and Tenoned Construction, Flush Beaded Moulding, Mitred at the Corners, 3 in. Stiles.

	Per Dozen
2 ft. 6 in. x 6 ft. 6 in., 1⅛ in. Thick	$28.00
2 ft. 8 in. x 6 ft. 8 in., 1⅛ in. Thick	29.50
2 ft. 8 in. x 6 ft. 10 in., 1⅛ in. Thick	29.90
2 ft. 8 in. x 7 ft., 1⅛ in. Thick	30.35
2 ft. 10 in. x 6 ft. 10 in., 1⅛ in. Thick	30.70
2 ft. 10 in. x 7 ft., 1⅛ in. Thick	31.00
3 ft. x 7 ft., 1⅛ in. Thick	31.35
2 ft. 8 in. x 7 ft. 6 in., 1⅛ in. Thick	33.00
2 ft. 10 in. x 7 ft. 6 in., 1⅛ in. Thick	33.65
3 ft. x 7 ft. 6 in., 1⅛ in. Thick	34.00
2 ft. 10 in. x 8 ft., 1⅛ in. Thick	35.00
3 ft. x 8 ft., 1⅛ in. Thick	35.35

Average Weight Per Dozen 240 Pounds.

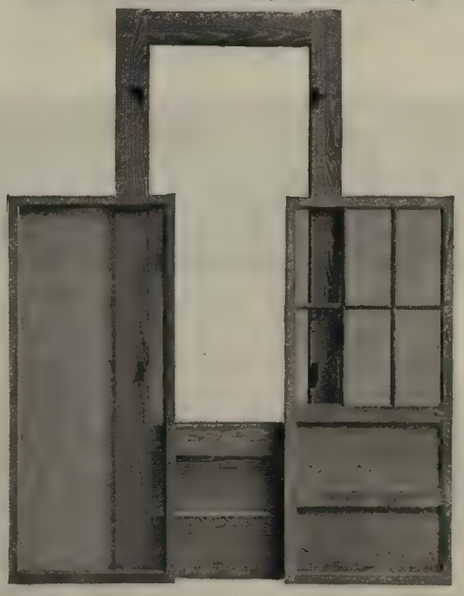
One-half Dozen in a Crate.

Screen and Storm Doors.

EASY CHANGE COMBINATION

White Pine, in the White.

No. 9—Mortised and Tenoned Construction, No. 12 Galvanized Wire on Screen Section, 1⅛x4¾ in. Stiles, 1⅛x9½ in. Bottom Rail, Complete with Screen Section.



White Pine, in the White.

No. 11—Mortised and Tenoned Construction, No. 12 Galvanized Wire on Screen Section, 1⅛x4¾ in. Stiles, 1⅛x9½ in. Bottom Rail, Complete with Screen Section.

	Each
2 ft. 6¾ in. x 6 ft. 7½ in., 1⅛ in. Thick	$8.25
2 ft. 8¾ in. x 6 ft. 9½ in., 1⅛ in. Thick	8.45
2 ft. 8¾ in. x 7 ft. 1½ in., 1⅛ in. Thick	8.70
2 ft. 10¾ in. x 6 ft. 11½ in., 1⅛ in. Thick	8.70
2 ft. 10¾ in. x 7 ft. 1½ in., 1⅛ in. Thick	8.90
3 ft. ¾ in. x 7 ft. 1½ in., 1⅛ in. Thick	8.90

Average Weight Per Dozen 260 Pounds.

	Each
2 ft. 6¾ in. x 6 ft. 7½ in., 1⅛ in. Thick	$8.45
2 ft. 8¾ in. x 6 ft. 9½ in., 1⅛ in. Thick	8.70
2 ft. 8¾ in. x 7 ft. 1½ in., 1⅛ in. Thick	8.90
2 ft. 10¾ in. x 6 ft. 11½ in., 1⅛ in. Thick	8.90
2 ft. 10¾ in. x 7 ft. 1½ in., 1⅛ in. Thick	9.15
3 ft. ¾ in. x 7 ft. 1½ in., 1⅛ in. Thick	9.15

Average Weight Per Dozen 260 Pounds.

Shipped F. O. B. Factory at Fond du Lac, Wis.

The Easy Change Combination Door is both a Screen and Storm Door in one. To change from Storm to Screen Door it is only necessary to take out the removable Storm Section and replace with Screen Sections or vice versa. Removable sections are both rabbeted to fit rabbeted opening in door which provides a double lap joint making the door dust and weather proof.

One-quarter Dozen in a Crate.

Window Screens.

METALLIC

Strong Sheet Iron Frame, Strongest White Metal Screen Cloth Riveted to Frame, Galvanized.

	Per Dozen
No. 3—18 in. High, Extends 21 to 37 in.	$ 7.55
No. 4—22 in. High, Extends 21 to 37 in.	9.40
No. 5—26 in. High, Extends 21 to 37 in.	10.00
No. 6—30 in. High, Extends 21 to 37 in.	10.65

No. 3, 22 Lbs.; No. 4, 28 Lbs.; No. 5, 33 Lbs.; No. 6, 36 Lbs. Per Dozen Approximately.

One Dozen in a Crate.

SHERWOOD STEEL

Pressed Steel All Metal Frame, Wire Cloth Securely Locked, Black Japanned.

	Per Dozen
No. 18 —18 in. High, Extends 20 to 33 in.	$ 6.25
No. 24 —24 in. High, Extends 20 to 33 in.	7.25
No. 24A—24 in. High, Extends 22 to 37 in.	8.00
No. 30 —30 in. High, Extends 22 to 37 in.	10.00
No. 30A—30 in. High, Extends 25 to 43 in.	12.00

No. 18, 27 Lbs.; No. 24, 32 Lbs.; No. 24A, 35 Lbs.; No. 30, 46 Lbs.; and No. 30A, 50 Lbs. Per Dozen Approximately.

One Dozen in a Crate.

EXTENSION

Hardwood, Oil Finish, Black Wire Cloth.

	Per Dozen
No. 933— 9 in. High, Extends 21 to 33 in.	$3.10
No. 1533—15 in. High, Extends 21 to 33 in.	4.15
No. 1833—18 in. High, Extends 21 to 33 in.	4.50
No. 2433—24 in. High, Extends 21 to 33 in.	5.35
No. 2437—24 in. High, Extends 23 to 37 in.	6.15
No. 3033—30 in. High, Extends 21 to 33 in.	7.00
No. 3037—30 in. High, Extends 23 to 37 in.	7.55

Average Weight Per Dozen About 50 Pounds.
One Dozen in a Crate.

STATIONARY

Pine Frame, Painted Black, 12 Mesh Black Wire Cloth.

Frame ⅞ or 1⅛ in. Thick, Stiles or Side Pieces and Top Rail, 2 in. Wide; Lock (or Center) Rail, 1 in. Wide; Bottom Rail, 3½ in. Wide; **Mortised and Tenoned Joints,** Edge of Wire Cloth is Covered with Beaded Moulding, Oiled, Mitered Joints.

	Per Square Foot
⅞ in. Thick, (Any Height or Width)	$0.13
1⅛ in. Thick, (Any Height or Width)	.14

In ordering these Screws, specify Size of Glass, Number of Lights and Thickness of Frame.

NOTE—F. O. B. Factory Only.

Window Screen Frames.

CONTINENTAL

No. C3636.

Selected Kiln Dried Pine.

Walnut Stain Finish, Japanned, Steel Corners and Lifts, ⅞x1¼ in. Sticks, Slide Sticks and Moulding, with Nails.

	Per Dozen
No. C3636—36x36 in., Weight Per Dozen About 55 Lbs., Two Dozen in a Crate.	$5.00
No. C3684—36x84 in., without Slide Sticks, with Cross Bar to Strengthen Center, Weight Per Dozen About 64 Lbs., One Dozen in a Crate.	7.80

SUPERIOR

No. S3636.

Selected Kiln Dried Lumber.

Walnut Stain Finish, Galvanized Steel Corners and Lifts, ⅞x1⅝ in. Sticks, Slide Sticks and Moulding, with Nails.

	Per Dozen
No. S3636—36x36 in., Weight Per Dozen About 70 Lbs., Two Dozen in a Crate.	$5.90
No. S3684—36x84 in., without Slide Sticks, with Cross Bar and Galvanized Steel Center Brackets to Strengthen Center, Weight Per Dozen About 76 Lbs., One Dozen in a Crate.	9.25

Weather Strips.

RUBBER

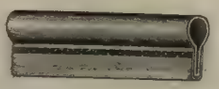
Flexible, Solid Rubber, All One Piece.

		Per 100 Feet
No. 8—	⅝ in., for Windows	$3.00
No. 9—	½ in., for Windows	3.60
No. 10—	¾ in., for Sides and Tops of Doors	4.80
No. 11—1	in., for Bottom of Doors	6.00

Weight Per 100 ft.: No. 18, 18 Pounds; No. 9, 21 Pounds; No. 10, 30 Pounds; No. 11, 55 Pounds.

50 Feet in a Box.

FELT



Cushion, All Felt, Stitched for Blind Nailing.

		Per 100 Feet
No. 19—	⅝ in., for Sides and Tops of Doors	$3.00
No. 20—	¾ in., for Bottoms of Doors	4.00

Weight Per 100 Feet About 19 Pounds.

50 Feet in a Box.

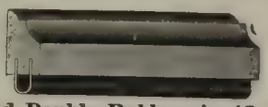
WOOD AND DOUBLE RUBBER

Wood and Double Rubber, in 12 ft. Lengths.

		Per 100 Feet
No. 0—	⅝ in. Moulding, for Windows	$1.45

Weight Per 1000 Feet About 28 Pounds.

1000 Feet in a Bundle.



Wood and Double Rubber, in 12 ft. Lengths.

		Per 100 Feet
No. 1 —	⅝ in. Moulding, for Windows, Weight Per 1000 Feet About 46 Lbs.	$1.45
No. 1½—	⅞ in. Moulding, for Sides and Tops of Doors, Weight Per 1000 Feet About 58 Lbs.	2.00

1000 Feet in a Bundle.

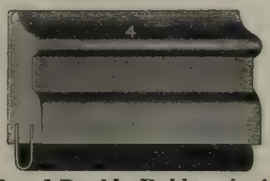
WOOD AND DOUBLE RUBBER

Wood and Double Rubber, in 12 ft. Lengths.

		Per 100 Feet
No. 2—	¾ in., for the Center of Windows	$2.25

Weight Per 1000 ft. About 46 Pounds.

500 Feet in a Bundle.



Wood and Double Rubber, in 12 ft. Lengths.

		Per 100 Feet
No. 4—	1¼ in., for Bottom of Doors	$3.00

Weight Per 1000 ft. About 44 Pounds.

500 Feet in a Bundle.

WOOD AND FELT

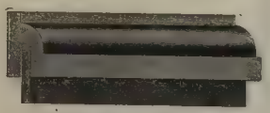
Wood and Felt, in 12 ft. Lengths.

		Per 100 Feet
No. 60—	⅜ in., for Windows	$2.25

Weight Per 1000 ft. About 35 Pounds.

500 and 1000 ft. in a Bundle.

WOOD AND FELT



Wood and Felt, in 12 ft. Lengths.

		Per 100 Feet
No. 61 —	⅝ in., for Windows, Weight Per 1000 ft. About 40 Lbs.	$2.25
No. 61½—	⅞ in., for Sides and Tops of Doors, Weight Per 1000 ft. About 45 Lbs.	3.15

No. 61, 500 and 1000 Feet; No. 61½, 500 Feet in a Bundle.

Wood and Felt, in 12 ft. Lengths.

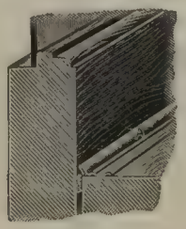
		Per 100 Feet
No. 64—	1¼ in., for Bottom of Light Doors, Weight Per 1000 Feet About 90 Lbs.	$4.50
No. 65—	1¾ in., for Bottom of Heavy Doors, Weight Per 1000 Feet About 100 Lbs.	5.35

No. 64, 500 Feet; No. 65, 250 Feet in a Bundle.

METAL AND FELT

Window Strip.

Window Strip Applied Between Top and Bottom Sash.



Window Strip Applied to Sill.

Door Strip.

Best Quality Metal, Fine Grade of Wool and Hair Felt, not Affected by Water or Grease, with Holes Punched at Proper Intervals for Tacks or Brads with which it is Applied.

		Per 100 Feet
No. 336B—	Brass, in 36 in. Lengths, for Windows	$3.90
No. 342B—	Brass, in 42 in. Lengths, for Windows	3.90
No. 336G—	Galvanized Steel, in 36 in. Lengths, for Windows	2.80
No. 342G—	Galvanized Steel, in 42 in. Lengths, for Windows	2.80
No. 536B—	Brass, in 36 in. Lengths, for Doors	5.60
No. 542B—	Brass, in 42 in. Lengths, for Doors	5.60

Weight Per 100 Feet About 6 Pounds.

About 100 Feet in a Strawboard Tube.

Stove Casters.

UNIVERSAL.

Ball Bearing.

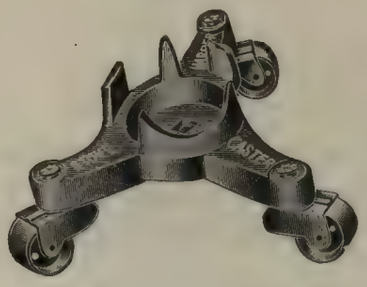
Per Set of Four

No. 10—Grey Iron Castings, Neatly Japanned, Steel Ball Bearing Casters, Reinforced Base **$1.35**

Weight Per Set About 9 Pounds.

Six Sets in a Crate.

HARPER'S



Swivel Iron Casters.

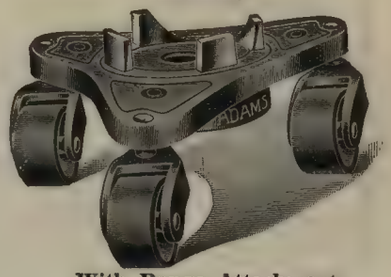
Per Set of Four

No. 15—3¼ in. Diameter Cup, Malleable Iron, Japanned... **$1.60**

Weight Per Set About 9 Pounds.

Open Stock.

ADAMS'



With Range Attachment.

Per Set of Four

No. 20—3¼ in. Diameter Cup, Malleable Iron, Japanned, Coppered Casters **$1.90**

The Small Casters being swiveled to the Main Casting by a Pivot, they turn from one direction to another with the utmost readiness. Holes are provided for screwing these Casters to a Box, making a handy Box Truck.

Weight Per Set About 12 Pounds.

Open Stock.

Stove Trucks.

DAISY

Adjustable.

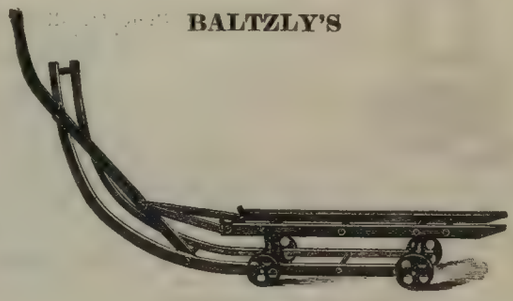
Each

No. 4—Adjusts from 18x24 to 24x36 in., Black Enameled Steel Frame, Curved Sides, Bronzed Malleable Iron Fittings, 1⅝ in. Diameter Double Wheel Casters **$3.80**

Weight Each About 18 Pounds.

Six in a Crate.

BALTZLY'S



All Steel and Iron.

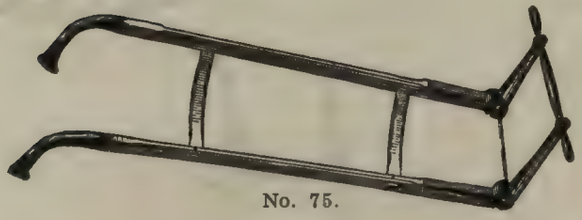
Each

No. 24—66 in. Long Over All, 13 in. Wide, Height of Bed 7 in., Can be Lowered with Lever to 4 in. from Floor..... **$8.90**

This Truck will handle any stove. The frame can be lowered to allow the truck to pass under stove and raised taking stove along.

Weight Each About 50 Pounds.

Stove Carrier Trucks.



No. 75.

Bent Hardwood Handles.

Each

No. 75—49 in. Long, 19½ in. Wide, Steel Braced.... **$10.55**

Weight Each About 30 Pounds.

Stove Carriers.

SMITH'S

Ash Handles.

Each

No. 30—Malleable Iron Ratchet Bars and Sockets.... **$10.00**

Weight Each About 15½ Pounds.

DEE'S

6 ft. Hickory Handles.

Per Pair

No. 40—1¾ in. Diameter Handles, with Chains and Malleables, Grips 7 in. Wide..... **$5.60**

Weight Each About 15 Pounds.

These Carriers will fit any Round or Square Stove, and sustain a Weight of 600 Lbs.

Trucks.

No. 1B.

DANDY, BAG

Bent Handles, Half Ironed, Wrought Rounded Nose, Iron Wheels, Bored.

Each

No. 1B—46 in. Long Handles, 11 in. Wide Nose, 6 in. Diameter Wheels **$3.15**

Weight Each About 19 Pounds.

STEEL NOSE, BAG

Bent Handles, Stamped Steel Nose, Turned Bearings, Iron Wheels, Bored.

Each

No. 5B—42 in. Long Handles, 11¼ in. Wide Nose, 6 in. Diameter Wheels **$3.35**

Weight Each About 19 Pounds.

No. 5B.

BARREL

Steam Bent Handles, One Wood Cross Bar, Ironed, Three Curved Iron Slats, Turned Axles, Bored and Faced Iron Wheels.

Nos.	2B	3B
Length of Handles, Inches	52	56
Width, Inches	21	22
Size of Wheels, Inches	7¾x2½	8¾x2¾
Diameter of Axle, Inches	⅞	1
Ap. Weight Each, Lbs.	65	95
Each	**$9.50**	**12.80**

Nos. 2B and 3B.

HOTEL

Steam Bent Handles, Half Ironed, RUBBER BANDED and Bored Wheels, Turned Axles, Axle and Collars Forged from One Piece of Iron.

Nos.	5	6
Length of Handles, Inches	44½	51
Width, Inches	18	20
Size of Wheels, Inches	5⅞x1⅜	8⅝x1¼
Diameter of Axle, Inches	⅞	⅞
Ap. Weight Each, Lbs.	40	56
Each	**$12.25**	**15.60**

Nos. 5 and 6.

RAILROAD

Steam Bent Handles, Full Ironed, Best Selected Lumber, Turned Axles, Bored and Faced Iron Wheels, Axle and Collars Forged from One Piece of Iron.

Each

No. 34—60 in. Long Handle, 24 in. Wide, 10¾ in. Diameter Wheels, 2¾ in. Wide Face, 1⅛ in. Diameter Axle.. **$13.35**

Weight Each About 120 Pounds.

Steam Bent Handles, Full Ironed, Center Straps Welded to Nose, Best Selected Lumber, Turned Axles, Bored and Faced Iron Wheel, Axle and Collars Forged from One Piece of Iron.

Each

No. 34X—60 in. Long Handles, 24 in. Wide, 10¾ in. Diameter Wheels, 2¾ in. Wide Face, 1⅛ in. Diameter Axle **$17.25**

Weight Each About 144 Pounds.

No. 34.

No. 34X.

WAREHOUSE

Steam Bent Handles, Half Ironed, Turned Axles, Bored and Faced Iron Wheels.

Nos.	11	12
Length of Handles, Inches	47	51
Width, Inches	19	21
Size of Wheels, Inches	6⅞x2	7¾x2½
Diameter of Axle, Inches	⅞	⅞
Ap. Weight Each, Lbs.	43	57
Each	**$6.15**	**7.80**

Steam Bent Handles, Full Ironed, Turned Axles, Bored and Faced Iron Wheels.

Nos.	21	22	23
Length of Handles, Inches.	47	51	55
Width, Inches	19	21	22
Size of Wheels, Inches	6⅞x2	7¾x2½	8¾x2¾
Diameter of Axles, Inches.	⅞	⅞	1
Ap. Weight Each, Lbs.	50	60	85
Each	**$7.25**	**8.35**	**11.15**

Trucks.

HERCULES STEEL WAREHOUSE

Hickory Handles, Riveted and Bolted Steel Frame, Iron Wheels.

Each

No. 2—55 in. Long Over All, 21 in. Wide, 7½ in. Diameter Wheel, 1⅛ in. Diameter Axle.....**$10.00**

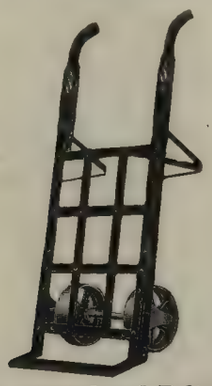
Weight Each About 80 Pounds.

Hickory Handle, Riveted and Bolted Steel Frame, Iron Wheels, For Medium Heavy Wheels.

Each

No. 3—60 in. Long Over All, 22 in. Wide, 8½ in. Diameter Wheel, 1⅛ in. Diameter Axle.....**$11.80**

Weight Each About 90 Pounds.



Hickory Handles, Riveted and Bolted Steel Frame, Iron Wheels.

Each

No. 4—67 in. Long Over All, 24 in. Wide, 10¾ in. Diameter Wheels, 1½ in. Diameter Axle.....**$15.00**

Designed for all purposes where large size trucks are required.

Weight Each About 136 Pounds.

Hickory Handles, Riveted and Bolted Steel Frame, Center Straps Welded to Nose, Iron Wheels.

Each

No. 4A—67 in. Long Over All, 24 in. Wide, 10¾ in. Diameter Wheels, 1½ in. Diameter Axle....**$17.80**

Designed for all purposes where large size trucks are required.

Weight Each About 150 Pounds.

WAREHOUSE

Hickory Handles, Riveted and Bolted Frame, Extra Long Arms to Nose, Reinforced Side Rails, Extra Heavy Axle, Iron Wheels.

Each

No. 4B—65 in. Long Over All, 24 in. Wide, 10¾ in. Diameter Wheels, 1½ in. Diameter Axle **$18.35**

Designed for heaviest possible duty. The strongest truck ever placed on the market.

Weight Each About 150 Pounds.

BARREL

Hickory Handles, Riveted and Bolted Frame, Iron Wheels.

Each

No. 03—60 in. Long Over All, 16 in. Wide at Nose, 25 in. Wide at Handles, 8½ in. Diameter Wheels, 1⅛ in. Diameter Axle **$14.00**

Designed for ordinary barrels, etc.

Weight Each About 102 Pounds.

Hickory Handles, Riveted and Bolted Frame, Iron Wheels.

Each

No. 04—67 in. Long Over All, 17 in. Wide at Nose, 25 in. Wide at Handles, 10¾ in. Diameter Wheels, 1½ in. Diameter Axle **$16.00**

Designed for very heavy barrels and other articles.

Weight Each About 144 Pounds.

Trucks.

BARREL

Roller Bearings.

Each

No. 750—Improved, All Parts of Spring Steel, Iron Wheels..**$31.25**

This truck is especially adapted for handling heavy barrels, casks, boxes, etc. One man can move a load of 1000 pounds and over with ease and rapidity.

Weight Each About 40 Pounds.

NAIL KEG OR BARBED WIRE

Wrought Steel, Galvanized.

Each

No. 500—45 in. Long, Adjustable to Any Height Keg, Barrels or Spools of Barbed Wire **$5.60**

Takes hold of a keg automatically, without tipping keg to get under it, also drops keg automatically, requiring only one hand, leaving the other free. Will handle a keg partly filled as well as a full keg.

Weight Each About 15 Pounds.

ALL-ROUND

Trussed Wrought Steel Frame.

Each

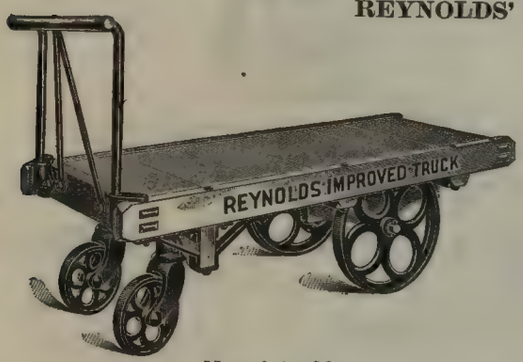
No. 800—45 in. Long, Cast Iron Wheels, with Broad Tread, $\frac{5}{16}$ in. Axle **$4.50**

The Hook is held at any place on the bar or frame by a friction clutch and is readily adjusted. It grabs the top of a box, barrel or keg, thus doing away with the necessity of reaching over to the further side of same when pulling truck into wheeling position.

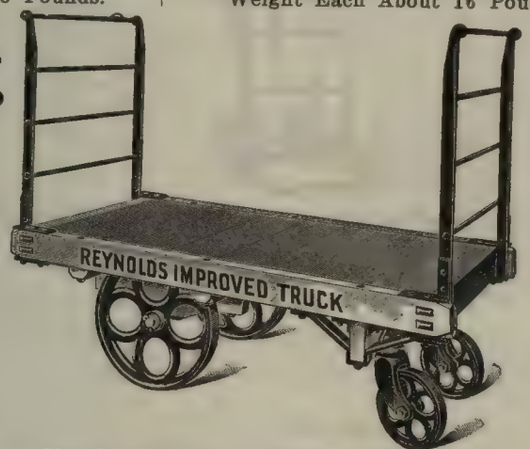
Weight Each About 16 Pounds.

Platform Trucks.

REYNOLDS' IMPROVED



Nos. 0 to 23.



Showing Truck with Stationary Steel Racks.

Selected Material, Oiled and Varnished, Patent Ball Bearing Casters.

	No.	Size of Platform in Feet*	Diameter of Wheels, Inches.	Diameter of Casters Inches.	Height to Top of Platform, Inches.	Capacity, in lbs.	Weight, lbs.	Price, Each.
For Very Heavy Work.	0	2 x3	12	6	14	1,200	125	$26.65
	1	2 x4	12	6	14	1,200	152	27.80
	3	2½x4	12	6	14	1,200	172	29.00
	4	2 x5	12	6	14	1,200	161	29.00
	5	3 x4	12	6	14	1,200	173	30.00
	6	2½x5	12	6	14	1,200	175	30.00
	8	3 x5	12	6	14	1,200	192	32.50
	9	2 x4	18	9	19	3,000	217	33.35
	11	2½x4	18	9	19	3,000	229	35.00
	13	2½x4½	18	9	19	3,000	237	35.80
	15	3 x4	18	9	19	3,000	246	36.70
	16	2½x5	18	9	19	3,000	243	36.70
	18	2 x5	18	9	19	3,000	230	35.80
	19	2 x6	18	9	19	3,000	240	36.70
	20	2½x6	18	9	19	3,000	255	38.40
	21	3 x5	18	9	19	3,000	255	39.15
	22	3 x6	18	9	19	3,000	270	40.00
	23	3 x8	18	9	19	3,000	310	44.50

*The Trucks are about 4 inches longer over all.

FACE OF WHEELS AND CASTERS

Trucks numbered 0 to 8 inclusive have casters with 1¼ in. tread, wheels 2 in. tread.
Trucks numbered 9 to 23 inclusive have casters with 1½ in. tread, wheels 2¼ in. tread.

STATIONARY STEEL RACKS

All to List Per Truck

Stationary Steel Racks—30 in. High, for Any Trucks Listed Above **$9.00**

Shipped F. O. B. Lansing, Mich.

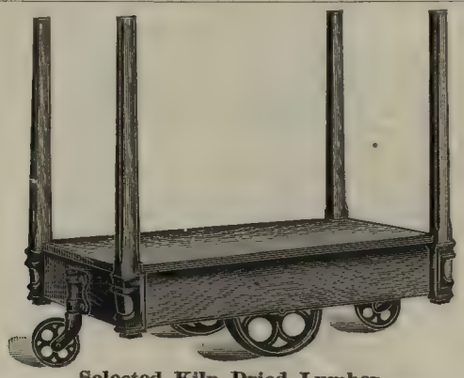
Platform Trucks.

STERLING

Special Rolled Ribbed Channel Steel Frame, Selected Wood Top, Reinforced Center, Ball Bearing Casters.

No.	Size of Platform Feet	Dia. of Wheels Inches	Dia. of Caster Wheels Inches	Height to Top of Platform Inches	Capacity in Pounds	Weight in Pounds	Price Each
100-A	2 x3	12	6	13½	2500	157	$26.05
100-B	2 x4	12	6	13½	2500	172	27.00
100-C	2 x5	12	6	13½	2500	187	28.00
100-D	2½x4	12	6	13½	2500	185	28.00
100-E	2½x5	12	6	13½	2500	201	28.90
100-F	3 x4	12	6	13½	2500	198	28.90
100-G	3 x5	12	6	13½	2500	215	29.85
100-H	2 x4	16	8	18	3500	221	31.75
100-I	2 x4½	16	8	18	3500	230	32.75
100-J	2 x5	16	8	18	3500	239	33.85
100-K	2 x5½	16	8	18	3500	248	34.90
100-L	2 x6	16	8	18	3500	257	36.00
100-M	2½x4	16	8	18	3500	235	33.15
100-N	2½x4½	16	8	18	3500	245	34.20
100-O	2½x5	16	8	18	3500	255	35.25
100-P	2½x5½	16	8	18	3500	265	36.30
100-Q	2½x6	16	8	18	3500	275	37.40
100-R	3 x4	16	8	18	3500	249	34.60
100-S	3 x4½	16	8	18	3500	260	35.60
100-T	3 x5	16	8	18	3500	271	36.70
100-U	3 x5½	16	8	18	3500	282	37.70
100-V	3 x6	16	8	18	3500	293	38.80

No. 100.



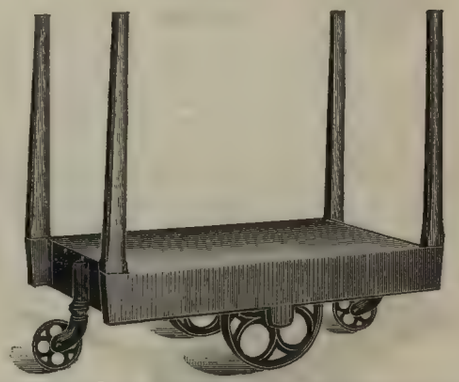
Selected Kiln Dried Lumber.

Smooth Turned Axle, Chilled Hubs and Boxes, Combined Stake Pocket or Corner Iron, with 30 in. End Stakes.

Each

No. 1ES—25x48 in. Hardwood Platform, 14 in. Diameter Wheels with 2 in. Face, 6 in. Diameter Casters with 1¼ in. Face, Capacity 600 Lbs. **$13.35**

Weight Each About 140 Pounds.
Especially Adapted for Furniture Factories.



Constructed of 12 and 14 Gauge Sheet Steel.

Smooth Turned Axle, Chilled Hubs and Boxes, Combined Stake Pocket or Corner Iron, with 20 in. Wood End Stakes.

Each

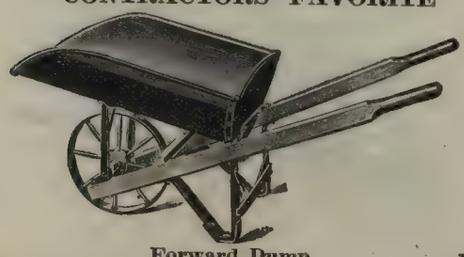
No. 01ES—24x48 in. Platform, 15 in. Diameter Wheels, 6½ in. Diameter Casters with 1¼ in. Face **$16.15**

Weight Each About 150 Pounds.

Wheelbarrows.

STERLING

CONTRACTORS' FAVORITE



Forward Dump.

Per Dozen

No. 2—Capacity 3½ Cubic Feet Dry Material, Bone Dry Hard Maple Red Painted Handles, 16 Gauge Steel Tray, with ⅛ in. Steel Rod Around Top Edge, Supported at Front by Malleable Iron Arch and at Back by Forged Steel Cross Brace, Channel Iron Legs with Extra Shoe, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes **$85.50**

Weight Per Dozen About 780 Pounds.
One-quarter Dozen in a Bundle, K. D.

ACME

Farward Dump.

Per Dozen

No. 4—Capacity 3½ Cubic Feet Dry Material or 800 Lbs. of Metal, Continuous Tubular Frame Forms Handles, Legs and Tray Support, 16 Gauge Steel Tray, with ⅛ in. Steel Rod Around Top Edge, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes **$129.00**

Weight Per Dozen About 800 Pounds.
One-twelfth Dozen in a Bundle, K. D.

Wheelbarrows.

PAN HANDLE

Forward or Side Dump. Per Dozen

No. 8—Capacity 3 Cubic Feet Dry Material, Bone Dry Hard Maple Red Painted Handles, 18 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, Legs are Well Braced and Fastened to Handles by a Steel Stirrup, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes $72.00

Weight Per Dozen About 685 Pounds.
One-sixth Dozen in a Bundle, K. D.

TUBULAR STEEL MINING

Capacity 3½ Cubic Feet. Per Dozen

No. 7—18 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, One Piece High Grade Steel Tubular Frame, Channel Iron Legs with Heavy Steel Shoes, Patent Handle Clamps, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes.... $91.00

Weight Per Dozen About 880 Pounds.
One-twelfth Dozen in a Bundle, K. D.

BAKER'S CONCRETE CONVEYOR

Forward Dump, Capacity 3 Cubic Feet Wet Concrete. Per Dozen

No. 8—16 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, Tubular Steel and Angle Iron Carriage, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes $171.00

Weight Per Dozen About 960 Pounds.
One-twelfth Dozen in a Bundle, K. D.

STERLING CONCRETE

Capacity 3½ Cubic Feet. Per Dozen

No. 6—16 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Handles Extended Beyond the Wheel and Shod with Steel, for Front or Side Dumping, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes $83.50

Weight Per Dozen About 820 Pounds.
One-quarter Dozen in a Bundle, K. D.

CONTRACTORS' STERLING

Capacity 3½ Cubic Feet. Per Dozen

No. 5—16 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Channel Iron Legs, Reinforced by Extra Riveted Iron Shoe, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes..... $78.00

Weight Per Dozen About 765 Pounds.
One-quarter Dozen in a Crate, K. D.

AJAX CONCRETE

Capacity 4 Cubic Feet. Per Dozen

No. 9—16 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, One Piece High Grade Steel Tubular Frame, Channel Iron Legs with Heavy Steel Shoes, Patent Handle Clamps, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes..... $102.50

Weight Per Dozen About 888 Pounds.
One-twelfth Dozen in a Bundle, K. D.

MEXICO TUBULAR STEEL

Capacity 2½ Cubic Feet. Per Dozen

No. 7AA—18 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, One Piece High Grade Steel Tubular Frame, Channel Iron Legs with Heavy Steel Shoes, Patent Handle Clamps, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Steel Tire with 1½ in. Face, Eight $\frac{3}{8}$ in. Bar Steel Shouldered Spokes $76.00

Weight Per Dozen About 635 Pounds.
One-quarter Dozen in a Bundle, K. D.

EUREKA CONCRETE

Capacity 4 Cubic Feet Dry Material, 3 Cubic Feet Wet Concrete. Per Dozen

No. 10—16 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Handles Extended Beyond the Wheel and Shod with Steel, for Front or Side Dumping, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{3}{8}$ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes..... $95.00

Weight Per Dozen About 875 Pounds.
One-twelfth Dozen in a Bundle, K. D.

Wheelbarrows.

STERLING

STERLING CONCRETE

No. 15.
Capacity 3½ Cubic Feet.

No. 16.
Capacity 4 Cubic Feet Dry Material, 3 Cubic Feet Wet Material.

NARROW CONCRETE

No. 30.
Capacity 4 Cubic Feet Dry Material, 3 Cubic Feet Wet Concrete.

Per Dozen

No. 15—16 Gauge Steel Tray with ⅜ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Channel Iron Legs with Extra Shoe, Sterling Patent Handle Clamps, Channel and Bar Iron Braces, Forged Steel Nose Guard, Tray Raisers, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes, Weight Per Dozen About 840 Lbs..... **$ 91.00**

No. 16—16 Gauge Steel Tray with ⅜ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Channel Iron Legs with Extra Shoe, Sterling Patent Handle Clamps, Channel and Bar Iron Braces, Forged Steel Nose Guard, Tray Raisers, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes, Weight Per Dozen About 885 Lbs..... **102.50**

One-twelfth Dozen in a Bundle, K. D.

No. 30—16 Gauge Steel Tray with ⅜ in. Steel Rod Around Top Edges, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Handles Extend Beyond the Wheel and Shod with Steel, for Front or Side Dumping, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes, Weight Per Dozen About 900 Lbs..... **100.00**

One-quarter Dozen in a Bundle, K. D.

No. 40.

NARROW GENERAL CONTRACTORS'

Capacity 3½ Cubic Feet Dry Material.

26 in. Wide Over All, 16 Gauge Steel Tray with ⅜ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Red Painted Handles, Full Bolted, Extended Beyond Wheel, Channel Steel Legs with Extra Shoe, Tray Raisers, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes.

Per Dozen

No. 40—64 in. Long, Metal Tipped Handles **$83.10**
No. 41—64 in. Long, Metal Tipped Handles and Patented Handle Clamps. **84.95**
No. 42—64 in. Long, Forged Wheel Guard and Patented Handle Clamps. **90.60**

Weight Per Dozen About 840 Pounds.
One-twelfth Dozen in a Bundle, K. D.

STERLING JUNIOR COAL

Capacity 250 Lbs. Hard Coal. Per Dozen

No. 35—16 Gauge Steel Tray with ⅜ in. Steel Rod Around Top Edge, One Piece High Grade Steel Tubular Frame, Channel Iron Legs with Heavy Steel Shoes, Patent Handle Clamps, 16 in. Diameter Self-Lubricating Steel Wheel with ⅜ in. Bar Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes **$124.60**

Weight Per Dozen About 940 Pounds.
One-quarter Dozen in a Bundle, K. D.

TUBULAR STEEL

Solid Steel Tray, Tubular Steel Frame, Heavy Wired Edge, Hardened Steel Bearings, Steel Legs and Braces, Heavy Steel Wheel.

Nos.	4T	5T	9T	10T
Gauge of Tray, Nos.	15	15	12	13
Capacity, Cubic Feet	3	4	4	6
Length Tray on Top, Inches	33	36½	36½	41½
Width of Tray on Top, Inches	29	29	29	33
Weight Each About, Lbs.	70	78	98	110
Each	$7.80	8.90	10.60	13.35

No. 9T adapted for use in Foundries; No. 10T adapted for use in Coal Yards, etc.

One-quarter Dozen in a Bundle, K. D.

Concrete Carts.

STERLING

No. 3C.

Capacity 6 Cubic Feet Thin Concrete, 7 Cubic Feet Dry Material.

Each

No. 3C—14 Gauge Steel Tray, Round Bottom, Reinforced Around Top with Angle Iron Having Forged Corners, Heavy Steel Legs, 30 in. Diameter Wheels with 2 in. Face, Sixteen ½ in. Spokes in Tension, Wrought Iron Hub, 1¼ in. Cast Steel Axle..... **$34.25**

Weight Each About 190 Pounds.
One-twelfth Dozen in a Bundle, K. D.

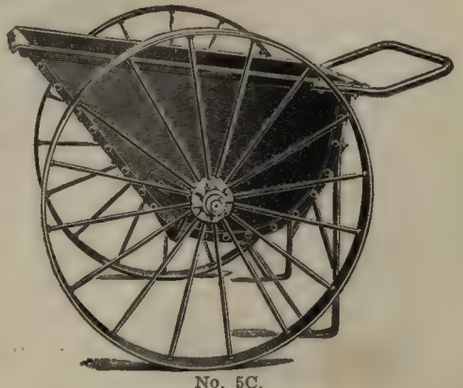
Capacity 6 Cubic Feet Thin Concrete, 7 Cubic Feet Dry Material.

Each

No. 5C—14 Gauge Steel Tray, Round Bottom, Bottom and Sides Riveted to 1 in. Angle Iron and Crimped Over Angle Iron Frame at Top, Heavy Steel Braced Legs, 36 in. Diameter Wheels with 2½ in. Face, Sixteen ½ in. Spokes in Tension.. **$37.75**

Weight Each About 215 Pounds.
One-twelfth Dozen in a Bundle, K. D.

"STERLING FAULTLESS"



No. 5C.

MONARCH, STEEL, DIRT Wheelbarrows. JACKSON, STEEL, COAL

Capacity 4 Cubic Feet.

Each

No. 2M—Solid Steel Tray, Tubular Steel Frame, Steel Legs and Braces, Extra Heavy Steel Wheel..$7.35
Weight Each About 65 Pounds.
Three in a Bundle, K. D.

All Steel, Heavy Steel Tray, Steel Frame and Handles, 16 in. Steel Wheel, Well Bolted and Braced.

Nos.	B1	B2	B3	B4
Capacity, Lbs.	200	250	325	400
Length Tray on Top, Inches.	36	38	42	43
Width Tray on Top, Inches.	31	32	36	36
Gauge of Steel, Nos.	14	14	14	11
Ap. Weight Each, Lbs.	88	92	107	135
Each	$13.05	13.50	16.20	19.80

One in a Bundle, K. D.

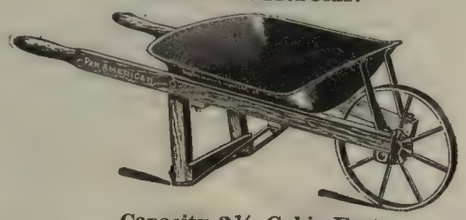
STERLING MONARCH STEEL TRAY

Capacity 2½ Cubic Feet.

Per Dozen

No. 19—18 Gauge Steel Tray with $\frac{5}{16}$ in. Steel Rod Around Top Edge, Bone Dry Hard Maple Full Bolted Frame, Steel Shoes, 16 in. Diameter Self-Lubricating Steel Wheel with $\frac{1}{2}$ in. Bar Steel Tire with 1½ in. Face, Eight ⅜ in. Bar Steel Shouldered Spokes, Cold Rolled Steel Shaft $55.60
Weight Per Dozen About 520 Pounds.
One-sixth Dozen in a Bundle, K. D.

PAN AMERICAN

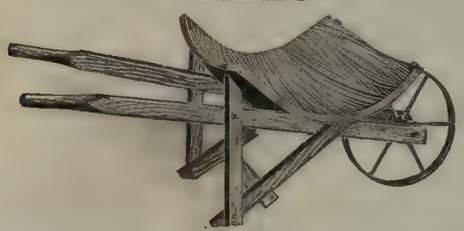


Capacity 3½ Cubic Feet.

Per Dozen

No. 56—14 Gauge One Piece Pressed Steel Tray, ¼ in. Steel Rod Around Top Edge, Hardwood Handles and Legs, Steel Braced and Full Bolted, 16½ in. Diameter Steel Wheel.....$86.60
Weight Per Dozen About 720 Pounds.
One-quarter Dozen in a Bundle, K. D.

TOLEDO

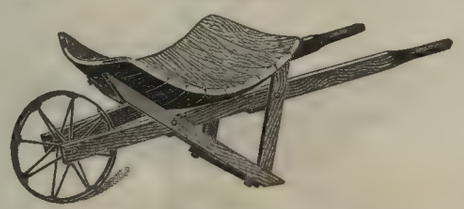


9 Staves.

Per Dozen

No. 160—Barrel Tray, Braced and Bolted, 16 in. Steel Wheel, 1¼ in. Tire.....$32.25
No. 170—Barrel Tray, Braced and Bolted, 16 in. Steel Wheel, 2¼ in. Tire..... 36.75
Weight Per Dozen About 550 Pounds.
One-sixth Dozen in a Bundle, K. D.

CROWN



Extra Large Barrel Tray.

Per Dozen

No. 175—Clear Grade Lumber, Full Bolted, 16 in. Steel Wheel 1½ in. Tire, Non-Turning Axle Bolt.$41.10
No. 176—Clear Grade Lumber, Full Bolted, 16 in. Steel Wheel, 2 in. Tire, Non-Turning Axle Bolt.. 43.30
Weight Per Dozen About 540 Pounds.
One-sixth Dozen in a Bundle, K. D.

JACOB'S BOSS RAILROAD

Full Size Bent Tray, Planed.

Per Dozen

No. 50—Cleated and Strapped Together, Well Braced and Bolted, 16½ in. Patent Steel Wheel, with ⅜ in. Round Spokes.....$44.50
Weight Per Dozen About 684 Pounds.
One-quarter Dozen in a Bundle, K. D.

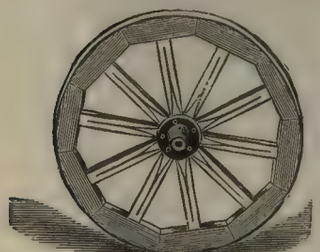
COAL AND SAWDUST

Selected Hardwood Tray and Frame.

Per Dozen

No. 50C—Patent Bent Legs, 24 in. Bed, High Front and Back, Bolted and Braced, Heavy Wood Wheel, Capacity 350 Lbs.....$66.70
Weight Per Dozen About 550 Pounds.
One-twelfth Dozen in a Bundle, K. D.

Wheelbarrow Wheels.



No. 30.

Each

No. 30—Wood Wheels, Suitable for No. 160 Wheelbarrow..$1.35
No. 33—Steel Wheels, Suitable for No. 160 Wheelbarrow.... 1.35
No. 35—Steel Wheels, Suitable for No. 50 Wheelbarrow.... 1.60
No. 37—Steel Wheels, Suitable for No. 16G Garden Barrow.. 2.25

Weight Per Dozen About 120 Pounds.

Nos 33 to 37.

Wheelbarrows.

OHIO GARDEN

Hardwood Frame.

Each

No. 125G—Angle Steel Brace Legs, Bent to Form Socket for the Sideboards, Length of Bed 27 in., Width at Handle 24 in., Width at Wheel 17½ in., Depth at Wheel 12 in., Painted Red Outside, Green Inside and Varnished, 20x2 in. Steel Wheel, ¾x⅛ in. Spokes, 1½x⅛ in. Half Oval Tire.....**$5.60**

Weight Each About 45 Pounds.
One in a Bundle.

TOLEDO GARDEN

Patent Bolted, Jointless Bent Legs.

Each

No. 6G—Length of Sideboards 36 in., Width 12 in., Neatly Painted, Striped and Varnished, 20 in. Wood Wheel, 1½ in. Face.....**$5.30**

No. 16G—Same Style as No. 6G, but with a 20 in. Steel Wheel, 1½ in. Face..... **5.55**

No. 26G—Extra Large, 20 in. Steel Wheel, Otherwise Same Style as No. 6G..... **6.70**

Weight Each About 50 Pounds.
One in a Bundle, K. D.

STERLING GARDEN

Best Grade Hard Maple Frame.

Each

No. 20—Width at Handle 24 in., Depth at Wheel 14 in., Width at Wheel 22 in., Angle Steel Legs, Braced and Bent to Form Sockets for Detachable Sides, Sides, Bottoms and Ends are Reinforced with 18 Gauge Steel, Steel Wheel.....**$7.15**

Weight Each About 60 Pounds.
One in a Bundle, K. D.

DEFIANCE DUMP

Thoroughly Seasoned Hardwood Frame.

Each

No. 200—Length of Tray 30 in., Width 30 in., Depth at Wheel 9½ in., Depth at Handles 6½ in., Corners Securely Bound with Iron, Well Bolted and Braced, 16 in. Steel Wheel.....**$3.00**

For heavy work of Railroad, Canal and Street Contractors.
Weight Each About 50 Pounds.
One in a Bundle, K. D.

ROBIN GARDEN

Seasoned Hardwood Frame.

Each

No. 19G—Handles 56 in. Long, Bed 27 in. Long, Width at Handles 23 in., Width at Wheel 18 in., 11 in. Deep, Planed and Smooth Finished, Well Painted, Striped and Varnished, 18 in. Diameter Steel Wheel.....**$42.20**

Weight Each About 50 Pounds.
One in a Bundle, K. D.

YANKEE GARDEN

Selected Hardwood Frame.

Each

No. 1G—Length of Bed 29 in., Width at Handle 22 in., Width at Wheel 17 in., Finished in Vermilion, Hand Striped and Varnished, Oval Pressed Steel Legs, Pressed Angle Steel Sideboard Holders, 20 in. Steel Wheel with 2 in. Oval Tire, Solid Steel Axle, Malleable Axle Boxes..**$6.15**

Weight Each About 45 Pounds.
One in a Bundle, K. D.

GLOBE GARDEN

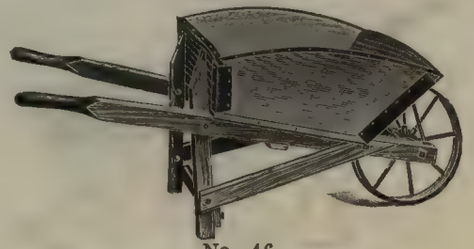
Hardwood Frame.

Each

No. 2G—Length of Box 30 in., Width at Handles 24 in., Width at Wheel 19 in., Depth at Wheel 12 in., Thoroughly Bolted Leg Braces, Painted Green and Striped, Matched and Glued Bottom, 20 in. Steel Wheel, 1½ in. Face.....**$6.15**

Weight Each About 44 Pounds.
One in a Bundle, K. D.

MORTAR



No. 46.
Dovetailed Box, Iron Banded Top.

Each

No. 45—Length of Box 32 in., Width at Handle 26 in., Width at Wheel 29 in., Depth at Wheel 14 in., Iron Braced and Bolted, with 18 in. Iron Hub Wood Wheel **$5.60**

No. 46—Same as No. 45, but with Heavy Steel Wheel.. **6.15**

Weight Each About 60 Pounds.
One in a Bundle.

Wheelbarrows.

STONE

BENT HANDLE

1⅛ in. Thick Well Seasoned Hardwood Bottom and Front.

Each

No. 40—Bottom 27 in. Long, 28 in. Wide, 11 in. High in Front, 2x3 in. Bent Handles, Dressed and Well Seasoned, Painted Brown, with Iron Hub Wood Wheel **$6.70**

No. 42—Same as No. 40, but with Heavy Steel Wheel.. **7.80**

Weight Each About 70 Pounds.
One in a Bundle.

STERLING

Tubular Steel Frame. Each

No. 14—⅜ in. Boiler Plate Platform, 34 in. Long, 24 in. Wide, Supported and Attached to Frame by Heavy Channel Steel Braces Full Length of Platform, Channel and Tubular Steel Foot Rest, Roller Bearing Steel Wheel, 1½ in. Face, Capacity 500 Lbs..... **$11.15**

Weight Each About 95 Pounds.
One in a Bundle.

STERLING TILE

Hard Maple Frame, Securely Bolted. Each

No. 34—Reinforced and Braced Dash, Channel Iron Legs Reinforced by Extra Shoe, Patent Handle Clamps, Channel and Bar Iron Braces, 16 in. Diameter Self-Lubricating Steel Wheel with ⅝ in. Bar Steel Tire with 1½ in. Face, Eight ½ in. Bar Steel Shouldered Spokes..... **$6.70**

Weight Each About 70 Pounds.
One in a Bundle.

Brick Hods.

STANDARD

Steel, Painted. Per Dozen

No. 1—22x7x10 in., Improved Malleable Iron Fork, Wood Shoulder Saddle, Complete with Handle. **$20.00**

Weight Each with Handle 8 Pounds.

Mortar Hods.

NEVER DRIP

Steel, Painted. Per Dozen

No. 5—24x11¾x12 in., Improved Malleable Iron Fork, Wood Shoulder Saddle, Complete with Handle. **$24.50**

Weight Each with Handle 11 Pounds.

Never Drip Steel Hods Weigh when in use 25 to 50 Per Cent Less than the Common Wooden Hod.

Hand Carts.

MERRIMAC

First Quality Basswood Body. Each

No. 153—41½x23x9½ in. Body, 8 in. Deep, 26 in. Wood Side Wheels, 14 in. Steel Front Wheel, Woodwork Painted and Striped, Flat Steel Handles, Well Ironed and Bolted, 30½ in. Axle, Capacity 250 Lbs..... **$20.00**

Weight Each About 62 Pounds.

P. & H.

Woodwork Painted Red, Striped and Varnished.

Each

No. 2—23x40x10 in. Body, 30 in. Steel Wheel, 2 in. Face, 4½ in. Hub Box, ⅞ in. Axle, Well Ironed and Bolted, Flat Steel Handles..... **$15.65**

Weight Each About 90 Pounds.

Hand Carts.

Bent Hardwood Handles.

Each

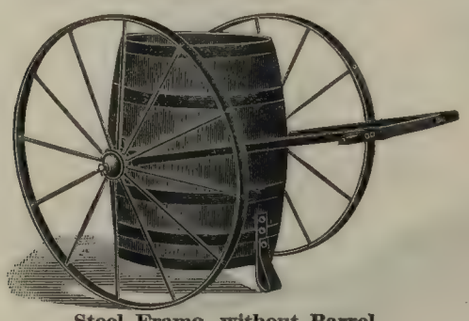
No. 26—Body 40 in. Long, 24 in. Wide, 10 in Deep, 36 in. Wood Wheels, ⅞ in. Axle, Edge of Box Well Ironed.....$14.50
Weight Each About 85 Pounds.

Tubular Steel Bent Handles.

Each

No. 28—Body 37 in. Long, 20 in. Wide, 8 in. Deep, Edges Ironed, Detachable Sides and End Boards, 26 in. Steel Wheels, ¾ in. Axle, Two Leaf Springs $11.15
Weight Each About 61 Pounds.

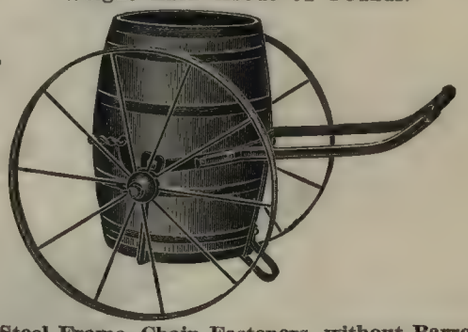
Barrel Carts.



Steel Frame, without Barrel.

Each

No. 60—36 in. Steel Wheels, All Parts Painted Black, Hardwood Handle $7.50
Weight Each About 56 Pounds.
One in a Bundle, K. D.



Steel Frame, Chain Fasteners, without Barrel.

Each

No. 75—36 in. Steel Wheels, Frame Work Painted Green, Wheels Yellow, Wood Handles.....$10.00
Weight Each About 75 Pounds.

This Cart carries the barrel directly on the axle. Has a device on the bottom which prevents the barrel from slipping off when handle is raised. Is provided with Chain Take-up device for the front to hold the barrel back against the frame. This combination allows the barrel to be tilted forward by raising the handle without losing its position on the axle.
One in a Bundle, K. D.

No. 85.

Platform Barrel Carts.

Steel Frame.

Each

No. 85—27x30 in. Wood Platform, Woodwork Painted Drab, Wheels Yellow, Iron Work Red, Hand Striped and Varnished, 36 in. Steel Wheels, Wood Handle.....$11.65

Unequalled for universal use about the farm. The low-down frame makes it easy to load and unload. It will hold five milk cans or will carry a barrel of water, and is a most convenient cart. Has parallel steel bands on the sides and additional wooden back rests which makes possible a wider range of use and permits carrying of small packages of merchandise, vegetables or grain in sacks.
Weight Each About 100 Pounds.
One in a Bundle, Knocked Down.

Plows.

GRADING

White Oak Beam.

Each

No. 13—Right Hand, 7 ft. Long, 3¼x7 in. at Standard, Wrought Steel Point, Landside, Moldboard and Cutter, Wrought Iron V Shaped Standard, Adjustable Gauge Wheel, 3x6½ in.....$50.00
Weight Each About 205 Pounds.

Extra Points 6.70

RAILROAD

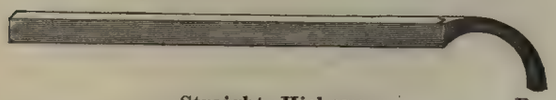
Dorsch's, Steel Beam.

Each

No. 2D—Plow Steel Double Shinned Share, Heavy Cast Iron Landside, Steel Moldboard, Heavy Oak Handles, 1¾x3 in., 1 in. Wrought Pipe Handle Braces, Heavy Gauge Wheel, with Heavy Standard, Cut of Plow 9 in.....$50.00
Weight Each About 175 Pounds.

Extra Points 7.55

Plow Handles.



Straight, Hickory. — Per Pair

No. 1—1¼x2¼ in., 5 ft. Long.....$0.78
Weight Per Pair About 7½ Pounds.

Single Bend, Hickory. — Per Pair

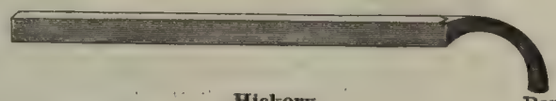
No. 2—1¼x2¼ in., 5 ft. Long.....$0.90
Weight Per Pair About 4½ Pounds.

Plow Handles.

Double Bend, Hickory. — Per Pair

No. 3—1¼x2¼ in., 5 ft. Long, for Mouldboard.....$1.00
Weight Per Dozen About 7½ Pounds.

Cultivator Handles.



Hickory. — Per Pair

No. 4—1¼x2¼ in., 4 ft. Long.....$0.67
Weight Per Pair About 7½ Pounds.

Six Pairs in a Bundle.

Road Scrapers.

SLUSSER'S

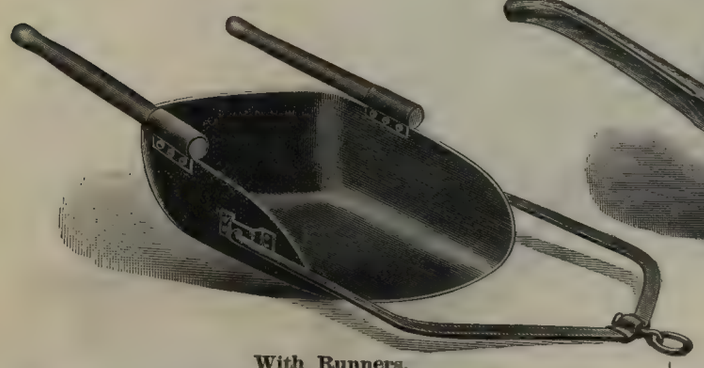
With Runners.

Square Back, Steel Bail with Extra Strong Swivel. — Each

No. 1—Capacity 7 Cubic Feet, Solid Steel, Wood Handles, Weight Each About 97 Lbs.....$8.90
No. 2—Capacity 5 Cubic Feet, Solid Steel, Wood Handles, Weight Each About 86 Lbs..... 8.35

This Scraper is made of Solid Steel. The Top of the Back is bent over the Tie Rod, adding greatly to the strength of the Back, and retaining all of the advantages of the Tie Rod in holding the Scraper firm. The Bottom of the Scraper is curved at the back, to prevent the sticking of the dirt. The bent up portion of the Bottom is riveted to the Back, where no wear can come on the rivets. The steel being double where the Back is riveted to the turned up Bottom, makes this Scraper extra strong at the Back. The Runners lighten the draft and prevent the wear from coming on bottom of Scraper.

CONTRACTORS' SPECIAL



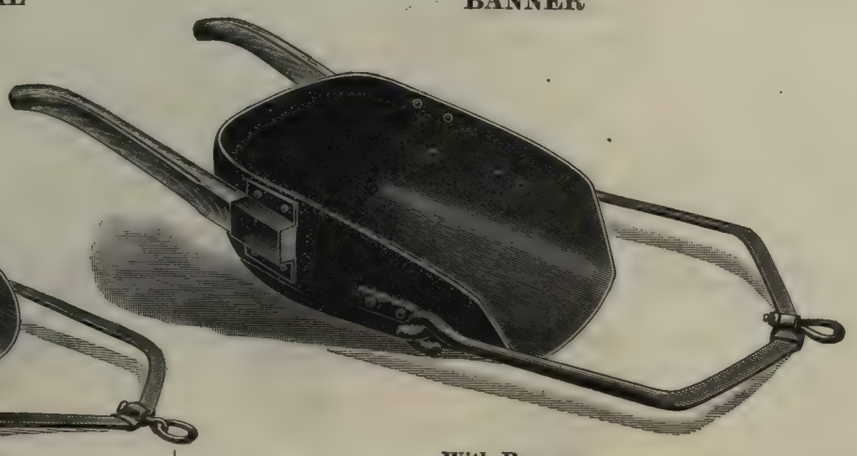
With Runners.

Extra Heavy High Carbon Steel Bowl, Round Back, Solid Steel Bail with Extra Strong Swivel.

Each

No. 1—Capacity 7 Cubic Feet, Weight Each About 110 Lbs.....$10.60
No. 2—Capacity 5 Cubic Feet, Weight Each About 100 Lbs..... 9.70

BANNER



With Runners.

Superior Quality High Carbon Open Hearth Steel Bowl, Round Back, Solid Steel Bail with Extra Strong Swivel.

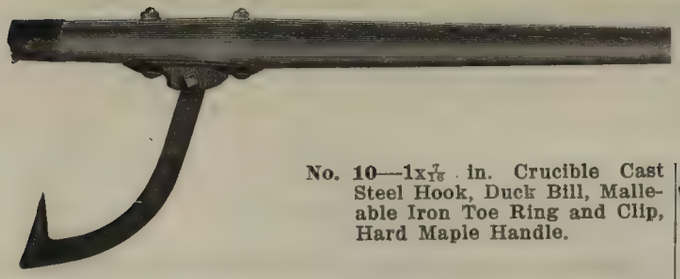
Each

No. 1—Capacity 7 Cubic Feet, Weight Each About 96 Lbs.....$8.90
No. 2—Capacity 5 Cubic Feet, Weight Each About 85 Lbs..... 8.35

The Body of these Scrapers are made of a single sheet of Steel and are seamless. They will work in any kind of soil, whether plowed or not, and enter the ground as readily as a Plow. The Bails are Solid Steel, of Improved Pattern, with strong and perfect working Swivels.

Cant Hooks.

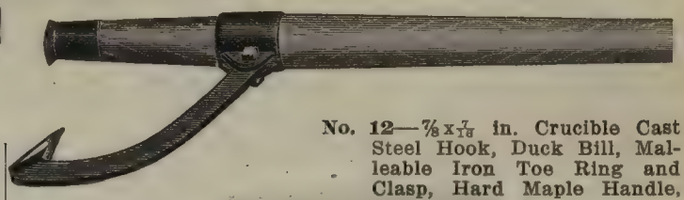
EXCELSIOR



No. 10—1x$\frac{7}{16}$ in. Crucible Cast Steel Hook, Duck Bill, Malleable Iron Toe Ring and Clip, Hard Maple Handle.

Length of Handle, Feet.....	4	4½
Per Dozen	$23.00	23.75

Average Weight Per Dozen About 85 Pounds.



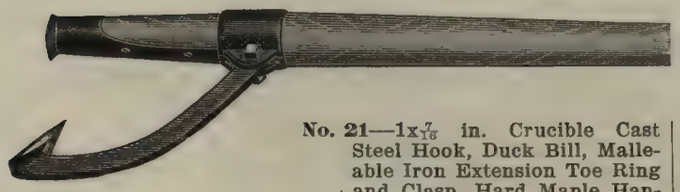
No. 12—$\frac{7}{8}$x$\frac{7}{16}$ in. Crucible Cast Steel Hook, Duck Bill, Malleable Iron Toe Ring and Clasp, Hard Maple Handle, for Small Timbers.

Length of Handle, Feet.....	4
Per Dozen	$23.00

Average Weight Per Dozen About 80 Pounds.

Cant Hooks.

EXCELSIOR



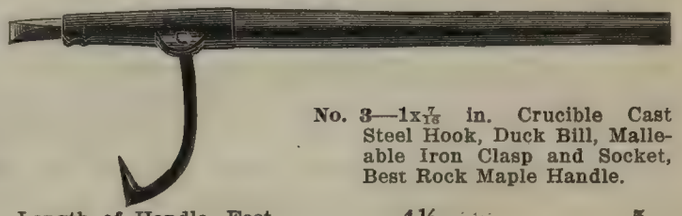
No. 21—1x$\frac{7}{16}$ in. Crucible Cast Steel Hook, Duck Bill, Malleable Iron Extension Toe Ring and Clasp, Hard Maple Handle.

Length of Handle, Feet.....	4	4½
Per Dozen	$23.00	23.75

Average Weight Per Dozen About 88 Pounds.

Landing Hooks.

SANFORD'S SOCKET



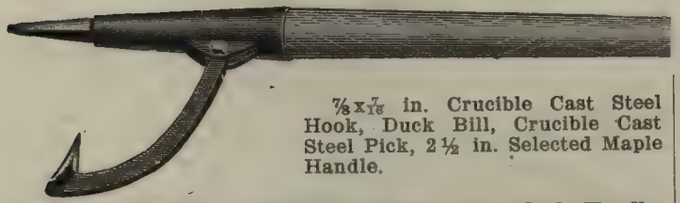
No. 3—1x$\frac{7}{16}$ in. Crucible Cast Steel Hook, Duck Bill, Malleable Iron Clasp and Socket, Best Rock Maple Handle.

Length of Handle, Feet.....	4½	5
Per Dozen	$44.50	45.60

Average Weight Per Dozen About 125 Pounds.

Peavies.

EXCELSIOR SOCKET



$\frac{7}{8}$x$\frac{7}{16}$ in. Crucible Cast Steel Hook, Duck Bill, Crucible Cast Steel Pick, 2½ in. Selected Maple Handle.

No. 31—Malleable Iron SOLID SOCKET, Hard Maple Handle.

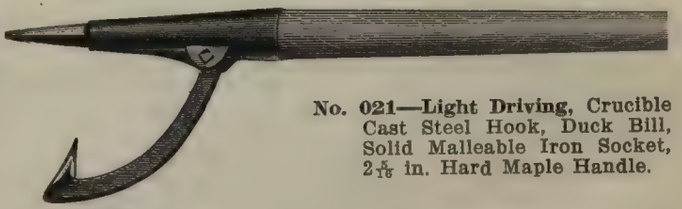
Length of Handle, Feet.....	4½	5
Per Dozen	$28.50	29.25

No. 3—Malleable Iron, SPLIT SOCKET, Rock Maple Handle.

Length of Handle, Feet.....	4½	5
Per Dozen	$28.50	29.25

Average Weight Per Dozen About 120 Pounds.

CHAMPION



No. 021—**Light Driving,** Crucible Cast Steel Hook, Duck Bill, Solid Malleable Iron Socket, 2$\frac{5}{16}$ in. Hard Maple Handle.

Length of Handle, Feet.....	4½	5
Per Dozen	$30.00	30.75

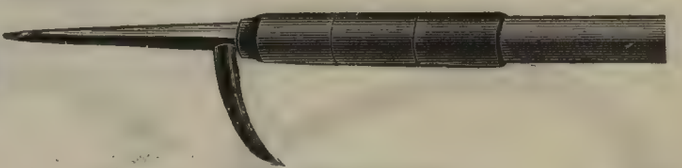
Average Weight Per Dozen About 95 to 100 Pounds.

Pike Poles.

With Pike.

Crucible Steel Pike, Ohio White Ash Handle.

Nos.	38	39	40	41	42
Length Handle, Ft.	12	14	16	18	20
Ap. Wt. Dozen, Lbs.	80	90	100	110	120
Per Dozen.....	$24.10	24.70	37.20	48.75	66.20

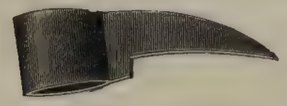


With Pike and Hook.

Crucible Steel Pike and Hook, Ohio White Ash Handle.

Nos.	48	49	50	51	52
Length Handle, Ft.	12	14	16	18	20
Ap. Wt. Dozen, Lbs.	85	100	110	120	130
Pr Dozen	$29.10	33.15	40.75	52.25	69.50

Hookaroon Picks.



Adze Eye.

	Per Dozen
No. 208—Steel Point	**$8.00**

Weight Per Dozen About 18 Pounds.

Pike Pole Pikes.

With Screw.

	Per Dozen
No. 369—Crucible Steel	**$6.35**

Weight Per Dozen About 8 Pounds.

Pike Pole Pike and Hook.

With Screw.

	Per Dozen
No. 370—Steel	**$10.00**

Weight Per Dozen About 10 Pounds.

Pike Pole Rings.

Steel.

	Per Dozen
No. 372—Polished	**$4.50**

Weight Per Dozen About 3 Pounds.

Pike Pole Handles.

Ohio White Ash.

Length, Feet....	10	12	14	16	18	20
Ap. Wt. Doz., Lbs.	65	70	85	95	105	115
Per Dozen.....	$13.90	15.00	17.80	22.25	31.10	44.50

Cant Hook and Peavy Handles.

2¼ in., Hard Maple, Selected.

Length, Feet	4	4½	5
Ap. Weight Per Dozen, Lbs..	35	40	43
Per Dozen	$5.00	5.60	6.15

2½ in., Wisconsin Rock Maple, Extra Quality.

Length, Feet	4	4½	5
Ap. Weight Per Dozen, Lbs..	40	45	48
Per Dozen	$6.70	7.25	8.35

2½ in., Hard Maple, Selected.

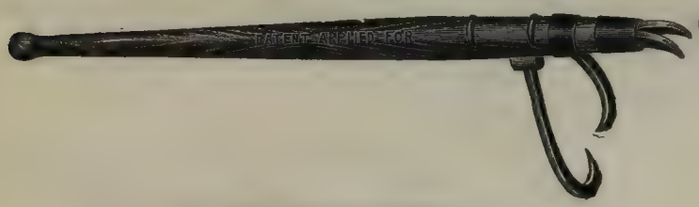
Length, Feet	4	4½	5
Ap. Weight Per Dozen, Lbs..	40	45	48
Per Dozen	$4.70	5.00	5.60

2½ in., Forest Hickory, Selected and Oiled.

Length, Feet	4	4½	5
Ap. Weight Per Dozen, Lbs..	40	45	48
Per Dozen	$7.80	8.35	8.90

NOTE—Bored Peavy Handles $0.25 Per Dozen Net Extra over Regular Handles, F. O. B. Oshkosh, Wis., or Evart, Mich.

Grappling Peavies.



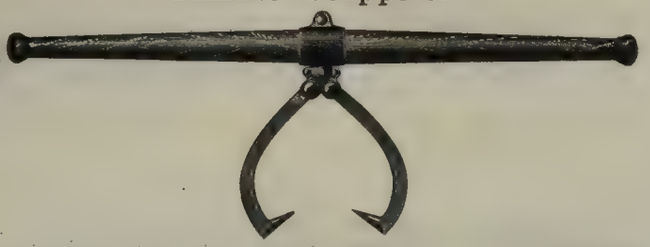
Hard Maple Handle.

	Per Dozen
No. 46—Patent Tie, 48 in. Handle, Crucible Cast Steel Hooks	**$32.25**

This Peavy is adapted for handling, loading and unloading railroad ties, posts, etc.

Weight Per Dozen About 75 Pounds.

Timber Grapples.



Duck Bill.

	Per Dozen
No. 23—Crucible Cast Steel Hook, Opens 14 in., 42 in. Selected Hard Maple Handle, Malleable Iron Clasp	**$28.50**

Weight Per Dozen About 100 Pounds.

Extra Handles—For No. 23 Timber Grapples..... **6.70**

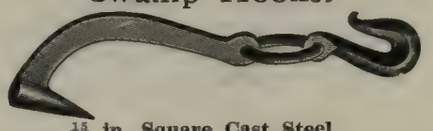
Loading Hooks.

¾ in. Square Cast Steel.

	Per Dozen
No. 28—Heavy Round Upset Point, Swedes Iron Ring	**$16.25**

Weight Per Dozen About 30 Pounds.

Swamp Hooks.

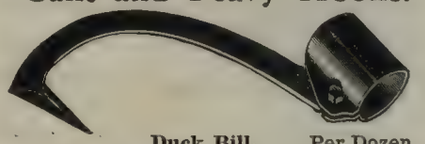


$\frac{15}{16}$ in. Square Cast Steel.

	Per Dozen
No. 30—Heavy Round Upset Point, Swedes Iron Grab Hook and Ring	**$27.80**

Weight Per Dozen About 65 Pounds.

Cant and Peavy Hooks.



Duck Bill.

	Per Dozen
No. 50—1x$\frac{7}{16}$ in. Crucible Cast Steel, Malleable Iron Clasp, Steel Bolt	**$17.20**
No. 55—1x$\frac{5}{16}$ in. Crucible Cast Steel, Wrought Iron Clasp, Steel Bolt	**19.50**

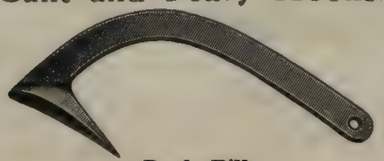
Weight Per Dozen About 25 Pounds.

Duck Bill.

	Per Dozen
No. 60—1x$\frac{7}{16}$ in. Crucible Cast Steel, Short Malleable Iron Clip, Steel Bolt	**$15.00**

Weight Per Dozen About 25 Pounds.

Cant and Peavy Hooks.



Duck Bill.

	Per Dozen
No. 65—1x$\frac{7}{16}$ in. Crucible Cast Steel, without Clasp or Bolt	**$11.65**
No. 66—Connor's, 1x½ in. Crucible Cast Steel, without Clasp or Bolt	**17.20**

Weight Per Dozen About 25 Pounds.

Duck Bill.

	Per Dozen
No. 482—1⅛x½ in., Hammered Crucible Cast Steel, Heavy Upset Point, for 3 in. Tools	**$13.35**

Weight Per Dozen About 35 Pounds.

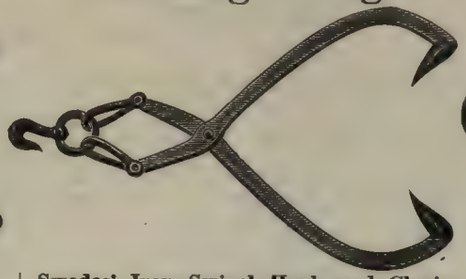
Skidding Tongs.

With Grab or Chain Hook.

Each

No. 25—1⅛ in. Octagon Crucible Cast Steel, Opens 30 in., Swedes Iron Swivel Hook and Clevis, Weight Each About 23 Lbs. **$7.25**

No. 27—1 in. Steel, Opens 24 in., Otherwise Same as No. 25, Weight Each About 16 Lbs.. **6.50**

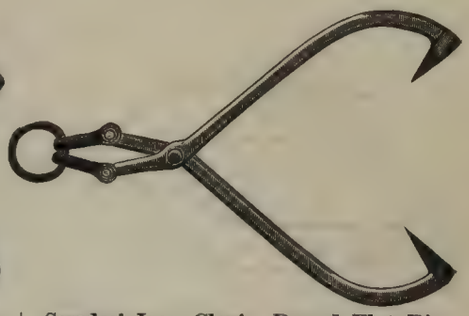


Swedes' Iron Swivel Hook and Clevis.

Each

No. 26—1½x⅝ in. Flat Crucible Cast Steel, Opens 30 in..... **$7.25**

Weight Each About 23 Pounds.



Swedes' Iron Clevis, Round Flat Ring.

Each

No. 28—1⅛ in. Octagon Crucible Cast Steel, Opens 30 in., Weight Each About 23 Lbs. **$7.25**

No. 29—1 in. Steel, Opens 24 in., Otherwise Same as No. 28, Weight Each About 16 Lbs. **6.20**

Cant Hook Clasps.

Nos. 12 and 13.

Wrought Iron, without Bolt.

Per Dozen

No. 12—For 2½ in. Handle..... **$7.25**
No. 13—For 2¼ in. Handle..... **7.25**

Weight Per Dozen About 12 Pounds.

Malleable Iron, with Bolt.

Per Dozen

No. 209—For 2¼ in. Handle..... **$5.00**
No. 210—For 2⅜ in. Handle..... **5.60**
No. 211—For 2½ in. Handle..... **6.15**

Weight Per Dozen About 10½ Pounds.

Nos. 209 to 211.

Cant Hook Clips.

Short.

Per Dozen

No. 15—2¼x4½ in., Malleable Iron **$1.60**

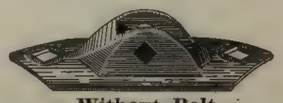
Weight Per Dozen About 10 Pounds.

Sanford's Improved.

Per Dozen

No. 346—1¾x6½ in., Malleable Iron **$2.25**

Weight Per Dozen About 10 Pounds.



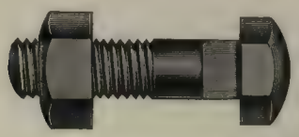
Without Bolt.

Per Dozen

No. 200—5⅝x1¾ in., Wrought Steel **$2.80**

Weight Per Dozen About 6½ Pounds.

Cant Hook or Peavy Bolts.



Per 100

No. 18—1¾x$\frac{7}{16}$ in., Steel..... **$3.80**

Weight Per 100 About 14 Pounds.

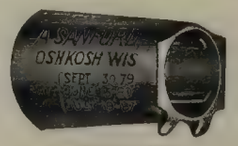
Toe Rings.

Malleable Iron.

Per Dozen

No. 206—1½ in. Long, for 2½ in. Handle **$1.45**

Weight Per Dozen About 6 Pounds.

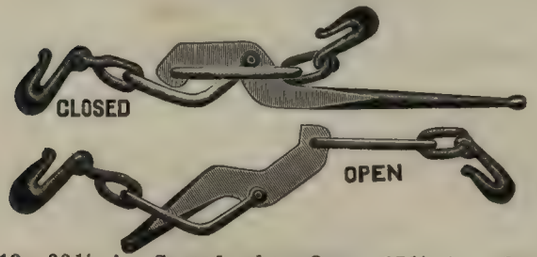


Never Slip.

Nos.	3	4
For Handles, In....	2¼	2⅜
Ap. Wt. Dozen, Lbs.	4½	5½
Per Dozen	**$2.00**	**2.00**

Nos.	5	6
For Handles, In....	2½	2⅝, 2¾
Ap. Wt. Dozen, Lbs.	6½	7½
Per Dozen	**$2.00**	**2.00**

Load Binders.



Each

No. 10—22½ in. Spread when Open, 17½ in. when Closed, Forged Steel Handle, Clevis and Hooks, Takes up Slack of 5½ in., Fits any Chain from ¼ to $\frac{9}{16}$ in..... **$3.15**

Weight Each About 16 Pounds.

The Binder is used to bind lumber, ties, logs, poles, timbers, boilers, pipe, hay and mixed loads, in fact any load which requires binding with a chain, in a minute's time, with the danger of the boom pole entirely done away with. For binding loads of soft or finished lumber just enough slack may be taken up to insure the load from slipping.

Bark Spuds.

12 in. Maple Handle.

Per Dozen

No. 40—Blade Forged from High Carbon Steel, Full Polished **$18.90**

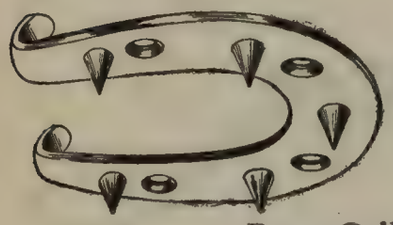
Weight Per Dozen About 36 Pounds.

Extra Handles **2.60**

Heel Plates.

NEVER SLIP

Sheet Steel, Polished, Steel Calks.



	Per Dozen
No. 1—Fits Nos. 10 to 12 Rubber or Large Heels, Weight Per Dozen About 2½ Lbs.	$3.90
No. 2—Fits Nos. 7 to 10 Rubber Heels, Weight Per Dozen About 2¾ Lbs.	3.90
No. 3—Fits Nos. 5 to 7 Rubber Heels, Weight Per Dozen About 3 Lbs.	3.90

Prevents slipping while walking on roads, logs and ice; a useful article for lumbermen, icemen, log scalers and teamsters.

One Dozen Pairs Assorted Sizes in a Carton, Complete with Clinch Nails.

Boot Calks.

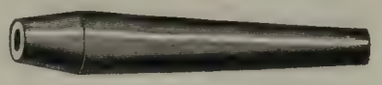
Cuts Full Size.

Best Quality Crucible Steel.

Nos.	000	00	0	1	2	3
Ap. Wt. 1000, Lbs.	3	3⅛	3¼	3⅜	5¼	6
Per 1000	$4.50	4.50	4.50	4.50	4.50	4.50

Nos. 000 to 2, 100 in a Box, 1,000 in a Package; No. 3, 50 in a Box, 500 in a Package.

Calk Sets.



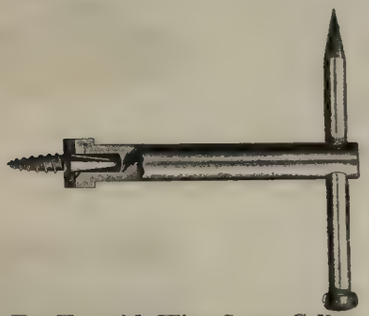
Polished.

	Per Dozen
No. 10—Cast Steel	$3.35

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

Wing Screw Calk Wrenches.



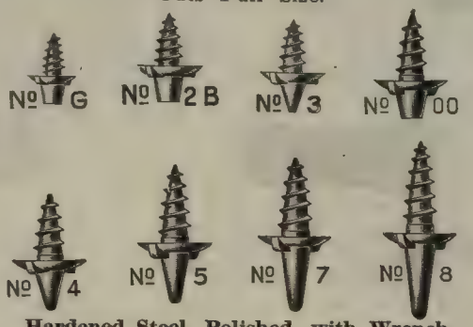
For Use with Wing Screw Calks.

	Per Dozen
No. 25—Steel, Polished	$2.25

Weight Per Dozen About 5 Pounds.

Wing Screw Calks.

Cuts Full Size.



Hardened Steel, Polished, with Wrench.

Nos.	G	2B	3	00
Ap. Wt. Per 100, Lbs.	⅜	½	½	¾
Per 100	$1.35	1.35	1.35	1.35

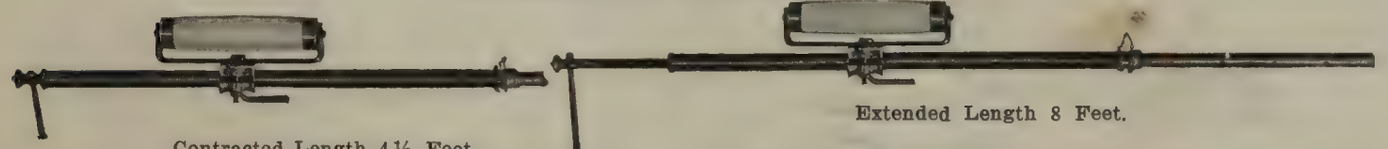
Nos.	4	5	7	8
Ap. Wt. Per 100, Lbs.	½	⅝	⅝	⅞
Per 100	$1.35	1.35	1.35	1.35

Easily Inserted or removed with wrench. Adapted for sporting shoes, miners, prospectors, lumbermen, loggers, etc.

50 in a Box.

Lumber Rollers.

OSHKOSH DOUBLE EXTENSION



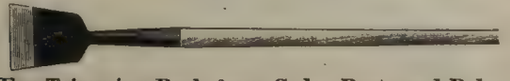
Contracted Length 4½ Feet.

Extended Length 8 Feet.

Extended Length 8 ft., Contracted Length 4½ ft., Adjustable Roller, Best Grade Steel Pipe Beam.

	Each
No. 1—With 18 in. Adjustable Wood Roller, Weight Each About 42 Lbs.	$13.50
No. 2—With 14 in. Adjustable Iron Roller, Weight Each About 43 Lbs.	14.25
No. 3—With 18 in. Adjustable Iron Roller, Weight Each About 50 Lbs.	14.85

Cedar Spuds.

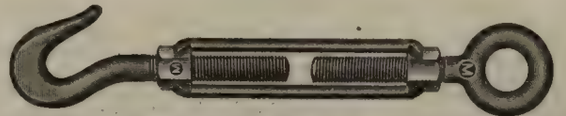


For Trimming Bark from Cedar Posts and Poles.

	Per Dozen
No. 50—Special Tool Steel Blade, Tempered, 5½ in. Ground Cutting Edge, 4 ft. Maple Handle, 1½ in. Diameter	$24.50

Weight Per Dozen About 60 Pounds.

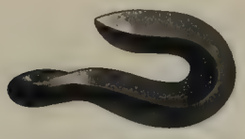
Turnbuckles.



No. 150—Drop Forged, with Eye Bolt and Hook, Galvanized.

Size, Inches	¼	⅜	⅜	7/16	½
Ap. Weight Each, Lbs.	¼	½	¾	1¼	1⅝
Each	$0.52	.55	.59	.65	.70

Chain Hooks.



No. 1—Grab, Wrought Iron.

Inches	¼	5/16	⅜
Ap. Wt. Each, Lbs.	5/16	7/16	⅞
Each	$0.11	.13	.17
Inches		7/16	½
Ap. Wt. Each, Lbs.		1 1/16	1¾
Each		$0.20	.30

No. 2—Round, Wrought Iron.

Inches	¼	5/16	⅜
Ap. Wt. Each, Lbs.	5/16	½	13/16
Each	$0.11	.13	.17
Inches		7/16	½
Ap. Wt. Each, Lbs.		1 1/16	1½
Each		$0.20	.30

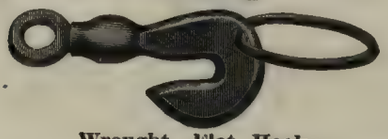
Safety Hooks.

O'Kelly, Forged Steel.

Capacity, Tons	½	1
Ap. Wt. Each, Lbs.	¾	1¾
Each	$1.35	2.25
Capacity, Tons	3	6
Ap. Wt. Each, Lbs.	9	19½
Each	$7.20	13.50

Will not straighten out; carries the load from two points, thus forming a link when closed.

Evener Swivel Hooks.



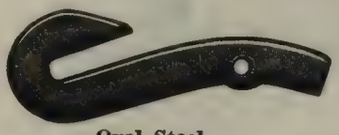
Wrought, Flat Hook.

Per Dozen

No. 201—4½ in. Hand Ring, Blind Swivel and Large Eye to Attach to Evener Staple $17.80

Weight Per Dozen About 44 Pounds.

Cornerbind Hooks.



Oval Steel.

Per Dozen

No. 156—1⅛ in., Plain..... $5.60

Weight Per Dozen About 23 Pounds.

Malleable Iron.

Per Dozen

No. 113—1¼ in., Plain..... $5.90

Weight Per Dozen About 19½ Pounds.

Repair Links.

No. 010—Malleable Iron, Plain.

Inches	5/16	⅜
Ap. Wt. Dozen, Lbs.	2	3
Per Dozen	$0.60	.80
Inches	7/16	½
Ap. Wt. Dozen, Lbs.	4	5
Per Dozen	$1.30	1.60

No. 15—Drop Forged Steel, Interlocking Lug.

Inches	¼	5/16	⅜	7/16
Ap. Wt. Dz., Lbs.	1	1½	2	2½
Per Dozen	$1.12	1.25	1.35	1.50
Inches	½	⅝	¾	
Ap. Wt. Dz., Lbs.	3¼	5	8	
Per Dozen	$1.70	2.25	3.60	

No. 20—Open, Wrought Iron, Plain.

Inches	3/16	¼
Ap. Wt. Dozen, Lbs.	½	¾
Per Gross	$1.25	1.35
Inches	5/16	⅜
Ap. Wt. Dozen, Lbs.	1	1¾
Per Gross	$2.00	3.00

S Hooks.

No. 70—Wrought Iron, Plain.

Inches	1⅛	1¾	2	2½
Ap. Wt. Gross, Lbs.	4	5	8	10
Per Gross	$2.15	2.45	2.60	3.40

No. 72—Wrought Iron, Galvanized.

Inches	1⅛	1¾	2
Ap. Weight Per Dozen, Lbs.	4	5	8
Per Dozen	$2.90	3.35	3.80

Cold Shuts.

No. 80—Wrought Iron, Plain.

Inches	¼	5/16	⅜	7/16
Ap. Wt. Doz., Lbs.	¾	1	2	3¼
Per Dozen	$0.36	.40	.45	.55
Inches	½	3/16	⅝	
Ap. Wt. Doz., Lbs.	4¾	6	9½	
Per Dozen	$0.80	1.00	1.20	

SARGENT'S, Wrought Iron, Plain.

Nos.	10	11	12	13	14
Inches	¼	5/16	⅜	7/16	½
Ap. Wt. Dozen, Lbs.	1	1½	3	5	6½
Per Dozen	$0.67	.84	1.05	1.35	1.56

Wood Tackle Blocks.

Wood Shell, Inside Iron Strapped, Iron Sheave, Common Iron Bushed, Regular Mortise.

Length of Block, Inches	3	4	5	6	7	8	9	10	12	14	15
Diam. of Sheave, Inches	1¾	2¼	3	3½	4¼	4¾	5½	6¼	8	9½	10
For Rope, Diam., Inches	⅜	½	⅝	¾	⅞	1	1	1⅛	1¼	1⅜	1½
Ap. Weight Each, Lbs.	1	1½	2½	4	5½	8½	11	13½	22½	31	45
Single Each,	$0.32	.38	.40	.50	.58	.74	.82	1.22	2.00	3.12	3.55
Ap. Weight Each, Lbs.	1½	2½	4¼	6½	9	11½	15	21	34	43	57
Double Each,	$0.58	.71	.78	.90	1.08	1.26	1.51	2.00	3.35	4.70	5.80
Ap. Weight Each, Lbs.	2	3	5½	9	11½	13	21	28	47	58	73
Triple Each,	$0.78	.95	1.00	1.30	1.55	1.90	2.12	2.80	5.72	6.70	8.00

We can furnish above Blocks with **Wood Sheaves** if so ordered at a slight advance in price.

Wood Snatch Blocks.

Wood Shell, Iron Strapped, Iron Sheave, Iron Bushed, Self-Locking Clasp.

Length of Block, Inches	6	7	8	10	12	14	16
Diameter of Sheave, Inches	3	3½	4½	5¾	6¾	8	9
For Rope Diameter, Inches	⅞	⅞	1	1¼	1½	1¾	2
Weight Each About, Lbs	6	8½	12	21	31	44	63
Each	$2.70	3.20	3.85	5.70	6.70	8.70	11.35

Malleable Tackle Blocks.

NOVELTY

Malleable Iron Shell, Iron Sheave, Steel Roller Bushing, Wrought Iron Hook.

Single.

Nos.	41	61	81	101	121
Length of Block, Inches	5½	7½	9½	12½	15
For Rope, Diameter, Inches	½	¾	1	1¼	1½
Approximate Weight Each, Lbs	3	6	8	12	19
Each	$1.35	2.00	3.00	5.60	11.15

Double.

Nos.	42	62	82	102	122
Length of Block, Inches	5½	7½	9½	12½	15
For Rope, Diam., Inches	½	¾	1	1¼	1½
Ap. Weight Each, Lbs.	4	8	12	19	28
Each	$2.00	3.00	4.60	8.90	17.80

Triple.

Nos.	43	63	83	103	123
Length of Block, Inches	5½	7½	9½	12½	15
For Rope, Diam., Inches	½	¾	1	1¼	1½
Ap. Weight Each, Lbs.	5	12	19	28	40
Each	$2.70	4.00	6.15	12.25	24.50

Closed.

Malleable Snatch Blocks.

Malleable Iron Shell, Iron Sheave, Steel Roller Bushing, Wrought Iron Hook.

Nos.	88	108
Length of Block, Inches	9	11
For Rope, Diameter, Inches	1	1¼
Approximate Weight Each, Lbs	18	37
Each	$7.25	10.00

Open.

Steel Tackle Blocks.

HARTZ

No. 0600.

No. 0601.

No. 0602.

Wrought Steel Shell with Rolled Edges, Inside Iron Strapped, Japanned, Iron Bushed, Regular Mortise, Safety Link Hooks.

No. 0600—Single.

Length of Block, Inches	4	5	6	8	9	10	12	14
Diameter of Sheaves, Inches	2¼	2¾	3¼	4¾	5½	6	7½	8½
For Rope, Diameter, Inches	½	⅝	¾	1	1⅛	1¼	1⅜	1½
Approx. Weight Each, Lbs	1¾	3¾	4½	10	14	18	27	38
Each	$0.85	.90	1.10	1.65	1.85	2.75	4.45	7.00

No. 0601—Double.

Approx. Weight Each, Lbs	2¾	4½	6½	14	20	27	38	50
Each	$1.60	1.75	2.00	2.85	3.40	4.50	7.50	10.50

No. 0602—Triple.

Approx. Weight Each, Lbs	4	7	9¼	20	28	36	50	65
Each	$2.15	2.25	2.90	4.25	4.75	6.25	10.65	15.00

All Single and Double Blocks are provided with Becket. Triple Blocks will always be sent without Becket, unless otherwise ordered. Steel Blocks are only furnished with Iron Sheaves.

Steel Snatch Blocks.

Closed.

Open.

No. 314—Steel Shell, Iron Sheaves, Iron Bushed, Self-Lubricating.

Length of Block, Inches.	7	8	10
Size of Sheave, In.	3½x1¼x½	4½x1⅝x⅝	5¾x1⅞x¾
For Rope, Inches.	⅞	1	1¼
Ap. Weight Each, Lbs.	11	13	24
Each	$5.25	6.20	9.50

Length of Block, Inches.	12	14	16
Size of Sheave, In.	6¾x2⅛x¾	8x2¼x⅞	9x2⅝x1
For Rope, Inches.	1⅛	1¾	2
Ap. Weight Each, Lbs.	36	50	65
Each	$11.90	15.20	20.00

No. 320—Steel Shell, Iron Sheave, Iron Bushed, Drop Link.

Length of Block, Inches.	7	8	10
Size of Sheave, In.	3½x1¼x½	4½x1⅝x⅝	5¾x1⅞x¾
For Rope, Inches.	⅞	1	1¼
Ap. Weight Each, Lbs.	4½	10	18
Each	$3.70	4.70	6.00

Length of Block, Inches.	12	14	16
Size of Sheave, In.	6¾x2⅛x¾	8x2¼x⅞	9x2⅝x1
For Rope, Inches.	1⅛	1¾	2
Ap. Weight Each, Lbs.	26	37	48
Each	$7.70	10.00	12.35

Steel Tackle Blocks.

No. 1841.

No. 1842.

No. 1843.

Steel Shell with Rounded Edges, Iron Sheave, Iron Bushed.

No. 1841—Single.

Length of Block, Inches	3	4	5	6	7	8
Size of Sheave, Inches	1¾x½	2¼x⅝	3x¾	3½x1	4¼x1	4¾x1⅛
For Rope, Diameter, Inches	⅜	½	⅝	¾	⅞	1
Ap. Weight Each, Lbs.	⅞	1¼	2	3	5	7
Each	$0.32	.38	.40	.50	.60	.75

No. 1842—Double.

Ap. Weight Each, Lbs.	1½	2	3	5	8	10½
Each	$0.60	.72	.80	.90	1.08	1.30

No. 1843—Triple.

Ap. Weight Each, Lbs.	2½	4	5	7	11	15
Each	$0.80	.97	1.00	1.30	1.60	1.90

Derrick and Hoisting Blocks.

HARTZ, FOR WIRE ROPE

Wrought Steel Shell, Inside Straps, Iron Sheaves, Self-Lubricating Graphite Bronze Bushings.

No. 0620—Single, With Guard.

Length of Block, Inches	9	10½	12	13
Size of Sheave, Inches	6¼x1¼x⅝	8x1⅝x¾	9½x1½x⅞	10½x1⅝x1
For Wire Rope, Diameter, Inches	¼ to ⅜	⅜ to ½	⅜ to ½	½ to ⅝
Ap. Weight Each, Lbs.	14	20	30	45
Each	$6.45	7.20	8.55	10.10

No. 0621—Double, Without Guard.

Length of Block, Inches	9	10½	12	13
Size of Sheave, Inches	6¼x1¼x⅝	8x1⅝x¾	9½x1½x⅞	10½x1⅝x1
For Wire Rope, Diameter, Inches	¼ to ⅜	⅜ to ½	⅜ to ½	½ to ⅝
Ap. Weight Each, Lbs.	14	20	30	45
Each	$7.90	10.00	12.65	15.85
Extra Sheaves, for Hartz Derrick and Hoisting Blocks	2.00	2.80	3.35	4.25

Derrick and Hoisting Blocks.

FOR WIRE ROPE

No. 390.

Wrought Iron Diamond Shell, Iron Sheave, Phosphor Bronze Bushed, Stiff Swivel Hook.

No. 390—Single.

Size of Sheave, In.	6x1x¾	8x1x¾	10x1¼x⅞	12x1½x1	14x1½x1	16x1½x1¼
For Wire Rope, In.	⅜	½	⅝	⅝	¾	⅞
Ap. Wt. Each, Lbs.	17	23	33	47	65	91
Each	$9.50	11.60	13.75	15.85	17.90	20.50

No. 391—Double.

Ap. Wt. Each, Lbs.	21	27	50	75	100	147
Each	$17.90	20.00	22.15	24.25	26.35	31.60

No. 391½—Triple.

Ap. Wt. Each, Lbs.	28	40	71	100	130	210
Each	$23.15	25.35	29.50	32.75	35.90	42.25
Extra Iron Bushed Sheaves for above, ea.	.80	1.35	2.40	3.40	4.65	6.35

No. 391.

Derrick and Hoisting Blocks.

HARTZ

No. 0620S.

For Wire Rope, With Stiff Swivel Hook, Without Guard.

No. 0620S—Wrought Steel Shell, Inside Straps, Iron Sheave, Self-Lubricating Graphite Bronze Bushings.

Length of Block, In.	12	13
Size of Sheave, In.	9½x1½x⅞	10½x1⅝x1
For Wire Rope, Diam., In.	⅜ to ½	½ to ⅝
Ap. Weight Each, Lbs.	30	40
Each	$8.60	10.15
Ex. Sheave for Above, Each	3.35	4.25

Snatch Blocks.

For Wire Rope.

No. 428—Wrought Iron, Iron Sheave, Phosphor Bronze, Bushed, Drop Link.

Dia. of Sheave, In.	10	12	14	16	18
For Wire Rope, in.	⅝	⅝	¾	⅞	1
Ap. Wt. Each, Lbs.	24	32	56	81	102
Each	$19.00	22.20	24.30	34.85	46.50
Extra Iron Bushed Sheaves for above, Each	2.40	3.20	5.15	6.55	11.10

No. 428.

Loading Blocks.

Wrought Steel Shell, 5⅛x1⅝ in. Sheave, ⅝ in. Steel Pin, Plain Bushing.

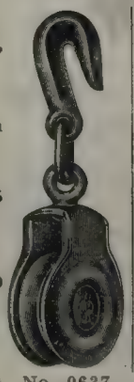
No. 0636.

Each

No. 0636—Stiff Swivel, Wrought Round Hook.....$2.25

No. 0637—Link and Swivl Eye, Wrought Grab Hook.. 2.80

Weight Each About 20 Pounds.



No. 0637.

Combined Loading and Snatch Block, Wrought Iron Shell, Swedes Iron Swivel Hook, Self-Locking Clasp.

No. 225—Open.

Each

No. 225—5x1½ in., Plain Iron Sheave $3.35

No. 227—5x1½ in., Grooved Iron Sheave for Chain..... 3.60

Weight Each About 18 Pounds.

Cut Shows Sheave for No. 227.

No. 215.

No. 0215.

Wrought Iron Shell, 5x1½ in. Plain Iron Sheave.

Each

No. 215—With Wrought Swivel Chain Hook.....$2.15

No. 0215—With Wrought Swivel Grab Hook..... 2.25

Weight Each About 19 Pounds.

No. 0217—With Chain Sheave.

Wrought Iron Shell, 5x1½ in. Grooved Iron Sheave, For Chain.

Each

No. 217—With Wrought Swivel Chain Hook.....$2.15

No. 0217—With Wrought Swivel Grab Hook..... 2.25

Weight Each About 19 Pounds.

Log Jammer Blocks.

For 1½ in. Wire Rope.

Steel Shell, Wrought Iron Shackle.

No. 345.

	Each
No. 345—10x1½ in. Iron Sheave, Phosphor Bronze Bushed	$5.00

Weight Each About 8 Pounds.

Lumbermen's Blocks.

For ⅜ to ½ in. Wire Rope.

Steel Shell, Flared Edges, Heavy Iron Straps and Hooks, 8x1⅛x¾ in. Gray Iron Sheave, Self-Lubricating Graphite Bronze Bushings.

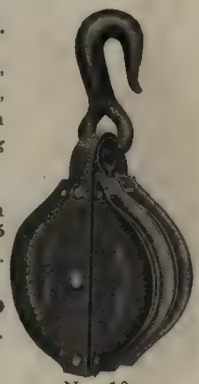
No. 5.

	Each
No. 5—Single	$6.15

Weight Each About 4 Pounds.

No. 10—Double	$10.00

Weight Each About 7 Pounds.



No. 10.

Tackle Block Sheaves.

Lignumvitae, Iron Bushed.

For Blocks, Inches	3	4	5	6	7	8	9	10	12	14	15
Size, Inches	1¾x½	2¼x⅝	3x¾	3½x1	4¼x1	4¾x1⅛	5¾x1⅛	6¼x1¼	8x1⅝	9½x1⅝	10x1⅝
Size of Hole, In.	⅜	⅜	⅜	½	½	⅝	⅝	¾	¾	⅞	⅞
Ap. Wt. Each, Lbs.	1/16	⅛	¼	9/16	¾	1	1 7/16	1 13/16	3	6¼	6½
Each	$0.15	.18	.34	.42	.50	.58	.75	.92	1.50	2.25	2.50

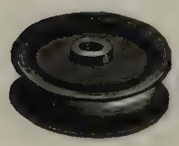
Cast Iron, Iron Bushed.

For Blocks, Inches	3	4	5	6	7	8	9	10	12	14	15
Size, Inches	1¾x½	2¼x⅝	3x¾	3½x1	4¼x1	4¾x1⅛	5¾x1⅛	6¼x1¼	8x1⅝	9½x1⅝	10x1⅝
Size of Hole, Inches	⅜	⅜	⅜	½	½	⅝	⅝	¾	¾	⅞	⅞
Ap. Weight Each, Lbs.	⅛	¼	½	⅞	1 7/16	1½	2¼	3¼	5⅛	7⅝	9⅛
Each	$0.09	.12	.18	.23	.34	.45	.56	.67	.90	1.35	1.56

Cast Iron, Iron Bushed, for Hartz Steel Blocks.

For Blocks, Inches	4	5	6	8	9	10	12	14
Size, Inches	2¼x11/16	2¾x⅞	3¼x1	4¾x1¼	5½x1½	6x1⅝	7½x1¾	8½x1⅞
Size of Hole, Inches	⅜	7/16	½	⅝	11/16	¾	⅞	1
Ap. Weight Each, Lbs.	¼	½	¾	1⅞	2¼	3¼	5	6¾
Each	$0.18	.20	.34	.55	.68	.87	1.28	1.70

Snatch Block Sheaves.



Cast Iron, Iron Bushed.

For Blocks, Inches	6	7	8	9	10	12	14
Size, Inches	3x1⅛	3½x1¼	4½x1⅝	5x1⅝	5¾x1⅞	6¾x2⅛	8x2¼
Size of Hole, Inches	½	½	⅝	⅝	¾	¾	⅞
Ap. Weight Each, Lbs.	1	1½	2¼	2¾	4¼	7¼	10¼
Each	$0.23	.34	.45	.56	1.12	1.70	2.25

Cast Iron, Iron Bushed, For Hartz Steel Snatch Blocks.

For Blocks, Inches	7	8	10	12	14	16
Size, Inches	3½x1¼	4x1½	5½x1½	7x2	8x2¼	9x2⅝
Size of Hole, Inches	½	⅝	⅞	1	1⅛	1¼
Ap. Weight Each, Lbs.	1½	2¼	4¼	7¼	10¼	15
Each	$0.38	.53	.94	1.50	2.20	3.00

Loading Block Sheaves.

Cast Iron, Iron Bushed.

For Rope.

	Each
No. 230—5x1½ in., Plain, ⅝ in. Hole	$0.56

Weight Each About ¾ Pound.

For Chain.

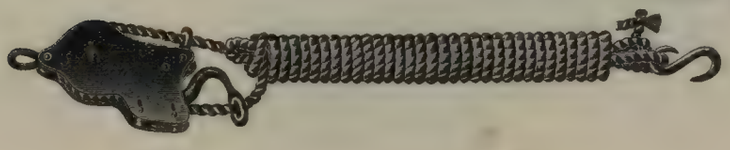
	Each
No. 228—5x1½ in., Grooved, ⅝ in. Hole	$0.80

Weight Each About ¾ Pound.

Banana Hoists.

HALL

For Suspending Bunches of Bananas.



Per Dozen

Hall Banana Hoist—All Steel, Neatly Finished, Fitted with Adjustable Safety Lock and Dog, Capacity 200 Lbs., Complete with ¼ in. Strong Cotton Rope, Ready for Use, Will Hold Load at Any Desired Place $8.90

Weight Each About 9 Pounds.

Hoisting Blocks.

Nos. 34 and 40.

NEY'S MONARCH

Best Grade Steel and Malleable Iron, Red Enameled.

Nos.	32	34	38	40
Sheaves Above	3	2	3	2
Sheaves Below	3	2	3	2
Size of Rope, Inches	⅝ to ¾	⅝ to ¾	⅝ to ⅝	⅝ to ⅝
Diameter of Sheave, Inches	4	4	3	3
Approx. Tensile Strength, Lbs.	7000	6000	3000	3000
Approx. Working Load, Lbs.	3000	3000	1500	1500
One Man Can Lift, Lbs.	700	500	600	400
Ap. Weight Each, Lbs.	14½	11½	7¾	6
Each	$5.80	4.35	3.60	2.90

This Hoist elevates, lowers, locks and unlocks with one rope, the operator having both hands free to control the load. The new patent adjustment gives an adjustment of nearly 90 degrees. Lock can be adjusted so as to allow the operator to assume almost any position desired when using the draft rope. The rope clamp is adjustable and automatic, allowing the use of different size ropes, etc.

Nos. 32 and 38.

Nos. 1, 4 and 7. Nos. 2, 5 and 8.

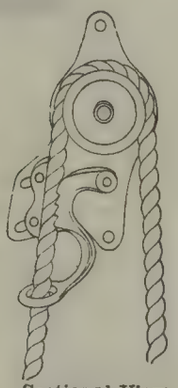
HALL'S SAFETY

Steel Strapped Body, Steel Pins, Forged Steel Hooks, Center Pull.

Nos.	Capacity, Pounds.	For Rope, Inches.	Number of Sheaves.	One Man Can Hoist, Pounds.	Weight Per Set, Pounds.	Each, Without Rope.
H1	400	¼ to ½	1	150	2	$1.35
H2	1500	¼ to ½	2	300	2½	2.70
H3	2000	¼ to ½	3	600	5	3.70
H4	1000	⅜ to ¾	1	175	4½	2.70
H5	2500	⅜ to ¾	2	350	6	4.00
H6	4000	⅜ to ¾	3	650	9	5.35
H7	2500	½ to ⅞	1	200	8	4.00
H8	5000	½ to ⅞	2	400	10	6.75
H9	8000	½ to ⅞	3	700	15	9.35

Will hold load at any desired point; the brake is absolutely safe; the heavier the load the better the grip. A slight movement of the hand to the right or left engages or disengages the brake. It elevates, lowers, locks and unlocks, **with one rope only.** They are indispensable in Factories of all kinds, and for Contractors, Carpenters, Masons, Farmers and Butchers. Can be used in any position or at any angle, in fact, any place where hoisting blocks are used.

Nos. 3, 6 and 9.



Sectional View Showing Adjustable Lock, Shoe and Dog.

Nos. 12 to 16.

MILWAUKEE

Best Malleable Iron.

Nos.	12	14	16
Capacity, Lbs.	2000	1500	1000
For Diameter Rope, Inches	¾	½	⅜
One Man Can Lift, Lbs.	600	600	500
Weight Each, Lbs.	16	7	3½
Each	$5.00	3.35	1.70

It elevates, lowers, locks and unlocks, with one rope only. The operator has only to move his hand to the right or left, and elevate or lower the load at will. The heavier the load the better it holds. It can be used in any position, perpendicular, horizontal, or at any angle.

Used in Factories, Foundries, Machine Shops, Mills, Warehouses and Quarries. It is also indispensable on the farm.

Hoisting Blocks.

Nos. 3 to 6.

SURE GRIP

Steel, Japanned, Automatic Brake, Single Reeved, Two Sheaves Each in Top and Bottom.

Nos.	3	4	5	6
Capacity, Lbs.	600	1000	1800	2500
For Rope, Inches	⅜	½	⅝	¾
One Man Can Lift, Lbs.	300	350	400	450
Ap. Weight Each, Lbs.	5	8	15	25
Each	$3.60	6.60	8.40	10.20

Will hold load at any point without backward slip, thus enabling a man to hoist with half the usual amount of exertion. The wedge-shaped brake has a double grip, and is absolutely automatic and very positive. Its efficiency is as great, proportionately, for raising heavy as light loads. Is susceptible of being disengaged by very slight pressure. Is quick lifting, quick lowering and light.

BURR SAFETY

Steel, Japanned, Automatic Locking, Without Rope.

Nos.	B2	B3	B4	B5	B6	B4½	B5½	B6½
Capacity, Lbs.	600	800	1500	2000	2500	3000	3500	5000
For Rope, Inches	¼	⅜	½	⅝	¾	⅞	⅝	¾
One Man Can Lift, Lbs.	250	300	350	400	450	600	700	850
Ap. Weight Each, Lbs.	2	4⅛	6½	11	17	10	20	28
Each	$1.05	1.60	2.90	3.70	4.50	5.25	6.30	7.35

Nos. B2 to B6½.

Will hold load at any point without fastening the Rope, thus enabling a man to hoist with half the usual amount of exertion. The brake has no teeth or claws to wear rope, and is absolutely automatic and very positive. Its efficiency is as great, proportionately, for raising heavy as light loads Is susceptible of being disengaged by very slight pressure. Is quick lifting, quick lowering and light

HARRINGTON'S IMPROVED SCREW HOIST

Double Chain.

Bronze Worm Gear with Square Hubs, Steel Worm, Reversible Load Wheels with Squared Hubs on Worm Gear, Swivel Load Chain Hook, Gearing Enclosed in Oil Tight Housing, Improved Hand Chain Guard.

Nos.	Capacity, Pounds.	Each.	Extra Lift, Per Foot.	Height of Lift, Feet.	Net Weight, Each, Pounds.
100	500	$37.50	$1.85	8	41
101	1,000	41.70	2.00	8	68
102	2,000	50.00	2.17	8	75
103	3,000	66.70	2.35	8	106
104	4,000	83.35	2.40	9	160
105	6,000	125.00	2.50	10	247
106	8,000	159.70	2.85	10	325
107	10,000	233.35	3.67	12	483
108	12,000	300.00	4.17	12	555
109	16,000	350.00	4.85	12	735
110	20,000	458.35	4.85	12	785
111	30,000	566.70	8.50	12	1179

These hoists are everywhere recognized as the standard hoists of the world. They are compact, powerful and convenient, and are extensively used for all classes of work. They are the most substantial, all-around hoist today in the market, and will wear longer without repairs than any others.

NOTE—Nos. 101 to 106 inclusive are carried in stock. Balance will be shipped direct from Factory.

HARRINGTON'S PEERLESS HOIST

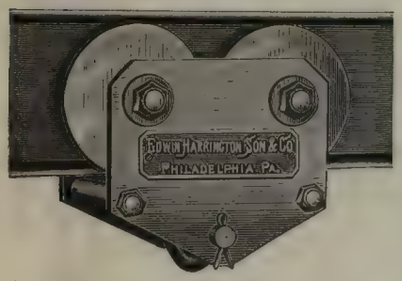
Spur Geared.

Drop Forged Steel Teeth on Gears, Improved Hand Chain Guard, Friction Brake, Noiseless Locking Device, Easy to Operate and Self-Sustaining.

Nos.	Capacity, Pounds.	Each.	Extra Lift, Per Foot.	Height of Lift, Feet.	Net Weight, Each, Pounds.
200	1,000	$54.60	$1.41	8	52
201	2,000	70.20	1.49	8	80
202	3,000	93.60	1.56	8	114
203	4,000	109.20	1.63	9	158
204	6,000	140.40	1.95	10	236
205	8,000	171.60	2.50	10	228
206	10,000	218.40	3.12	12	339
207	12,000	257.40	3.12	12	349
208	16,000	312.00	4.30	12	442
209	20,000	374.40	5.00	12	523
210	30,000	530.40	7.20	12	1012

NOTE—Nos. 200 to 206 inclusive are carried in stock. Balance will be shipped direct from Factory.

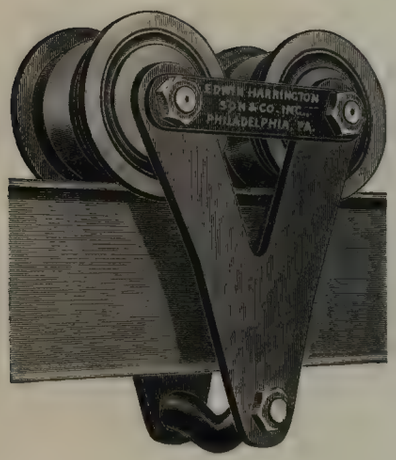
I-Beam Travelers.



Plain, to Run on the Lower Flange of Beam.

Steel Side Plates, Steel Bushings, Roller Bearings, can be Widened to Suit Beams.

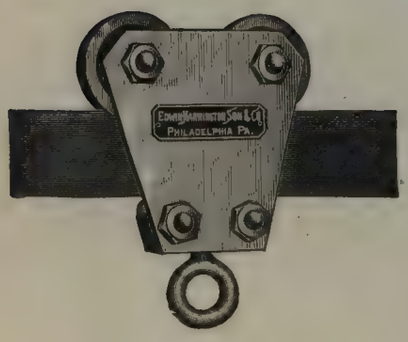
Capacity, Pounds	Standard Size of I Beam, Inches	Each	Net Weight Each, Pounds	Gross Weight Each (Boxed), Pounds.
1,000	5	$23.35	36	47
2,000	6	26.65	43	58
3,000	7	31.75	68	90
4,000	8	36.75	75	102
6,000	9	45.00	109	139
8,000	10	55.00	115	146
10,000	12	71.60	166	205
12,000	15	91.60	213	261
16,000	20	116.60	347	426
20,000	24	141.60	357	436



Plain, to Run on the Top of Beam.

Steel Side Plates, Steel Bushings, Roller Bearings.

Capacity, Pounds	Standard Size of I Beam, Inches	Each
500	4	$50.00
1,000	5	50.00
2,000	6	58.30
3,000	7	58.30
4,000	8	58.30
6,000	9	66.75
8,000	10	66.75
10,000	12	74.95
12,000	15	83.25
16,000	20	125.00
20,000	24	166.50



Plain, to Run on Flat Rail.

Steel Side Plates, Steel Bushings, Roller Bearings.

Capacity, Pounds	Standard Size of Rail, Inches	Each	Net Weight Each, Pounds	Gross Weight Each (Boxed), Pounds.
500	3x1 ½	$18.35	25	38
1,000	3x1 ½	18.35	25	38
2,000	4x ¾	23.35	40	55
3,000	4x ¾	23.35	40	55
4,000	4x ¾	28.30	60	79
6,000	6x1	35.00	80	104
8,000	6x1	35.00	80	104

NOTE—Above items are not carried in stock. Shipped Direct From Factory.

Hoisting Blocks.

DIRECT DIFFERENTIAL

Nos.	Capacity, Tons.	Price, Complete.	Height of Hoist, Feet.	Length of Chain, Feet.	Extra Chain, Each Additional Foot.	Net Weight, Complete, Pounds.
300	¼	$14.60	6	22	$0.57	20
301	½	17.00	7	26	.57	31
302	1	22.70	8	30	.61	53
303	1½	29.20	8½	33	.65	90
304	2	36.50	9	36	.70	128

Height of Hoist, as stated above, is the Number of Feet, which a Block, with regular length of Chain, will hoist from level on which the operator stands. Each additional Foot of Hoist requires four additional Feet of Chain. One man can lift 800 pounds about four feet per minute. They hold the load at any point, and can not run down.

MOORE'S ANTI-FRICTION

Anti-Friction, Improved Automatic Brake.

Double Pinion, Self-Lubricating Friction Surfaces, Self-Sustaining, Holding Load at Any Point, One Man Can Lift the Full Capacity of the Block.

Nos.	Capacity, Tons.	Price, Complete, with Chain.	Extra Main Chain, Per Foot.	Extra Hand Chain, Per Foot.	Height of Hoist, Feet.	Weight of Block, Complete, with Chain, Pounds.
400	½	$39.60	$0.64	$0.64	8	39
401	1	47.50	.70	.64	8	73
402	1½	63.30	.76	.64	8	90
403	2	79.20	.82	.64	9	128
404	3	110.75	.95	.64	10	195
405	4	150.30	1.12	.64	11	250
406	5	197.75	1.26	.64	12	353
407	8	316.35	2.00	.64	12	580
408	10	395.50	2.00	.64	12	625

The heaviest load may be lowered by a slight pull on the hand chain, a few pounds only, and yet is held with perfect safety at every point. The brake may be readily adjusted to lower more or less freely, or to take up wear. The lifting mechanism is simple and powerful. A perpetual compound lever; the highest efficiency; the greatest durability; light, compact and strong. With the sizes up to three tons, inclusive, one man, and with the larger sizes, two men, can lift to the full capacity of the Hoist. The load is self-sustained at every point. All working parts protected from weather and dust. The Hoist always hangs plumb.

For every Additional Foot of Hoist desired, Two Feet extra of both Main and Hand Chain will be necessary.

CYCLONE, HIGH SPEED

Graphite Bronze Bushed Bearings, Self-Lubricating. They Require no Oil and Will Run Indefinitely without Cutting. Eccentric Shafts, Automatic Brake.

The Lift Wheel, that is the Sprocket Wheel which carries the Lift Chain, is cast in one piece with the Spur Wheel that drives it.

Nos.	Capacity, Tons.	Each, Complete.	Height of Lift, Feet.	Extra Chain Per Foot of Lift.	Weight, Complete, with Chains, Pounds.	Chain Pull to Lift Full Load, Pounds.	One Foot, Feet of Chain Handled, to Lift Load
30	½	$62.20	8	$2.32	62	64	20½
31	1	80.00	8	2.46	85	79	33
31½	1½	106.60	8	2.56	107	100	39
32	2	124.35	9	2.74	160	109	47
33	3	160.00	10	3.02	195	115	69
34	4	195.40	10	3.37	250	115	91
35	5	248.65	12	3.75	386	104	123

Figures in fourth column denote approximate height, which blocks, with regular lengths of chain, will lift from level on which operator stands.

For every additional foot of lift desired, two feet extra of both main and hand chain will be necessary.

The automatic brake permits the spinning of the hand wheel in either direction when there is no load, locks the load with perfect safety, and yet permits its free lowering by a very slight reverse pull on the hand chain.

Jack Screws.

HOUSE MOVERS'

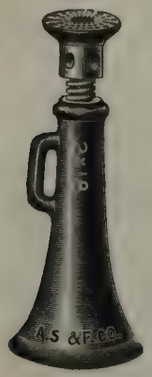
Cast Iron.

Nos.	25	24
Diameter of Screw, Inches	3	3
Length of Screw, Inches	18	24
Length Over All, Inches	24	30
Ap. Weight Each, Lbs.	50	70
Each	$3.90	4.50

Each

Extra Cast Iron Caps $0.70

LOCOMOTIVE



Wrought Iron Screw, Cast Iron Stand.

Diameter of Screw, Inches	Length of Screw, Inches	Height of Stand, Inches	Height Over All, Inches	Weight Each, Pounds	Each	Diameter of Screw, Inches	Length of Screw, Inches	Height of Stand, Inches	Height Over All, Inches	Weight Each, Pounds	Each
1½	6	6	8½	14	$2.10	2	14	14	17¼	44	$4.60
1½	8	8	10½	18	2.40	2	16	16	19¼	53	5.15
1½	10	10	12½	20	2.65	2	18	18	21¼	63	5.70
1½	12	12	14½	24	2.95	2¼	14	14	17¾	50	5.60
1¾	8	8	10¾	20	2.80	2¼	16	16	19¾	62	6.15
1¾	10	10	12¾	25	3.20	2¼	18	18	21¾	74	6.70
1¾	12	12	14¾	28	3.50	2½	16	16	20	70	7.40
1¾	14	14	16¾	30	3.75	2½	18	18	22	85	8.05
2	12	12	15¼	36	4.20	2½	20	20	24	96	8.75

Open Stock.

Lifting Jacks.

AUTOMOBILE

EUREKA JUNIOR

Aluminum Finish.

Each

No. 0—Height Over All 10 in., Raise of Rack 7 in., Malleable Iron and Specially Selected Steel, for Cars up to 3800 Lbs. $1.15

Weight Each About 3½ Pounds.

EUREKA

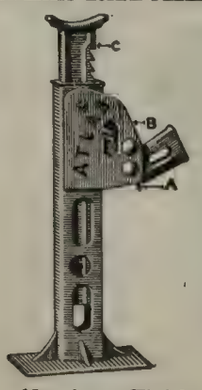
Aluminum Finish.

Each

No. 1—Weight Over All 10 in., Raise of Rack 7 in., Malleable Iron and Specially Selected Steel, for Cars up to 4500 Lbs. $1.50

Weight Each About 5 Pounds.

ATLAS RATCHET



Aluminum Finish.

Each

No. 45—Height Over All 10½ in., Raise of Rack 7½ in., Malleable Iron, for Cars up to 5000 Lbs. . $2.00

Weight Each About 6 Pounds.

Lifting Jacks.

AUTOMOBILE

Malleable Iron Frame, with Step.

Each

No. 400—Height Over All 11 in., Raise of Rack 8½ in., Laminated Steel Rack, Drop Forged Steel Pawls, Tempered, for Cars Weighing from 3000 to 6000 Lbs.....**$5.60**
Weight Each About 11 Pounds.

Black Japanned.

Each

No. 10—Height Over All 10 in., Raise of Rack 6 in., Pressed Steel Throughout, Tempered Steel Pawls, for Cars Weighing from 1000 to 2000 Lbs..**$1.45**
Weight Each About 3½ Pounds.

EUREKA AUTOMOBILE TRUCK

Aluminum Finish.

Each

No. 5—Height Over All 13 in., Raise of Rack 7 in., Malleable Iron and Steel, for Auto Trucks Weighing from 5 to 8 Tons **$5.60**
Weight Each About 15 Pounds.

Lifting Jacks.

JIFFY-JAX, AUTOMOBILE

Black Enameled.

Each

No. 150—Adjustable from 10 to 16 in. High, Raise of Rack 6 in., Malleable Iron and Steel, Steel Music Wire Springs, Capacity from 1500 to 2000 Lbs.....**$1.60**
Weight Each About 4 Pounds.

Tire Saving Jacks.

EUREKA

Aluminum Finish.

Per Set of Four

No. 15—Adjustable to Any Height Wheels, Raise of Rack 2½ in., Malleable Iron **$7.80**
Weight Per Set About 30 Pounds.

JIFFY-JAX

Solid Steel.

Per Set of Four

No. 22—Adjustable from 13¾ to 18⅜ in. High, Raise of Rack 4½ in.....**$7.35**
Weight Per Set About 21 Pounds.

Auto Storage Stands.

Malleable Iron.

Per Set of Four

No. 20—Adjustable to Any Height Wheels.....**$3.35**
Weight Per Set Rbout 13 Pounds.

Wagon Jacks.

COVERT

No. 475.

No. 476.

Per Dozen

All Steel, Japanned, Adjustable Step.

No. 475—Adjustable from 15 to 25 in. High, Leather Covered Step, for Buggies and Light Wagons, Capacity 1000 Lbs., Weight Per Dozen About 72 Lbs.....**$13.90**

No. 476—Adjustable from 15 to 25 in. High, for Heavy Wagons, Capacity 2500 Lbs., Weight Per Dozen About 120 Pounds..... **17.80**

Lifting Jacks.

"BARTH"

Double Action, Reversible.
Malleable Iron, Steel Pins, 11 in. Hardwood Lever. Each

No. 7B—10½ in. High when Lowered, Rise of Rack 7 in., Capacity 1 Ton, **Aluminum Finish** **$2.25**

No. 1B—Spartan Red Enameled, Otherwise Same as No. 7B.. **2.50**

No. 3B—Painted Black, Otherwise Same as No. 7B..... **2.25**

Weight Each About 6½ Pounds.

Double Action, Reversible.
Malleable Iron, Steel Pins, 11 in. Hardwood Lever. Each

No. 2B—14½ in. High when Lowered, Rise of Rack 11 in., Capacity 1 Ton, Painted Black **$3.05**

Weight Each About 9 Pounds.

Double Action, Reversible.
Malleable Iron, Steel Pins, 8 ft. Steel Lever. Each

No. 4B—14 in. High when Lowered, Rise of Rack 8 in., Capacity 3 Tons, Painted Black **$8.00**

Weight Each About 20 Pounds.

No. 5B.

"BARTH"

Double Action, Reversible.
Malleable Iron, Steel Pins, 4 ft. Steel Lever. Each

No. 5B—18 in. High when Lowered, Rise of Rack 11 in., Capacity 6 Tons, Painted Black..... **$12.00**

Weight Each About 33 Pounds.

Double Action, Reversible.
Malleable Iron Frame, Steel Pins, Crucible Steel Rack and Pawls, 5 ft. Long, 2 in. Pipe Lever. Each

No. 6B—20 in. High when Lowered, Rise of Rack 12 in., Capacity 10 Tons, Painted Black..... **$21.35**

Weight Each About 68 Pounds.

No. 6B.

"Barrett" Jacks.

Malleable Iron Frame, Forged Steel Rack, Machine Cut Teeth, Drop Forged Open Hearth Steel Pawls, High Carbon Rolled Steel Fulcrum Pin, Hardened Steel Bearings, Selected Wood Handles.

TRACK OR TRIP

Compound Lever, Double Acting, Recommended for Track Work Only. Each

No. 1T—24 in. High when Lowered, Rise of Rack 13½ in., Size of Bar 1½x1½ in., Capacity 10 Tons..... **$16.20**

Weight Each, with Lever, About 65 Pounds.

No. 1T.

AUTOMATIC LOWERING

Double Acting, Adapted to the Rapid Handling of Mining Machinery, Mine Cars, Agricultural Machinery and Light and Narrow Gauge Track. Each

No. 50—16 in. High when Lowered, Rise of Rack 8 in., Size of Bar 1¼x1¼ in., Capacity 5 Tons..... **$14.40**

Weight Each, with Lever, About 35 Pounds.

No. 50.

AUTOMATIC LOWERING

Malleable Iron Frame, Forged Steel Rack, Machine Cut Teeth, Drop Forged Open Hearth Steel Pawls, High Carbon Rolled Steel Fulcrum Pin, Hardened Steel Bearings, Selected Wood Handles.

Double Acting, Suitable for All General Lifting Purposes.

No.	2L
Capacity, Tons	10
Height, Bar Down, Inches	21
Raise of Bar, Inches	10
Height, Bar Raised, Inches	31
Size of Bar, Inches	1⅝x1½
Approximate Weight Each, Lbs	73
Each	**$22.50**

Single Acting, Especially Designed for Car Repairing and for Handling Lightly Loaded and Empty Cars.

Nos.	19	39
Capacity, Tons	15	15
Height, Bar Down, Inches	28	22
Raise of Bar, Inches	17½	11½
Height, Bar Raised, Inches	45½	33½
Size of Bar, Inches	2x2	2x2
Approximate Weight Each, Lbs	117	106
Each	**$31.50**	**27.00**

No. 2L.

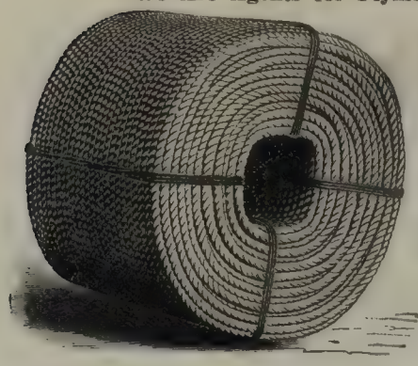
Nos. 19 and 39.

Write for Market Prices.

Rope.

PLYMOUTH

We Are Agents for Plymouth Cordage Co.'s "Plymouth" Pure Manila and Sisal Rope and Lath Yarn.



PLYMOUTH, Pure Manila, Three Strand.

	Per Pound
5/8 to 2 in. Diameter	Base, $.....
2/16, 1/2 and 7/16 in. Diameter	Advance Over Base, .00½
3/8 in. Diameter	Advance Over Base, .01
5/16 and 1/4 in. Diameter	Advance Over Base, .01½
1/16 in. Diameter	Advance Over Base, .02

7/16 to 1/2 in. Inclusive in Full Coils; 9/16 to 1 in. Inclusive in Full and Half Coils; 1⅛ in. and Over in Half Coils.

Full Coils Contain 1200 Feet; Half Coils 600 Feet.

Pure Manila, Four Strand, without Core.

Diameter, Inches	3/4	1 1/8	7/8
Per Pound	$.....	.....	.....

In Full (1200 ft.) or Half (600 ft.) Coils.

Pure Manila, Four Strand, Hard Laid, Oiled Lariat.

Diameter, Inches	7/16	1/2
Per Pound	$.....	.....

In Full (1200 ft.) Coils Only.

PLYMOUTH PURE SISAL

	Per Pound
5/8 to 1 in. Diameter	Base, $.....
2/16, 1/2 and 7/16 in. Diameter	Advance Over Base, .00½
3/8 in. Diameter	Advance Over Base, .01
5/16 and 1/4 in. Diameter	Advance Over Base, .01½
1/16 in. Diameter	Advance Over Base, .02

7/16 to 1/2 in. Inclusive in Full (1200 ft.) Coils; 9/16 to 1 in. Half (600 ft.) Coils.

APPROXIMATE WEIGHT, LENGTH AND STRENGTH OF PLYMOUTH MANILA ROPE

Diameter, Inches	7/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4
Per Coil, Feet	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Weight Per Coil, Lbs.	20	23	35	45	68	91	125	160	200
Feet to Lb.	64	60	40	29	20	14	10	8	6
Estimated Strength, Lbs.	540	620	1,000	1,275	1,875	2,400	3,300	4,000	4,700

Diameter, Inches	1 1/8	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per Coil, Feet	1,200	1,200	1,200	600	600	600	600	600
Weight Per Coil, Lbs.	230	270	335	230	260	380	560	700
Feet to Lb.	5 1/6	4 5/12	3 1/2	2 2/3	2 1/4	1 1/2	1	5/6
Estimated Strength, Lbs.	5,600	6,500	7,500	10,500	12,500	17,000	25,000	30,000

NOTE—Orders for Rope will be filled as follows:

Three Strand Manila 7/16 to 1/2 in. Inclusive in Full (1200 ft.) Coils.
Three Strand Manila 9/16 to 2 in. Inclusive in Half (600 ft.) Coils, unless Full (1200 ft.) Coils are Specified.
Four Strand Manila in Half (600 ft.) Coils, unless Full (1200 ft.) Coils are Specified.
Sisal Rope 7/16 to 1/2 in. Inclusive in Full (1200 ft.) Coils.
Sisal Rope, 9/16 to 1 in. Inclusive in Half (600 ft.) Coils.

For Cutting Manila Rope ¾ in. Diameter and Larger, add 1 cent per pound net. We do not cut Manila Rope under ¾ in. Diameter, nor do we cut Four Strand Manila Rope. We do not cut Sisal Rope.

Cotton Rope.

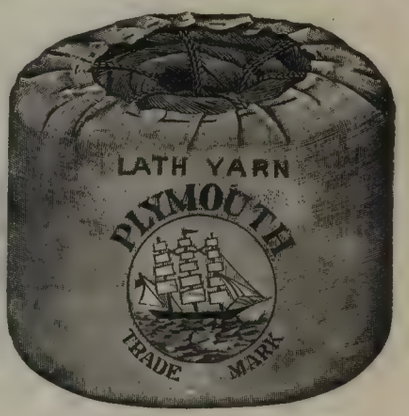
White Cotton.

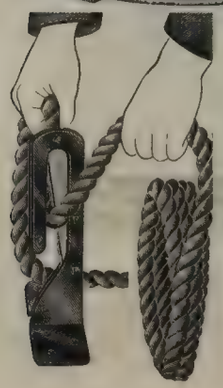
Diameter, Inches	1/4	3/8	1/2
Per Pound	$....	....	....

Lath Yarn.

	Per Pound
Plymouth—Ship Brand, Medium Tarred Sisal, 130 Strands	$....

About 100 Pounds in Coil.





Rope Cutters.

WEISMAN'S

Best Quality Steel Frame.

Each

No. 100—10 in. High, 3 in. Wide, Best Quality Tool Steel Blade, Easily Removed for Sharpening, Bright Red Enameled Finish **$1.90**

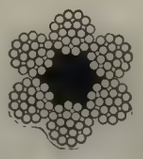
Can be fastened in any position or screwed to a block and moved anywhere.

Weight Each About 2 Pounds.

Wire Rope.

SWEDES IRON HOISTING

Write for Prices.

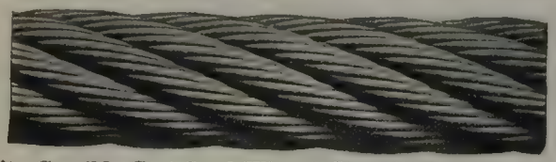
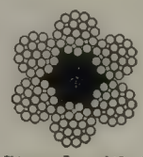


Best Quality Swedish Iron Wire, Soft and Pliable, 6 Strands, 19 Wires to the Strand, with Hemp Center.

Diameter, Inches	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1
Ap. Circumference, Inches	¾	1	1⅛	1¼	1½	1¾	2	2¼	2¾	3
Est'd Wt. Per Foot, Lbs.	0.10	0.15	0.22	0.30	0.39	0.50	0.62	0.89	1.20	1.58
Ap. Breaking Strain in Tons	1.1	1.5	2.4	2.9	3.9	4.7	6.0	8.5	11.8	14.5
Per Foot	$0.06½	.06¾	.07	.07½	.08½	.10	.12	.16	.20	.26

Used for all hoisting and running service. Particularly adapted for freight and passenger elevators.

CRUCIBLE CAST STEEL HOISTING

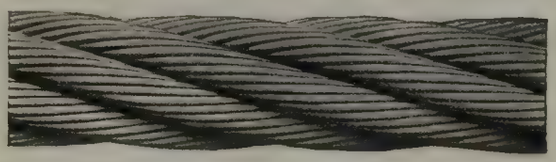
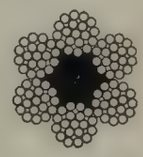



Best Quality Crucible Cast Steel Wire, 6 Strands, 19 Wires to the Strand, with Hemp Core.

Diameter, Inches	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1
Ap. Circumference, Inches	¾	1	1⅛	1¼	1½	1¾	2	2¼	2¾	3
Est'd Wt. Per Foot, Lbs.	0.10	0.15	0.22	0.30	0.39	0.50	0.62	0.89	1.20	1.58
Ap. Breaking Strain in Tons	2.2	3.1	4.8	6.5	8.4	10.0	12.5	17.5	23.0	30.0
Per Foot	$0.09	.09¼	.09½	.10	.11	.12	.14	.19	.24	.31

Adapted to a great variety of uses, in mines, logging, on elevators, derricks, hay presses, dredges, inclined planes, cableways, as drilling lines, etc.

PLOW STEEL HOISTING

Best Quality Plow Steel Wire, 6 Strands, 19 Wires to the Strand, with Hemp Core.

Diameter, Inches	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1
Ap. Circumference, Inches	¾	1	1⅛	1¼	1½	1¾	2	2¼	2¾	3
Est'd Wt. Per Foot, Lbs.	0.10	0.15	0.22	0.30	0.39	0.50	0.62	0.89	1.20	1.58
Ap. Breaking Strain in Tons	2.65	3.80	5.75	8.00	10.00	12.30	15.50	23.00	29.00	38.00
Per Foot	$0.12	.12¼	.12½	.13	.14	.16	.19	.26	.34	.43

Plow Steel Rope is essentially a Safety Rope designed especially for use in extra dangerous places where life is in danger and wherever great strength is needed or rough usage is given.

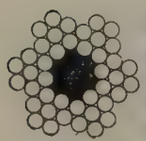
SWEDES IRON ELEVATOR

Best Quality Swedish Iron Wire, 8 Strands, 19 Wires to the Strand, with Hemp Core.

Diameter, Inches	⅜	7/16	½	9/16	⅝	¾	⅞	1
Approx. Circumference, Inches	1⅛	1¼	1½	1¾	2	2¼	2¾	3
Estimated Wt. Per Foot, Lbs.	.20	.28	.35	.45	.56	.80	1.08	1.42
Approx. Breaking Strain in Tons	2⅛	2½	3½	4⅛	5¼	7½	10½	13
Per Foot	$0.08	.08½	.09½	.11	.13½	.18	.22	.29

These Ropes are extremely flexible and are recommended for elevators having a reverse bend.

Guy Rope.



Galvanized Cast Iron Wire, 6 Strands, 7 Wires to the Strand, with Hemp Core.

Diameter, Inches	⅜	½
Approx. Weight Per Foot, Lbs.	0.220	0.390
Per Foot	$0.04½	.06

For ships' riggings, guys for derricks, etc.

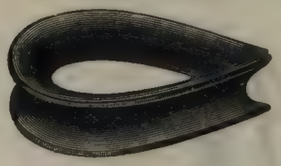
Strand Rope.

Galvanized, 7 Wires to the Strand.

Diameter, Inches	¼	5/16	⅜	½
Ap. Wt. Per 1000 Ft., Lbs.	125	210	295	510
Per 100 Feet	$1.75	2.25	3.50	5.50

Used for guys on stacks, derricks, etc., as span wires for trolleys, for signal strands, etc.

Wire Rope Thimbles.



Galvanized Steel.

For Rope Diameter, Inches.	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1
Ap. Wt. Per 100, Lbs.	3½	5	7	10½	14½	23¼	41¼	48	60
Per Dozen	$0.68	.77	.87	.96	1.06	1.25	1.45	1.55	1.92

Wire Rope Clips or Clamps.

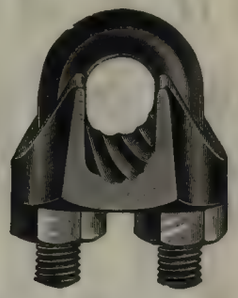
CROSBY

Drop Forged Steel, Galvanized, Will Stand Hammering, Bending and Frosting.

For Rope, Diam., Inches.	¼	5/16	⅜	7/16	½
Ap. Weight Each, Lbs.	⅛	5/16	¼	⅜	½
Each	$0.32	.32	.36	.41	.41

For Rope, Diam., Inches.	⅝	¾	⅞	1
Ap. Weight Each, Lbs.	7/10	1⅛	1½	2
Each	$0.50	.59	.68	.77

UNION



Wrought Iron, Cannot Slip or Break.

For Rope, Diam., Inches.	¼	5/16	⅜	7/16	½
Ap. Weight Each, Lbs.	⅛	5/16	¼	⅜	½
Each	$0.07	.08	.08½	.08¾	.09

For Rope, Diam., Inches.	⅝	¾	⅞	1
Ap. Weight Each, Lbs.	7/10	1⅛	1½	2
Each	$0.11	.14	.17	.19

Triumph Chains.

Bright, for Automobile Tires.

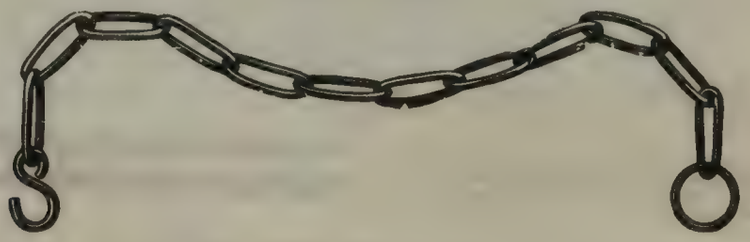
Nos.	3/0	2/0
Ap. Weight Per 100 Feet, Lbs.	26	21½
Per 100 Feet	$6.70	6.15

Machine Chains.

Bright, Best Quality Twisted Link.

Nos.	6	5
Links to a Foot	16	14
Ap. Weight Per 100 Feet, Lbs.	33	40
Per 100 Feet	$12.25	13.35

Well Chains.



No. 2/0 Wire, Bright, with Hook, Ring and Swivel.

Per Dozen

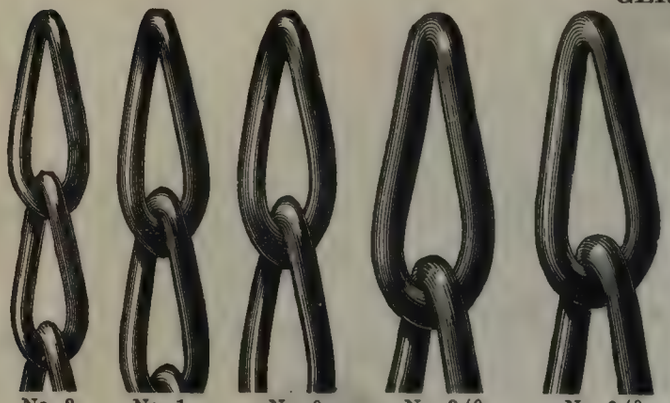
No. 6—24 in. Long, 6 Links to the Foot $2.00

Weight Per Dozen About 15 Pounds.

Coil Chains.

Cuts Full Size.

GERMAN



No. 2. No. 1. No. 0. No. 2/0. No. 3/0.

Bright, Twisted Link.

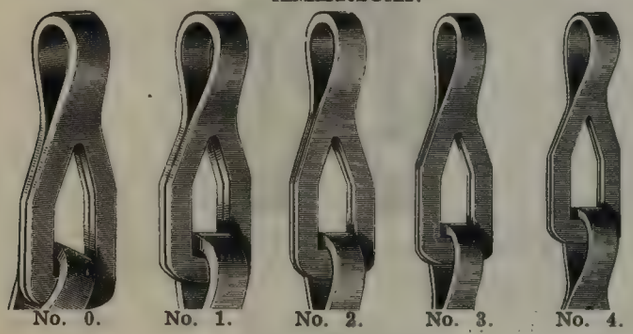
Nos.	3/0	2/0	0
Ap. Wt. Per 100 Feet, Lbs.	32	28	22
Per 100 Feet	$5.00	4.50	4.25
Nos.	**1**	**2**	**3**
Ap. Wt. Per 100 Feet, Lbs.	19	15	10
Per 100 Feet	$4.10	4.00	3.90

Bright, Straight Link.

Nos.	3/0	2/0	0
Ap. Wt. Per 100 Feet, Lbs.	35	32	28
Per 100 Feet	$5.00	4.50	4.25
Nos.		**1**	**2**
Ap. Wt. Per 100 Feet, Lbs.		22	19
Per 100 Feet		$4.10	4.00

One Hundred Feet in a Package

AMERICAN



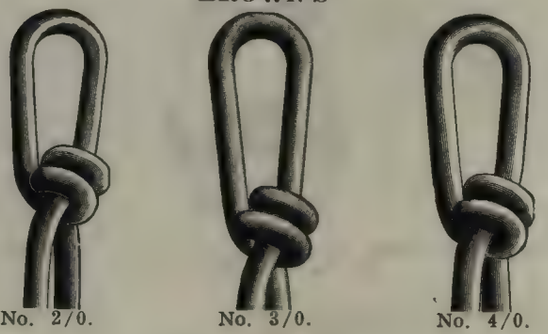
No. 0. No. 1. No. 2. No. 3. No. 4.

Bright Flat Steel.

Nos.	0	1	2	3	4
Ap. Wt. Per 100 Feet, Lbs.	13½	11½	9	8½	7
Per 100 Feet	$5.60	4.75	4.20	4.00	3.80

One Hundred Feet in a Package.

BROWN'S



No. 2/0. No. 3/0. No. 4/0.

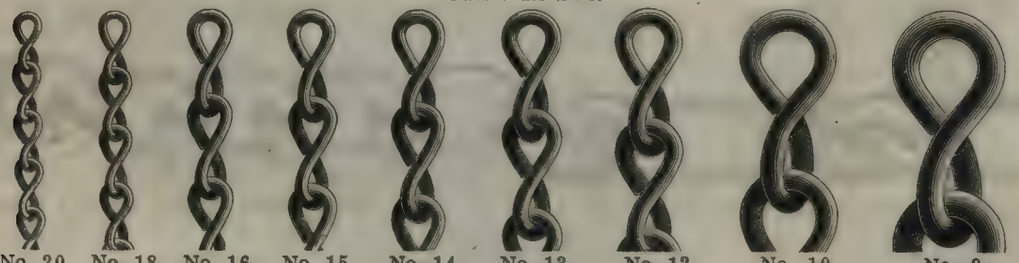
Bright Steel Wire.

Nos.	4/0	3/0	2/0
Ap. Wt. Per 100 Feet, Lbs.	25	20	17
Per 100 Feet	$5.60	4.50	3.90

One Hundred Feet in a Package.

Jack Chain.

Cuts Full Size.



No. 20. No. 18. No. 16. No. 15. No. 14. No. 13. No. 12. No. 10. No. 8.

Iron, Bright, Single.

Nos.	8	9	10	11	12	13	14	15	16	17	18
Ap. Wt. Doz. Yards, Lbs.	5½	5	4	2¾	2¼	2	1¾	1½	1	¾	½
Per Dozen Yards	$0.95	.90	.80	.55	.44	.42	.40	.35	.30	.30	.28

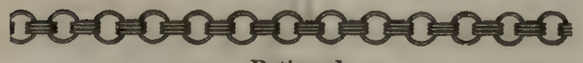
Brass, Single.

Nos.	10	12	13	14	15	16	17	18	20	22
Ap. Wt. Doz. Yards, Lbs.	4¼	2½	2¼	2	1¾	1¼	1	¾	½	¼
Per Dozen Yards	$3.50	2.05	1.70	1.35	1.00	.80	.82	.60	.50	.40

One Dozen Yards in a Box.

Double Jointed Chains.

UNIVERSAL



Retinned.

Outside Diam. of Link, Inches	3/16	¼
Tested Strength, Lbs.	50	60
Ap. Weight Per 100 Feet, Lbs.	1½	3
Per 100 Feet	$3.50	4.00

The retinning process solders every joint into a solid link, making it very strong.

100 Feet in a Box; 500 Feet on a Reel.

Ladder Chains.

Brass.

Nos.	17	18	19	20
Ap. Wt. Per Dozen Yards, Lbs.	1½	1¼	1	¾
Per Dozen Yards	$1.25	1.15	1.00	.90

One Dozen Yards in a Box.

Safety Chain.

Cut Full Size.

Coppered Steel.

	Per Package
No. 01—50 ft. in a Package	$1.15
	Per 100 Feet
No. 01—500 ft. on a Spool	$2.25

Weight Per 100 Feet About 3½ Pounds.

Brass.

Nos.	2	1	0	2/0
Ap. Wt. Per Doz. Yards, Lbs.	1¾	1½	1	¾
Per Dozen Yards	$1.55	1.25	1.00	.85

Nickel Plated.

Nos.	2	1	0	2/0
Ap. Wt. Per Doz. Yards, Lbs.	1¾	1½	1	¾
Per Dozen Yards	$1.65	1.35	1.20	1.00

One Dozen Yards in a Box.

Hardware Chain.

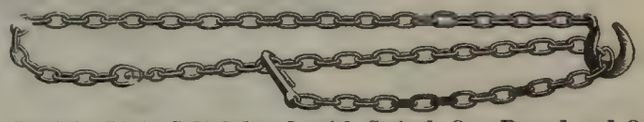
Cut Full Size.

Bright Steel.

	Per Package
No. 0—50 ft. in a Package	$1.15
	Per 100 Feet
No. 0—500 ft. on a Spool	$2.25

Weight Per 100 Feet About 5 Pounds.

Log Chains.



Straight Link, Self-Colored, with Swivel, One Round and One Grab Hook.

Diameter, Inches	¼	5/16	⅜
Length, Feet	12, 15	12, 15, 18	12, 15, 18
Ap. Weight Each, Lbs.	11	15	20
Per 100 Pounds	$15.00	12.25	10.60

Trace Chains.

Straight Link, Bright.

	Per Pair
No. 1—6½ ft. Long, 8 Links to the Foot, No. 2 Wire Gauge, with Swivel and Hook	$0.94

Weight Per Pair About 6 Pounds.

Straight Ring Butt or Half Traces.

	Per Pair
No. 67—30 in. Long, ¼ in. Bright Chain, with Swivel and Ring, Weight Per Pair About 3 Lbs.	$0.45
No. 68—36 in. Long, ¼ in. Bright Chain, with Swivel and Ring, Weight Per Pair About 4 Lbs.	.55

Heel Chains.

Barton Detachable.

	Per Pair
No. 404—17½ in. Long, 5/16 in. Links, Lock Snap, Weight Per Pair About 2½ Pounds. Eye in snap is large enough to receive a singletree hook.	$0.50

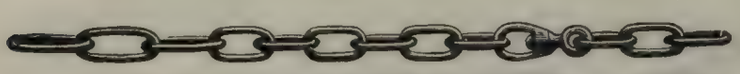
Handy.

	Per Pair
No. 57—16 in. Long, 5/16 in. Wire, 4 Links, with Snap. Weight Per Pair About 3 Pounds.	$0.38

5/16 in. Bright Wire.

	Per Pair
No. 56—14 in. Long, 6 Links, with Swivel	$0.30
No. 60—18 in. Long, 7 Links, with Swivel and Hook	.45

Weight Per Pair About 3 Pounds.

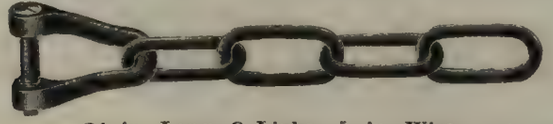


R. D. W., 5/16 in. Bright Wire, with Swivel.

	Per Pair
No. 65—30 in. Long, 9 Links, Weight Per Pair About 3 Lbs.	$0.50
No. 66—36 in. Long, 11 Links, Weight Per Pair About 3½ Lbs.	.60

Plain, 5/16 in. Bright Wire, without Swivel.

	Per Pair
No. 86—15 in. Long, 6 Links, Weight Per Pair About 2 Lbs.	$0.26
No. 87—20 in. Long, 8 Links, Weight Per Pair About 2½ Lbs.	.35



24 in. Long, 8 Links, 5/16 in. Wire.

	Per Pair
No. 40—With 1¾ in. Screw and Roller Dee	$0.55
No. 41—Bright, with 2 in. Screw and Roller Dee.	.55
No. 42—Bright, with 2¼ in. Screw and Roller Dee.	.60

Weight Per Pair About 5 Pounds.

24 in. Long, 8 Links, 5/16 in. Wire.

	Per Pair
No. 45—With 1¾ in. Swivel Dee, with Screw and Roller	$0.55
No. 46—With 2 in. Swivel Dee, with Screw and Roller.	.55

Weight Per Pair About 6 Pounds.

Cable Chain.

Write for Market Prices.

Twisted Ling, Self-Colored.

Inches	3/16	1/4	5/16	3/8	7/16	1/2
Ap. Weight Per 100 Feet, Lbs.	46	75	110	155	200	260
*Proof Test, Lbs.	1000	1500	2600	3600	4500	6500
Per 100 Pounds	$.....	.....	.....	.....	.....	.....

Straight Link, Self-Colored.

Inches	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
Ap. Weight Per 100 Feet, Lbs.	46	75	110	155	200	260	325	400	590	800	1000
*Proof Test, Lbs.	1000	1500	2600	3600	4500	6500	8000	9500	13500	18500	24000
Per 100 Pounds	$.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

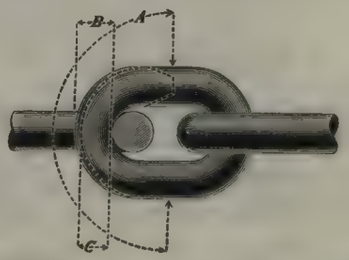
"B. B." Crane Chain.

Straight Link, Self-Colored, Tested.

Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Ap. Weight Per 100 Feet, Lbs.	80	115	160	210	265	410	600
*Proof Test, Lbs.	1650	3000	4000	5500	7000	10750	15500
Per 100 Pounds	$.....	.....	.....	.....	.....	.....	.....

"Trident" Steel Loading Chain.

A—Shows the long lapped weld of Trident steel loading chains, which practically locks itself under strain.



B—Shows the added strength obtained by the swell of welds as compared with ordinary welds shown by C.

Long-Lapped, Self-Locking, Swelled Welds, Finished Bright, with Trident Brand Every Few Feet.

Inches	1/4	9/32	5/16	11/32	3/8
Approximate Weight Per 100 Feet, Lbs.	85	100	125	150	165
Links Per Foot	16	15	14	13	12
*Approximate Proof Test, Lbs.	2500	2800	3600	4200	5000
Per 100 Pounds	$.....	.....	.....	.....	.....

Hoisting or Loading Chain.

Straight Link, Norway Iron, Extra Quality, Self-Colored.

Inches	1/4	5/16	3/8
Approximate Weight Per 100 Feet, Lbs.	85	115	160
*Proof Test, Lbs.	1750	3500	4800
Per 100 Pounds	$.....	.....	.....

"Special" Steel, Superior Quality.

Per 100 Pounds

9/32 in. Diameter, Exact Size, Approximate Weight Per 100 Feet 85 Lbs., *Proof Test 2750 Lbs. ..... $.....

*Safe working load should be about one-half the above tests. The breaking strain is estimated about double the proof tests.

Tie Out Chains.

BROWN'S, with Ring, Swivel and Snap.

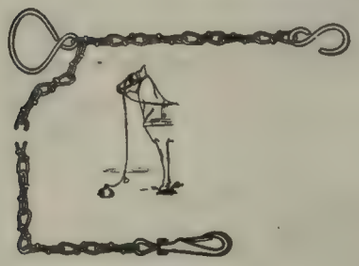
	Per Dozen
No. 0 —20 ft. Long, with Swivel Every 10 ft., Weight Per Dozen About 38 Lbs.	$5.60
No. 0 —30 ft. Long, with Swivel Every 10 ft., Weight Per Dozen About 50 Lbs.	8.15
No. 3/0—20 ft. Long, with Swivel Every 10 ft., Weight Per Dozen About 50 Lbs.	7.50
No. 3/0—30 ft. Long, with Swivel Every 10 ft., Weight Per Dozen About 65 Lbs.	10.60

One-twelfth Dozen in a Box.

AMERICAN, with Ring, Swivel and Snap.

	Per Dozen
No. 1—20 ft. Long, with Swivel Every 10 ft., Weight Per Dozen 28 Lbs.	$10.00
No. 1—30 ft. Long, with Swivel Every 10 ft., Weight Per Dozen About 40 Lbs.	13.90

One-twelfth Dozen in a Box.



No. 10.

Hitching Weight Chains.

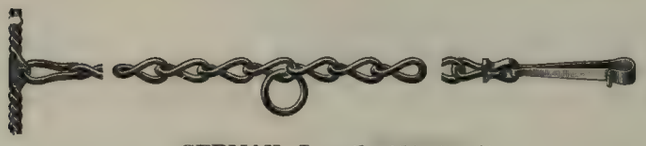
Hot Galvanized, Rust Proof.

	Per Dozen
No. 10—7 ft. Long, with Halter Snap and Wire Handle for Lifting the Weight in and out of the Wagon	$6.15

Weight Per Dozen About 15 Pounds.

One-half Dozen in a Carton.

Halter Chains.



GERMAN, Length 4½ ft.

Nos.	3/0	2/0	0	1	2
Ap. Wt. Per Dozen, Lbs.	23	22	15	10	10
Per Dozen	$4.75	4.15	4.00	3.50	3.35

Nos.	3	4	5	6
Ap. Wt. Per Dozen, Lbs.	8	5	4	3
Per Dozen	$3.15	3.15	3.00	3.00

Nos. 3/0 to 0, One-half Dozen; Nos. 1 to 6, One Dozen in a Package.

GERMAN, Length 6 ft.

Nos.	3/0	2/0	0	1
Ap. Wt. Per Dozen, Lbs.	27	26	20	14
Per Dozen	$6.15	5.60	5.00	4.80

Nos.	2	3	4
Ap. Wt. Per Dozen, Lbs.	12	9	7
Per Dozen	$4.50	4.20	4.20

Nos. 3/0 to 1, One-half Dozen; Nos. 2 to 4, One Dozen in a Package.

AMERICAN, Length 4½ ft.

Nos.	3/0	2/0	0	1	2
Ap. Wt. Per Dozen, Lbs.	12	10	9	7	6
Per Dozen	$4.20	3.80	3.35	2.80	2.65

Nos.	3	4	5	6
Ap. Wt. Per Dozen, Lbs.	5	5	4	3
Per Dozen	$2.55	2.35	2.25	2.15

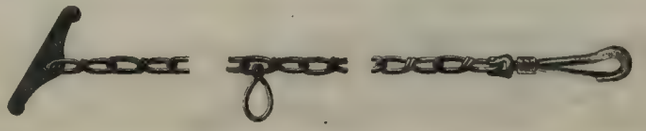
Nos. 3/0, One-half Dozen; Nos. 2/0 to 6, One Dozen in a Box.

AMERICAN, Length 6 ft.

Nos.	3/0	2/0	0	1	2
Ap. Wt. Per Dozen, Lbs.	15	14	11	9	8
Per Dozen	$5.60	4.90	4.00	3.80	3.35

Nos.	3	4	5	6
Ap. Wt. Per Dozen, Lbs.	7	6	5	4
Per Dozen	$3.15	2.90	2.90	2.80

Nos. 3-0 to 0, One-half Dozen; Nos. 1 to 6, One Dozen in a Box.



BROWN'S, Length 4½ ft.

Nos.	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs.	24	20	16	13	11	10	7	5	5	4	3	2
Per Dozen	$5.15	4.50	3.90	3.15	2.70	2.35	2.15	2.00	1.90	1.70	1.60	1.45

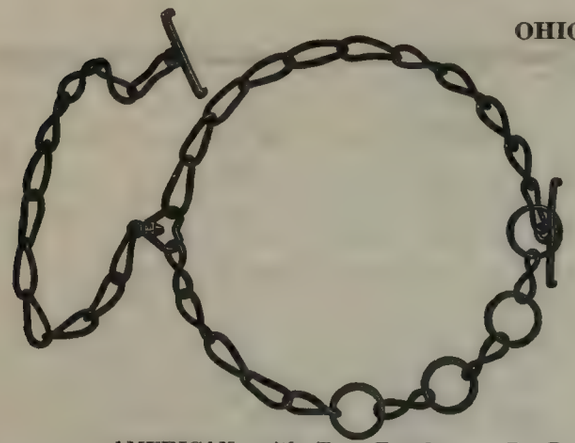
BROWN'S, Length 6 ft.

Nos.	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4	5	6
Ap. Wt. Per Dozen, Lbs.	28	24	20	16	15	12	9	7	6	6	4	4
Per Dozen	$6.70	6.00	5.00	4.15	3.70	3.00	2.70	2.50	2.25	2.15	2.00	1.90

One-half Dozen in a Box.

Chain Cow Ties.

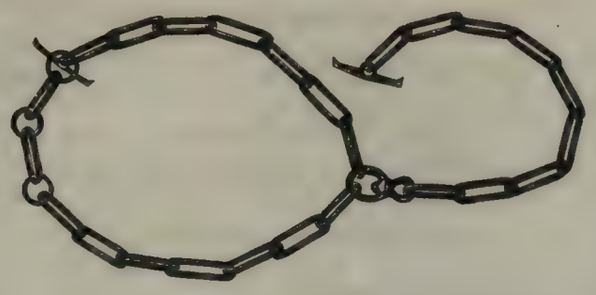
OHIO PATTERN



AMERICAN, with Two Toggles.	Per Dozen
No. 3—6 ft., 6 Links to the Foot	$5.00
No. 4—5½ ft., 6 Links to the Foot	3.60
No. 5—5 ft., 6 Links to the Foot	3.00
No. 6—5 ft., 6 Links to the Foot	2.90
No. 7—4½ ft., 6 Links to the Foot	2.80

GERMAN, with Two Toggles.	
No. 00—5 ft., 8 Links to the Foot	$3.35
No. 000—5 ft., 8 Links to the Foot	3.60
No. 0000—5 ft., 8 Links to the Foot	3.90
No. 00000—6 ft., 8 Links to the Foot	5.40

Average Weight Per Dozen About 24 Pounds.



EL-WEL-CO-TI, with Two Toggles and Swivel.

	Per Dozen
No. 20—4½ ft., 6 Links to the Foot	$2.70
No. 30—5 ft., 6 Links to the Foot	3.35

Weight Per Dozen About 20 Pounds.

Open Stock.

AMERICAN

With Large Closed Ring.

	Per Dozen
No. 5C—4½ ft., 6 Links to the Foot	$3.90

Weight Per Dozen About 15 Pounds.

With Large Open Ring.

	Per Dozen
No. 50—5 ft., 6 Links to the Foot	$4.50

Weight Per Dozen About 15 Pounds.

Open Stock.

BROWN'S

With Two Toggles.	Per Dozen
No. 00B—5 ft., Ohio Pattern	$3.90
No. 000B—5 ft., Ohio Pattern	3.35
No. 0000B—5 ft., Ohio Pattern	4.00

With Large Closed Ring.	Per Dozen
No. 000C—3½ ft., Ohio Pattern	$3.60

With Toggle and Snap.	Per Dozen
No. 000S—5 ft., Ohio Pattern	$3.60

Weight Per Dozen About 13 Pounds.

One-half Dozen in a Box.

EUREKA SPECIAL

With Two Toggles.

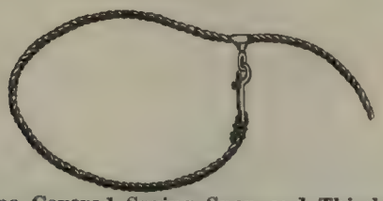
	Per Dozen
No. 00E—5 ft., Ohio Pattern	$1.80
No. 000E—5 ft., Ohio Pattern	2.00

The Neck Piece consists of five large special Links of Niagara Pattern Chain, giving ten ajustments, which can be easily and quickly made.

Weight Per Dozen About 17 Pounds.

One Dozen in a Strong Paper Bag.

Rope Cattle Ties.



One Covered Spring Snap and Thimble.

	Per Dozen
No. R41—½ in. Jute Rope, 8½ ft. Long	$2.80
No. R61—½ in. Sisal Rope, 8½ ft. Long	2.90
No. R63—⅝ in. Sisal Rope, 8½ ft. Long	3.90
No. R65—Heavy Manila Rope, Tapered, 10 ft. Long	4.00

Two Covered Spring Snaps and Thimbles.

	Per Dozen
No. R32—½ in. Jute Rope, 10 ft. Long	$4.20
No. R62—½ in. Sisal Rope, 10 ft. Long	4.45
No. R64—⅝ in. Sisal Rope, 10 ft. Long	5.80
No. R66—⅝ in. Manila Rope, 10 ft. Long	6.90

Average Weight Per Dozen About 6½ Pounds.
One Dozen in a Bundle.

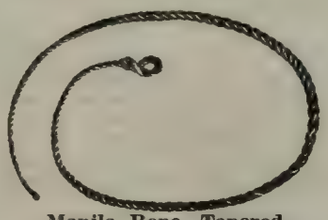
Rope Cattle Ties.

With Covered Spring Snap and Double Ring.

	Per Dozen
No. R60—½ in. Sisal Rope, 7½ ft. Long	$2.45

Weight Per Dozen About 6 Pounds.

One Dozen in a Bundle.



Manila Rope, Tapered.

	Per Dozen
No. R1—Medium Heavy, 7 ft. Long, without Snap	$1.55
No. R3—Heavy, 7½ ft. Long, without Snap	1.75
No. R4—Extra Heavy, 7½ ft. Long, without Snap	2.10
No. R2—Medium Heavy, 7 ft. Long, with Snap	2.10

Weight Per Dozen About 5½ Pounds.
One Dozen in a Bundle.

Rope Halter Leads.

With Covered Spring Snap.

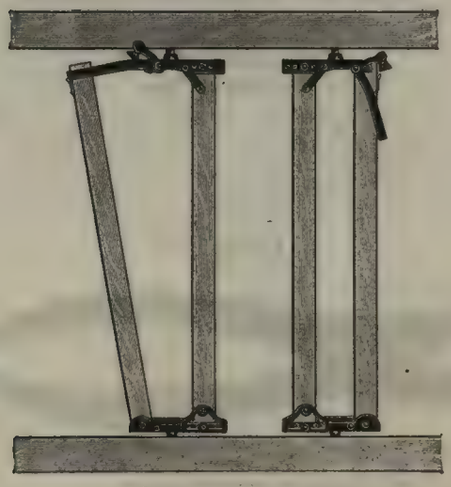
	Per Dozen
No. R8—7/16 in. Sisal Rope, 7½ ft. Long	$1.90
No. R9—½ in. Sisal Rope, 7½ ft. Long	2.25

Weight Per Dozen About 5½ Pounds.

One Dozen in a Bundle.

Cattle Stanchions.

MILWAUKEE

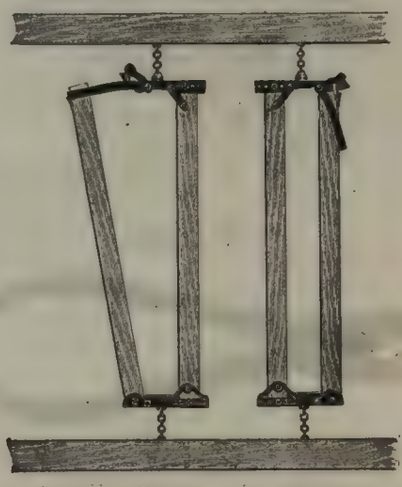


Open. Closed.

Best Quality Hardwood, Nicely Finished.

	Each
No. 200—4 ft. High, 6½ in. Spacing Between Upright Bars, Can be Adjusted to 5½, 6½, 7½ and 8 in. Between Bars, for Any Size Cattle, Top and Bottom Castings are of Malleable Iron	$2.00

Weight Each About 15 Pounds.



Open. Closed.

Chain Hanging, Best Quality Hardwood, Nicely Finished.

	Each
No. 250—4 ft. High, 6½ in. Spacing Between Upright Bars, Can be Adjusted to 5½, 6½, 7½ and 8 in. Between Bars, for Any Size Cattle, Top and Bottom Castings are of Malleable Iron	$2.25

Weight Each About 15 Pounds.

Cattle Stanchions.

STAR

Chain Hanging.

	Each
No. 434—Special High Carbon U Bar Steel, Special Open Hearth Steel Cross Bars, Malleable Thumb Latch, Adjustable for Any Size Cattle.	$3.00

Weight Each About 21 Pounds.

DAISY, ADJUSTABLE

Chain Hanging.

	Each
No. 495—Best Hardwood Uprights, Best Malleable Iron Cross Pieces, Adjustable in Neck Space from 4½ to 7½ in., Automatic Malleable Iron Latch	$3.35

Weight Each About 13 Pounds.

Stanchion Irons.

Cut Shows Iron in Use.

Malleable Iron.

	Per 1000
No. 1—For Fastening Cattle in Stalls	$11.15

Weight Per 100 About 75 Pounds.

Hog Ringers and Rings.

HILL'S IMPROVED

With Set Screw, Closes All Sizes Hill's Rings.

	Per Dozen
No. 15—Malleable Iron, Japanned	$1.25
No. 25—Gray Iron, Japanned	1.70

Weight Per Dozen About 6 Pounds
One Dozen in a Box.

HILL'S RINGS
Coppered Wire.

	Per Dozen Boxes
No. 1—Hill's Pig Rings	$0.90
No. 2—Hill's Shoat Rings	.90
No. 3—Hill's Hog Rings	.90

BLAIR'S

Japanned Iron.

	Per Dozen
No. 16—Closes all Sizes Blair's Rings	$1.45

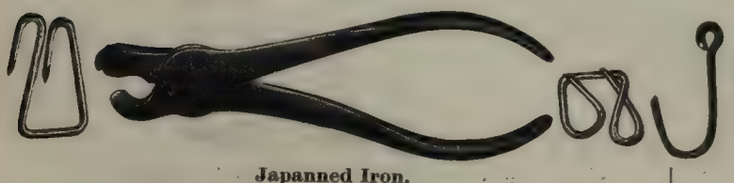
Weight Per Dozen About 6½ Pounds.
One Dozen in a Box.

BLAIR'S RINGS
Coppered Wire.

	Per Dozen Boxes
No. 11—Blair's Pig Rings	$1.15
No. 13—Blair's Hog Rings	1.15

100 in a Box; One Dozen Boxes in a Package.

CHAMPION



Japanned Iron.

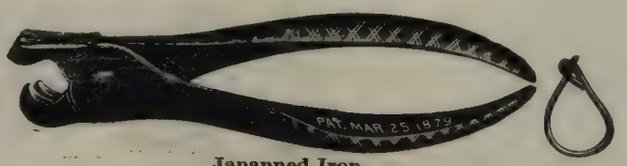
	Per Dozen
No. 17—Closes all Sizes Champion Rings	$3.75

Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box.

CHAMPION RINGS
Coppered Wire.

	Per Dozen Boxes
No. 23—Champion Hog Rings	$4.20

PERFECT



Japanned Iron.

	Per Dozen
No. 18—Closes all Sizes Perfect Rings	$2.00

Weight Per Dozen About 7 Pounds.
One Dozen in a Box.

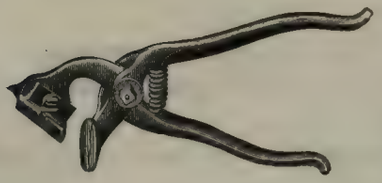
PERFECT RINGS
Coppered Wire.

	Per Dozen Boxes
No. 32—Perfect Pig Rings	$1.80
No. 33—Perfect Hog Rings	1.80

100 in a Box; One Dozen Boxes in a Package.

Hog Tamers and Ear Markers.

NEW IDEA



Cut shows Animal's Ear, with different shaped holes and notches made by the New Idea Hog Tamer when used as a Marker.

Anti-Rooter or Hog Tamer and Ear Marker Combined.

Per Dozen

No. 6—Malleable Iron, Aluminum Bronze Finish, Adjustable Cutters, Reversible Steel Blades, Steel Coil Spring, with Metal Anvil or Base to Cut On **$12.25**

With the metal base or anvil to cut on the farmer can sterilize or clean the instrument by dipping it into boiling water. This will prevent cholera or diseases being carried from one hog, or herd of hogs, to another, which is considered a very necessary thing to provide against.

Weight Per Dozen About 14 Pounds.
One-half Dozen in a Box.

DR. MILLER'S

Malleable Iron.

Per Dozen

No. 2—With One Cutting and One Marking Blade.. **$13.35**
Extra Marking Blades—Interchangeable, with Steel Cutters **4.50**

This tool cuts out a part of the rim of the nose in a circle, allowing the ends to turn to each side and heal in a few days into small knots, (which will positively prevent rooting.)

Weight Per Dozen About 15 Pounds.
One-half Dozen in a Box.

Pig Forceps.

WHISSON'S

Malleable Iron. Per Dozen

No. 1—16 in. Long, Tinned..... **$12.25**

Weight Per Dozen About 15 Pounds.
One-half Dozen in a Package.

20TH CENTURY

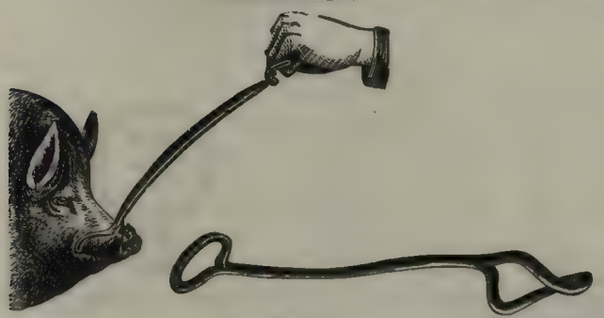
Brass, Heavily Nickel Plated. Per Dozen

No. 20—24 in. Long, Helmet Bronze Wire Loop..... **$37.80**
Extra Wire Loops—For Above..... **3.60**

Weight Per Dozen About 6 Pounds.
One-twelfth Dozen in a Box.

Hog Tongs or Holders.

CHAMPION



Japanned. Per Dozen

No. 1—Malleable Iron **$7.25**

Weight Per Dozen About 10 Pounds.
One-half Dozen in a Package.

HILL'S IMPROVED

Japanned. Per Dozen

No. 3—Malleable Iron **$4.00**

Weight Per Dozen About 16 Pounds.
One-half Dozen in a Package.

Animal Catchers.

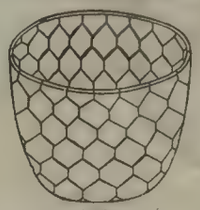
CHAMPION

Japanned. Per Dozen

No. 5—Malleable Iron, without Rope and Handle..... **$8.90**

Weight Per Dozen About 12 Pounds.
One-half Dozen in a Box.

Ox Muzzles.



Wire. Per Dozen

No. 1—Japanned, 18 Gauge Wire..... **$0.70**
No. 7—Japanned, 12 Gauge Wire..... **1.45**
No. 4—Galvanized, 17 Gauge Wire..... **.80**
No. 8—Galvanized, 13 Gauge Wire..... **1.70**

Weight Per Dozen About 8 Pounds.
One Dozen in a Bundle.

Calf Weaners.

FULLER'S

Tinned Iron, without Bit.

	Per Dozen
No. 21—For Calves	$3.70
No. 22—For Yearlings	4.50
No. 23—For Cows	5.60

Weight Per Dozen About 14 Pounds.
One Dozen in a Box.

"KANT-SUK"

Malleable Iron, Tinned.

	Per Dozen
No. 11—For Calves	$4.00
No. 12—For Cows	5.00

Weight Per Dozen About 5 Pounds.
One Dozen in a Box.

SHAW'S

Tinned Wire, with Oiled Leather Strap.

	Per Dozen
No. 1—For Calves	$5.40
No. 2—For Yearlings	6.15
No. 3—For Cows	8.15

Weight Per Dozen About 20 Pounds.
One Dozen in a Box.

Calf Weaners.

HOOSIER

Tinned Wire, with Leather Halter.

	Per Dozen
No. 15—For Calves	$ 8.15
No. 16—For Yearlings	11.15
No. 17—For Cows	13.90

Weight Per Dozen About 15 Pounds.
One Dozen in a Box.

Bull Rings.

Polished Aluminum.

	Per Dozen
No. 51—2½x$\frac{5}{16}$ in., Light and Strong	$2.80

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Bull Chains.

Iron, Tinned, with Snap and Ring.

	Per Dozen
No. 1057—6 ft. Long, with Swivel Every 2 ft.	$30.00

Snaps in nose ring and makes finest kind of hitch or leader. Swivels prevent twisting.
Weight Per Dozen About 15 Pounds.

Bull Rings.

Polished Steel.

Nos.	11	12
Inches	2½	3
Per Dozen	$2.00	2.50

Polished Copper.

Nos.	21	22
Inches	2½	3
Per Dozen	$3.00	3.35

Pure Bronze Cannon Metal.

	Per Dozen
No. 25—3½x$\frac{7}{16}$ in., Extra Large and Strong	$26.65

Average Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

Self-Piercing, Polished Copper.

Nos.	31	33
Inches	2½	3
Per Pound	$4.00	4.50

	Per Dozen
No. 41—2½x$\frac{3}{8}$ in., Polished Copper, Extra Heavy	$4.25

Each Ring its own punch, thus accomplishing the work with one operation. The old style blunt ring requires two. The Self-Piercing not only saves time in operation, but also greatly lessens the danger to the operator and pain to the animal.
Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

Bull Rings.

Self-Piercing, Polished Aluminum.

	Per Dozen
No. 61—2½x$\frac{5}{16}$ in., Light and Strong	$3.35

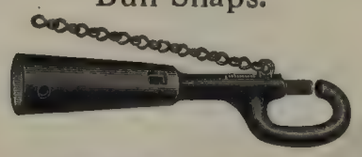
Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Giant Swivel, Iron, Tinned.

Nos.	1053	1054
Inches	2¾	3
Per Dozen	$4.50	5.60

Weight Per Dozen About 4½ Pounds.
One Dozen in a Box.

Bull Snaps.



Tinned Iron, without Pole.

	Per Dozen
No. 500—7⅛ in. Long, with Socket for 1 in. Pole, Complete with 3 ft. of Chain and Ring on End	$6.70

Weight Per Dozen About 5 Pounds.
One-quarter Dozen in a Box.

Bull Punches.

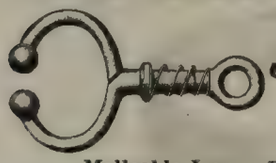
Steel, Silver Plated.

	Per Dozen
No. 11—8½ in. Long, Black Wood Handle, with Shield	$10.75

Weight Per Dozen About 5 Pounds.

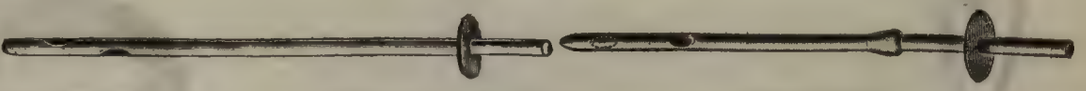
	Per Dozen
Extra Sheaths—For No. 11	$4.50

Cattle Leaders.



Malleable Iron. Per Dozen
No. 52—3 in. Long, Brass Wire Spring $1.35
Weight Per Dozen About 5 Pounds.
Two Dozen in a Box.

Milking Tubes.



Plain. Per Dozen
No. 1—Silver Plated, Assorted Sizes, 2 to 4½ in..... $ 4.50
No. 2—Sterling Silver, Assorted Sizes, 2 to 4½ in..... 11.15
Weight Per Dozen About ¼ Pound.
Open Stock.

Self-Retaining. Per Dozen
No. 3—Silver Plated, Assorted Sizes, 2 to 4½ in..... $5.60
Weight Per Dozen About ⅜ Pound.
Open Stock.

Dehorning Tools.

KEYSTONE

Regular, Malleable Iron Frame. Each
Regular Keystone Dehorners—44 in. Long, Two Cast Steel V Shaped Knives, Giving Four Cutting Blades, 5 in. Opening, Rock Maple Handles... $20.55

Improved, Malleable Iron Frame. Each
Improved Keystone Dehorners—44 in. Long, Tapering Rack, Eccentric Gears, Two Cast Steel V Shaped Knives, Giving Four Cutting Edges, 5 in. Opening, Rock Maple Handles..... $25.00

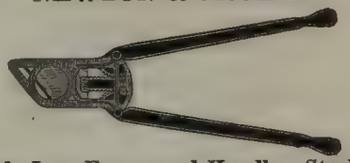
When the Handles are placed together the Knives cut into the horns in four places, the action being very much like two pairs of shears working in opposite directions.

This Dehorner is made in but one size, and so designed as to cut any size horns. Does not crush the horn, as others do, on account of the V-shaped blade used. Has been tried at all Agricultural Experiment Farms in various states and has met with approval from all. Weight Each About 13 Pounds.

LEAVITT'S

Malleable Iron Frame and Handles. Each
No. 3—38 in. Long, V Shaped High Grade Crucible Steel Blades, Carefully Tempered, Giving Four Cutting Edges, 4x4 in. Opening, Will Clip Any Size Horn $10.25
Weight Each About 15 Pounds.

NEWTON & McGEE'S



Malleable Iron Frame and Handles, Steel Blade. Each
No. 1—28 in. Long, 2 in. Opening, Sliding or Draw Cut, for Calves, Goats, Etc., Weight Each About 5 Lbs. $6.15
No. 2—40 in. Long, 3½ in. Opening, Sliding or Draw Cut, for Medium Size Horns..... 8.35
Weight Each About 12 Pounds.

Cow Bells.

Sheet Steel, Brass Lacquered, Riveted Joint.

Nos.	0	1	2	3	4	5	6	7
Width, Inches	6	5½	4½	4	3¾	3¼	3	2¼
Height, Inches	7½	6½	5¼	4½	4¼	3½	3	2½
Ap. Weight Per Dozen, Lbs.	30	25	15	11	10	6	5	4
Per Dozen	8.00	6.70	5.35	4.00	3.35	2.70	2.00	1.70

SWISS

Pure Bell Metal, Fancy, Full Polished.

Nos.	4/8	5/8	6/8
Diameter, Inches	4	5	6¼
Height, Inches	3	4	5
Ap. Wt. Per Dozen, Lbs.	15	19	25
Per Dozen	$11.70	20.00	33.35

NAVAJO

Wrought Steel, Coppered, Wrought Steel Loop, Rich Toned, Warranted not to Crack.

Nos.	7N	8N	9N	10N
Diameter, Inches	3⅜	4	4½	5
Ap. Wt. Per Dozen, Lbs.	12	14	16	20
Per Dozen	$3.00	4.50	5.00	5.60

Sheep Bells.

Strapped.

	Per Dozen
No. 2—1⅞ in. Mouth	$5.50

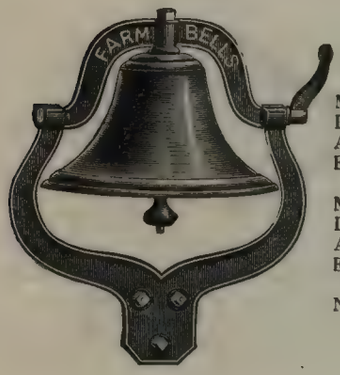
Weight Per Dozen About 5 Pounds.

Cow Bell Straps.

Black Leather.

Width, Inches	1¼	1½	1¾	1¾	2	3
Length, Inches	36	36	36	42	42	50
Ap. Wt. Dozen, Lbs.	10	14	20	24	30	33
Per Dozen	$5.60	6.35	8.70	9.25	10.60	12.25

Farm Bells.

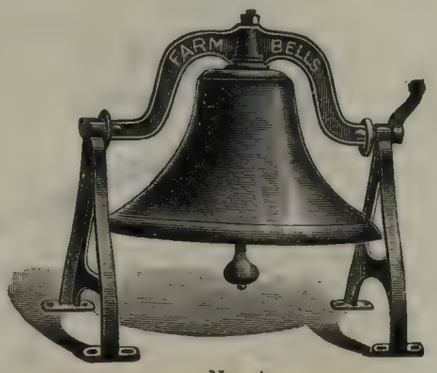


Nos. 1, 2 and 3.

Crystal Metal Bronzed Bell, Japanned Iron Frame.

Nos.	1	2
Diameter, Inches	15	17
Ap. Wt. Complete Each, Lbs.	40	50
Each	$2.50	3.15
Nos.	3	4
Diameter, Inches	19	21
Ap. Wt. Complete Each, Lbs.	75	100
Each	$4.50	6.35

No. 4 Bell is furnished with two Uprights for Platform or Belfry (See Illustration).



No. 4.

Hand Bells.

STANDARD

Nos. 0 to 14.

Polished Brass, Black Enameled Handle.

Nos.	0	1	2	3	4	5	6
Diameter of Mouth, Inches	2	2⅜	2⅝	3	3¼	3¾	4
Ap. Weight Per Dozen, Lbs.	2	3	4	5	6	8	9
Per Dozen	$2.00	2.62	3.50	4.50	6.50	8.50	11.25

Nos.	7	8	9	10	12	14
Diameter of Mouth, Inches	4½	5	5⅜	5⅞	6⅜	7⅝
Ap. Weight Per Dozen, Lbs.	12	18	19	22	28	39
Per Dozen	$13.75	18.50	24.00	30.00	36.00	48.00

Nos. 0 to 4, One-half Dozen; 5 to 7, One-third Dozen; Others, One-twelfth Dozen in a Package.

SWISS

Silver Finish, Black Enameled Handle.

Nos.	104	106	108	110	112
Diam. Mouth, Inches	3⅛	3¾	4¾	5⅝	6⅞
Ap. Wt. Dozen, Lbs.	6	8	15	21	29
Per Dozen	$10.00	15.00	25.00	42.50	64.15

No. 104, One-half Dozen; 106, One-third Dozen; 108 to 112, One-twelfth Dozen in a Package.

MILKMEN'S

Buell's Patent, Extra Heavy, Pure Metal, Finely Polished, Black Enameled Handle.

No.	012
Diameter at Mouth, Inches	6½
Ap. Weight Per Dozen, Lbs.	32
Per Dozen	$48.85

One-twelfth Dozen in a Package.

Call Bells.

Nickel Plated Gong.

Per Dozen

No. 2—2½ in. Gong, Enameled Base $2.80

Weight Per Dozen About 4 Pounds. One-twelfth Dozen in a Box.

Nickel Plated Gong.

Per Dozen

No. BP211—New Departure Rotary, 3 in. Gong, Antique Copper Base $10.00

No. BP511—New Departure Rotary, 3 in. Gong, Oxidized Silver Base 10.00

Weight Per Dozen About 4 Pounds. One-twelfth Dozen in a Box.

Silver Plated Gong.

Per Dozen

No. 8050—2½ in. Gong, Gold Plated Base $16.70

Weight Per Dozen About 6 Pounds. One-twelfth Dozen in a Box.

Farmers' Boilers.

Heavy Cold Rolled Steel Jacket, Extra Large Feed Door, Malleable Iron Handles, Riveted, Heavy Cast Iron Kettle. Smooth Finish Cast Iron Door Frame and Flue Collar.

Nos.	2	5	8	10	12
Capacity, Gallons	33	48	53	65	75
Diameter of Jacket, Inches	28½	31½	32	34	36
Ap. Weight Each, Lbs.	175	200	225	250	275
Each	$16.00	18.90	20.00	21.35	25.60

Will never buckle or warp from the heat. Designed to set on the ground or brick foundation, and is especially adapted for cooking feed, rendering lard, making soap, scalding hogs, etc. Cast iron flues are constructed inside retaining the heat and greatly economizing fuel.

Sugar Kettles.

Best Pig Iron, Milled and Painted, with Feet and Bail.

Nos.	2	3	4
Actual Measure, Gallons	10½	15	18¼
Inside Diameter, Inches	18	20¼	22
Inside Depth, Inches	12	13½	13¾
Ap. Weight Each, Lbs.	31	40	51
Each	$3.00	3.75	4.80

Nos.	5	6	7
Actual Measure, Gallons	21½	25½	29½
Inside Diameter, Inches	23	25	26
Inside Depth, Inches	14¾	15½	16
Ap. Weight Each, Lbs.	63	77	90
Each	$5.30	6.35	7.45

Caldron Kettles.

Best Pig Iron.

Nos.	01	02	03
Actual Measure, Gallons	25	33	41
Diam. Outside of Flange, In.	28	31	34
Diam. Inside of Flange, In.	24	28	30
Depth Inside, Inches	16	16	19
Ap. Weight Each, Lbs.	94	104	130
Each	$7.80	10.35	12.80

Nos.	04	05	06
Actual Measure, Gallons	48	65	90
Diam. Outside of Flange, In.	35	39	43
Diam. Inside of Flange, In.	31	34	38
Depth Inside, Inches	19	20½	22
Ap. Weight Each, Lbs.	158	207	299
Each	$15.60	18.35	35.60

Tank Heaters.

STANDARD

Basket Grate.

Galvanized Steel, Double Riveted in Fireproof Cement, Cast Iron Swing Top, with Shovel, Poker, Securing Rods and One Joint of Pipe.

	Each
No. 10—Diameter 16 in., Weight Each About 50 Lbs..	$6.35
No. 20—Diameter 19 in., Weight Each About 70 Lbs..	9.55

Flat Grate.

Galvanized Steel Body and Bottom, Cast Iron Swing Top, with Shovel, Poker, Securing Rod and One Joint of Pipe.

	Each
No. 1—Diameter 16 in., Weight Each About 40 Lbs..	$5.80
No. 2—Diameter 19 in., Weight Each About 60 Lbs..	8.15

BLACK JACK

Nos. 01 and 03.

Cast Iron, Painted, One Piece Body, Heavy and Durable, Swing Cover, Opening Full Size of Heater, with Shovel, Poker, Securing Rods and One Joint of Pipe.

Flat Grate.

	Each
No. 01—Diameter 14 in., without Deflector	$ 9.25
No. 03—Diameter 14 in., with Deflector	11.15

Weight Each About 105 Pounds.

Basket Grate.

	Each
No. 02—Diameter 14 in., without Deflector	$ 9.80
No. 04—Diameter 14 in., with Deflector	11.70

Weight Each About 110 Pounds.

The Deflector being a Hollow Drum, Fuel can be fed through it without removing it. It is so constructed that the heat is conducted entirely around the outer surface of the Heater before it enters the smoke pipe.

Nos. 02 and 04.

NORTHWESTERN

Oblong Shape, Removable Grate.

No. 50.

$\frac{5}{32}$ in. Heavy Plate, Riveted and Calked Seams, Side Braces, Steel Fire Front and Turn Damper, Anchor Rods Run from Top of Heater on Both Sides and Screw into Bottom of Water Tank, Removable Hinge Cover, with Securing Rods and One Joint of Pipe.

	Each
No. 50—24 in. Long, 22 in. Deep, 12 in. Wide, 13 sq. ft. of Heating Surface.	$12.25

Weight Each About 110 Pounds.

STAR

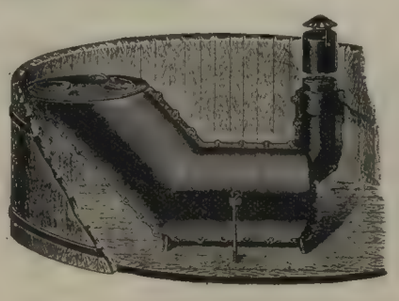
Best Grey Iron Casting.

Hinge Cover, Opening Full Size of Body, Fire is Entirely Under the Water.

	Each
No. 100—24 in. High	$33.35

Will burn any kind of fuel. Can be set in any tank and moved around at will. Ashes can be taken up at any time without disturbing the fire.

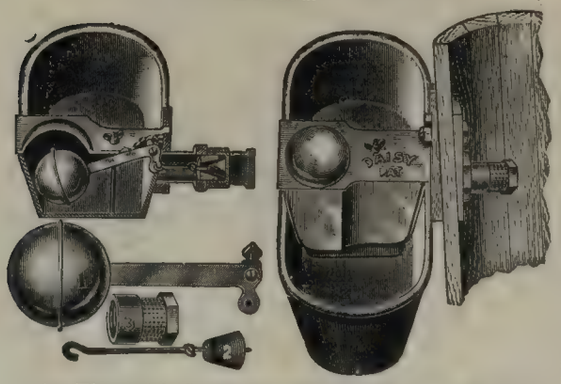
Weight Each About 180 Pounds.



No. 100.

Stock Waterers.

DAISY



1—Flat with Lever attached and Brass Machine Screw with Nuts. 2—Rubber Cork or Valve with Connecting Wire and Screw Eye. 3—Strainer.

Attached to Barrel, Pipe or Tank.

	Per Dozen
Daisy Hog Waterer—Japanned Iron, Brass Working Parts	**$26.65**

The Daisy Hog Waterer can be easily attached to tank or barrel. All working parts are made of brass and are on the outside of tank or barrel with the exception of the valve.

Weight Per Dozen About 150 Pounds.

Poultry Drinking Fountains.

DELPHOS

Galvanized Steel.

	Per Dozen
No. 1—Capacity 1 Gal., 10¾ in. High, 9⅞ in. Diameter Pan, 6¼ in. Diameter Tank, Red Painted Band at Top	**$5.60**

Wt. Per Dozen About 30 Pounds. One-half Dozen in a Crate.

N. W. AUTOMATIC

Without Jar.

	Per Dozen
No. 6NW—6 in. Diameter, Anti-Rust Coated Tin, Will Fit Any Half Gallon, Quart or Pint Mason Jar	**$2.00**

Poultry Dry Mash Hoppers.

NESCO

Galvanized, Ringed Cover, Wire Bail.

	Per Dozen
No. 4—Capacity 4 Quarts, for Feeding Dry Mash, Grain, Grit, Oyster Shell, Beef Scrap, Charcoal, Etc.	**$8.90**

Weight Per Dozen About 36 Pounds.

Poultry Grit and Shell Boxes.

NESCO

Galvanized, Slanting Hinge Cover.

	Per Dozen
No. 3—8¾x4¼x12 in., Strong Wire Handle, Three Compartments, to Hold Grit, Shell and Charcoal, Self-Feeding	**$11.15**

Weight Per Dozen About 25 Pounds.

Poultry Dry Food Hoppers.

NESCO

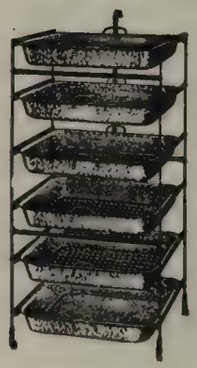
Galvanized, Slanting Hinge Cover.

	Per Dozen
No. 2—8¾x4¼x12 in., Strong Wire Handles, Two Compartments, for Mash and Beef Scrap	**$10.65**

Weight Per Dozen About 25 Pounds.

Oats Sprouters.

ECONOMY



Steel.

	Each
No. 1—35 in. High, 18 in. Wide, 18 in. Deep, Six Shelves	**$9.50**

Weight Each About 35 Pounds.

Poultry Brood Coops.

NESCO

Nestable, Galvanized.

	Per Dozen
Nesco—18¼ in. High, 20 in. Diameter at Bottom, Removable Bottom, Ventilator at Top, Door Lift Up, Round Door for Chicks	**$26.65**

Weight Each About 16 Pounds. One-half Dozen in a Crate.

Hens' Nests.

No. 17 Coppered Wire Mesh.

	Per Dozen
No. 15—14 in. Diameter, 7 in. Deep, Eight Coppered Flat Steel Ribs, No. 10 Coppered Wire Top Ring	**$1.35**

Weight Per Dozen About 8 Pounds.

One Dozen in a Crate.

Poultry Punches.

Steel, 2¾ in. Long, Steel Spring.

	Per Dozen
No. 2—Plain, White Satin Finish	**$4.00**
No. 1—Finely Nickel Plated and Polished	**5.35**

Weight Per Dozen About 1 Pound. One Dozen in a Box.

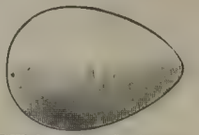
Poultry Leg Bands.

Aluminum.

	Per 100
No. 25—3½ in. Long	**$0.80**

One Hundred in a Box.

Nest Eggs.

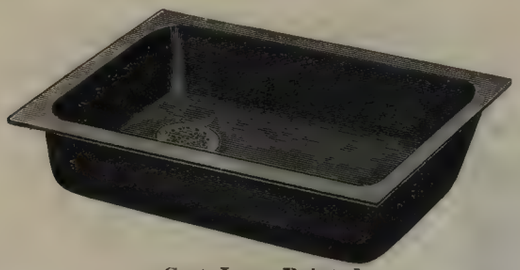


White Opal Glass.

No. 5—Per Dozen	**$0.35**
No. 5—Per Gross	**3.35**

One Dozen in a Paper Carton.

Sinks.

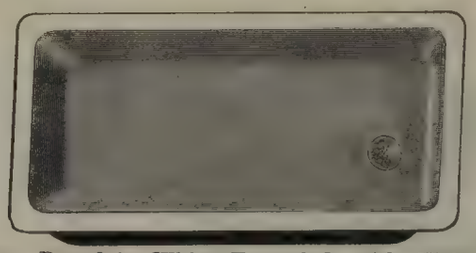


Cast Iron, Painted.

Inches	16x24	16x30	18x24	18x30	18x32
Depth, Inches	6	6	6	6	6
Ap. Wt. Each, Lbs.	31	34	35	38	43
Each	$1.80	2.25	2.15	2.60	3.00

Inches		18x36	20x30	20x36	20x40
Depth, Inches		6	6	6	6
Ap. Wt. Each, Lbs.		46	41	47	54
Each		$3.00	3.00	3.90	4.50

Open Stock.



Cast Iron, Porcelain White Enameled, with Nickel Plated Brass Strainer with 1¼ in. Tail Piece.

Inches	16x24	16x30	18x24	18x30
Depth, Inches	6	6	6	6
Ap. Weight Each, Lbs.	25	33	30	35
Each	$4.70	5.60	5.15	4.90

Inches	18x36	20x30	20x36	20x40
Depth, Inches	6	6	6	6
Ap. Weight Each, Lbs.	39	36	44	50
Each	$6.90	5.80	7.80	10.00

Three in a Crate.

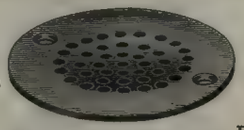
Sink Strainers.

With 1¼ in. Lead Pipe Connection.

	Each
No. 0—Brass, Nickel Plated	$1.15

Weight Per Dozen About 18 Pounds.

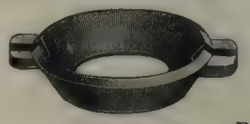
Sink Strainer Plates.



	Per Dozen
No. 1—Painted	$2.70
No. 2—Nickel Plated	4.00

Weight Per Dozen About 10 Pounds.

Sink Couplings.



	Per Dozen
No. 3—Iron, Plain, for Lead Pipe	$1.80
No. 4—Iron, Threaded, for 1¼ in. Iron Pipe	4.80

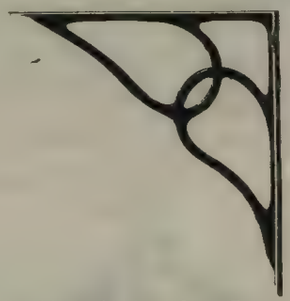
Weight Per Dozen About 9 Pounds.

Sink Bolts.

	Per 100
No. 5—¼x2¼ in., Iron, Double Nut	$3.35
No. 6—¼x1 in., Brass, Nickel Plated	6.70

Weight Per 100 About 9 Pounds.

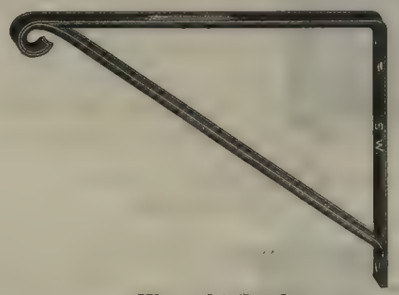
Sink Brackets.



14½x15½ in., Cast Iron.

	Per Dozen Pairs
No. 1/J—Black Japanned	$ 8.90
No. 2/W—White Japanned	14.50

Weight Per Dozen About 24 Pounds.



Wrought Steel.

No. 797/J—Japanned.

Inches	11x14	12x17
Ap. Wt. Doz. Prs., Lbs.	18	24
Per Dozen Pairs	$5.90	7.25

No. 797/Z—Sheradized.

Inches	11x14	12x17
Ap. Wt. Doz. Prs., Lbs.	18	24
Per Dozen Pairs	$9.45	11.70

Sink Strainers.

SANITARY

Wire Hanger.

9½x10½ in. Across Top, 4¾ in. Deep.

	Per Dozen
No. 10—Fine Blue Enameled	$2.70
No. 100—White Enameled	8.00

Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

SANITARY

Strong Wire Stand.

9½x10½ in. Across Top, 5¼ in. High.

	Per Dozen
No. 20—Fine Blue Enameled	$2.70
No. 200—White Enameled	8.00

Weight Per Dozen About 7 Pounds.
One Dozen in a Box.

RIVAL

Heavy Polished Aluminum.

	Per Dozen
Rival—9x8 in. Across Top, 4½ in. Deep, Heavy Wire Around Top	$4.50

Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

Plumbers' Force Cups.

Plumber's Friend.

	Per Dozen
No. 15—4 in. Seamless Rubber Cup, 42 in. Detachable Wood Handle	$6.70

Weight Per Dozen About 12 Pounds.
Open Stock.

Water Conductors.

Cast Iron, Japanned.

	Per Dozen
No. 100—Threaded for 1¼ and 1½ in. Pipe	$6.15

The Water Conductor in connection with 1¼ or 1½ in. pipe will solve many water conducting problems for the farmers and dairymen.

Weight Per Dozen About 48 Pounds.
Open Stock.

Cistern Pumps.

PITCHER SPOUT

Revolving Closed Top, Painted, Fitted for Iron Pipe.

Nos.	1	2	3	4
Diameter of Cylinder, Inches	2½	3	3½	4
Diameter of Suction Pipe, Inches	1¼	1¼	1¼	1½
Ap. Weight Each, Lbs.	21	22	26	29
Each	$1.90	2.15	2.50	2.90

Extra Plungers, with Rod.

Nos.	01	02	03	04
For Pump, Nos.	1	2	3	4
Each	$0.90	.90	.90	1.15

Galvanized Soldering Tubes.

Nos.	10	20	30	40
For Pump, Nos.	1	2	3	4
Each	$0.12	.12	.12	.22

Pump Leathers.

Perfection, Black, Specially Tanned Crimped Plunger Leathers.

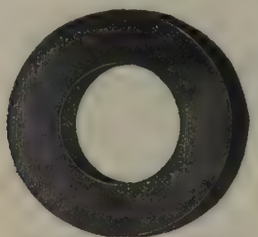
Inches	2	2¼	2½	2¾
Per Dozen	$1.80	2.00	2.25	2.70
Inches	3	3¼	3½	4
Per Dozen	$3.20	3.60	4.50	6.70

Average Weight Per Dozen About ¾ Pound.
One Dozen in a Box.

Crimped Plunger Leathers.

Inches	1	2	2¼	2½	2¾
Per Dozen	$0.55	1.20	1.35	1.75	1.90
Inches	3	3¼	3½	4	5
Per Dozen	$2.15	2.50	3.25	4.15	6.70

Average Weight Per Dozen About ½ Pound.
One Dozen in a Box.



Plain Plunger Leathers.

Nos.	1	2	3
Inches	3	3½	4
Per Dozen	$1.15	1.35	2.15

Average Weight Per Dozen About ½ Pound.
One Dozen in a Box.

Valve Leathers.

Nos.	1	2	3
Inches	3	3½	4
Per Dozen	$1.15	1.35	2.15

Average Weight Per Dozen About ½ Pound.
One Dozen in a Box.

Lead Pipe.

Write for Market Prices.

Extra Light, Wrapped in Hay.

Inches	¾	1	1¼	1½
Average Weight Per Foot	1 lb. 8 oz.	2 lbs.	2 lbs. 8 oz.	3 lbs. 8 oz.
Average Length of Coil, Feet	115	85	70	42
Per Pound	$.....	.....	.....	.....

Drive Well Points.

Galvanized Wrought Iron Pipe, No. 60 Brass Wire Gauze.

Nos.	90	94	98	102
Inside Diameter, Inches.	1¼	1¼	1¼	1¼
Length, Inches	24	30	36	48
Length of Jacket, Inches.	18	24	30	42
Ap Wt. Per Dozen, Lbs..	63	75	90	118
Per Dozen	$20.70	23.35	28.00	38.75
Nos.	**140**	**144**	**148**	**168**
Inside Diameter, Inches.	1½	1½	1½	2
Length, Inches	30	36	48	36
Length of Jacket, Inches.	24	30	42	30
Ap. Wt. Per Dozen, Lbs..	96	111	138	160
Per Dozen	$30.65	37.35	49.30	53.30

These Points are made from the best quality pipe and have elliptic punched holes of uniform size and distance apart.

Washer Well Points.

Galvanized Wrought Iron Pipe, Brass Jacket, No. 60 Brass Wire Gauze.

Nos.	302	303	305
Inside Diameter, Inches...	1¼	1¼	1¼
Length of Point, Inches...	30	36	48
Number of Holes	80	100	140
Ap. Weight Per Dozen, Lbs.	70	78	104
Per Dozen	$23.35	28.00	38.75

The Holes in these Washer Well Points are bored and countersunk. Each hole is covered with brass wire, held in place by a brass washer and riveted.

Rubber Buckets

VICTOR

In Use.

Rubber Turned Back.

For Chain Pumps.

	Per Dozen
Victor—Best Quality White Rubber, Galvanized Malleable Iron Links, Adjustable Thumb Nut	**$1.80**

Weight Per Dozen About 15 Pounds.

Open Stock.

Well Buckets.

Seasoned Red Oak, Varnished.

	Per Dozen
No. 6—Capacity 2¾ Gallons, Full Strapped Ear, Twisted Bail	$9.35

Weight Per Dozen About 90 Pounds.

Open Stock.

DEPARTMENT No. 3

HARNESS, STRAP WORK

AND

SADDLERY HARDWARE

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 3

HARNESS, STRAP WORK
AND
SADDLERY HARDWARE

Halters
Bridles
Horse Collars
Sweat Pads
Collar Pads

Housings
Hames
Curry Combs
Axle Grease
Hitching Weights

Hitching Posts
Interfering Boots
Fly Nets
Lap Dusters
Robes

Feed Bags
Harness Snaps
Rope Fasteners
Horse Blankets
Horse Brushes

Pine Tar, Terrets, Rosettes, Neckyoke Centers, Bridle Bits, Whips, Sleigh Bells, Stable Mangers, Carriage Heaters

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

INDEX.

A

Page

Aprons—Buggy, Storm 670
Assortments—
Carriage Heater 700
Rosette 683
Whip 688, 689
Auto Robes 669
Automobile Heaters 700

B

Back and Hip Straps—Team.... 639
Back Bands 645
Bags—Feed 670
Balls—Hame 660
Bells—
Horse Car 697
House 697
Sleigh 696, 697
Belly Bands 640
Bit Snaps 672
Bits—
Bridle .....685 to 687
Driving 686
Lolling 686
Overcheck 686
Port 687
Blanket Pins 682
Blankets—
Horse 666
Stable 667
Storm 668
Blinds—Cheeked 633
Bolt Hooks 680
Bolts—Hame 676
Boots—Interfering 660
Braces—Round Winker 631
Breast Chains 642
Breast Collar and Traces—Buggy 638
Breast Collar Housings 657
Breast Strap Slides 676
Breast Straps 642
Breeching—
Hip 639
Single Buggy 639
Team 639
Breeching Harness—
Farm .....620 to 623
Pinery Style .....623 to 627
Breeching Rings 677
Bridle Bits .....685 to 687
Bridle Cheeks 632
Bridle Fronts 634
Bridles—
Buggy 627, 628
Stallion 630
Team 629, 630
Track 628
Brushes—Horse 694, 695
Buckle Shields 681
Buckles—
Harness 678, 679
Repair 679
Skate 679
Trace 678, 679
Buggy Breeching—Single 639
Buggy Bridles 627, 628
Buggy Cruppers 640
Buggy Harness—
Double 614, 615
Extra Large Single Strap. 608
Single Strap .....601 to 608
Buggy Lines 635
Buggy Shaft Tugs 642
Buggy Storm Aprons 670
Buggy Traces 636
Buggy Whips .....688 to 690

C

Cards—
Curry 694
Horse 694
Tow 694
Wool 694

C

Page

Carriage Grease 698
Carriage Heater Coal 700
Carriage Heaters 700
Carriers—Trace 681
Castorine 698
Cattle Covers 664
Cattle Tie Irons 674
Centers—Neckyoke 684
Chain Dees—Heel 678
Chains—Breast 642
Check Rein Springs 682
Check Rounds 631
Checked Blinds 633
Checks—
Bridle 632
Flat 631
Round Side 631
Chimes—
Saddle 696
Shaft 696
Cockeyes 674
Collar Housings 657
Collar Pads 656, 657
Collar Straps 643
Collars—Horse .....650 to 654
Combs—Curry 692, 693
Concord Clips 675
Conway Loops 681
Covers—
Cattle 664
Fly 663, 664
Storm Horse 668
Crowns—Team 632
Cruppers 640
Cruppers—With Fork 640
Curry Cards 694
Curry Combs 692, 693

D

Dees—
Harness ..... .677
Heel Chain 678
Pinery Hooks and..... 678
Trace 678
Double Buggy Harness 614, 615
Double Driving Harness 635
Double Team Lines 635
Dressing—
Carriage Top 698
Harness 698
Dusters—Lap 665

E

Ear Tips 665
Ends—Overcheck 630
Express Harness .....611 to 614
Express Housings 658
Express Lines 635
Express Saddles 647
Express Shaft Tugs 642
Express Whips 690

F

Face Pieces—Team 632
Fasteners—
Hame 675
Rope 674
Farm Breeching Harness..620 to 623
Farm Plow Harness 619, 620
Farm Team Harness 620, 621
Feed Bags 670
Fly Covers 663, 664
Fly Nets .....661 to 663
Fronts—Bridle 634
Fur Robes 670

G

Page

Gig Saddles—Single Strap 647
Graphite—Lubricating 699
Grease—Axle 698

H

Halter Loops and Rings..... 676
Halter Squares 677
Halter Ties 648
Halters—
Leather 648
Rope 648
Web 649
Hame Balls 660
Hame Bolts 676
Hame Clips 675
Hame Collar Harness.....609 to 611
Hame Fasteners 675
Hame Line Rings 676
Hame Loops 675
Hame Rivets 676
Hame Rollers 676
Hame Staples 675
Hame Starts 676
Hame Straps 644
Hame Tug Billets 642
Hame Tug Loops 681
Hame Tugs 641, 642
Hame Tugs and Hames..... 641
Hames—
Iron 660
Wood 659
With Traces 638
Hand Parts 636
Harness—
Double Buggy 614, 615
Double Farm .....619 to 623
Double Wagon ....616 to 619
Express .....611 to 614
Farm Breeching...620 to 623
Farm Team 620, 621
Logging 626, 627
Lumber Lead 626
Pinery .....623 to 627
Plow 619, 620
Pony, Double 609
Pony, Single 609
Single Buggy .....601 to 608
Single Delivery 611
Single Express ....611 to 614
Single Grocery 611
Single Hame .....609 to 611
Single Stallion 608
Single Strap, Extra Large. 608
Single Surrey 611
Harness Buckles 678, 679
Harness Dees 677
Harness Dressing 698
Harness Loops—Twin 681
Harness Oil 698
Harness Rings 677
Harness Snaps .....671 to 673
Harness Soap 698
Harvester Whips 691
Hay Racks 699
Heaters—
Automobile 700
Carriage 700
Heel Chain Dees..... 678
Hip Breeching 639
Hitch Straps 648
Hitching Posts 699
Hitching Weights 699
Holders—Rein 636
Hoods—Cloth 665
Hooks—
Bolt 680
Button Check 680
Loop Bolt Pad..... 680
Sweat Pad 684
Hooks and Dees—Pinery 678
Horse Blankets 666

H

Page

Horse Brushes 694, 695
Horse Cards 694
Horse Collars ..... 650 to 654
Horse Covers—Storm 668
Horse Tail Ties 684
Housings—
Breast Collar 657
Coach and Gig 657, 658
Collar 657
Express 658
Neck 657

I

Interfering Roots 660
Irons—Cattle Tie 674

L

Lap Dusters 665
Lashes—Whip 691
Lazy Straps 643
Leather Halters 649
Line Spreader Terrets 682
Lines—
Double Driving 635
Double Team 635
Single Buggy 635
Single Express 635
Logging Traces 637
Lolling Bits 686
Loops—
Celluloid Slide 682
Conway 681
Hame 675
Hame Tug 681
Leather Slide 682
Overcheck 681
Twin Harness 681
Loops and Rings 676
Lubricating Graphite 699
Lumber Lead Harness 626

M

Mangers—Stable 699
Martingale Rings 677
Martingales—
Buggy 643
Logging 643
Team 643
Truck Style Team 643

N

Neck Housings 657
Neckyoke Centers 684
Nets—Fly ..... 661 to 663

O

Oil—
Axle 698
Harness 698
Ornaments—Spot 682
Overcheck Bits 686
Overcheck Ends 630
Overcheck Loops 681
Overchecks 630

P

Pads—
Collar 656, 657
Sweat 655, 656
Team 645
Pine Tar 699
Pinery Breeching Harness ..... 623 to 625
Pinery Hooks and Dees 678
Pinery Team Harness 626, 627
Pinery Trace Billets 642
Pinery Traces 637
Pins—Blanket 682
Plow Harness 619, 620
Plush Robes 669
Pony Harness 609
Port Bits 687
Posts—Hitching 699

R

Page

Racks—Whip 691
Repair Buckles 679
Repair Clips 675
Rein Holders 636
Rein Supports 684
Riding Whips 690
Rings—
Breeching 677
Halter Loops and 676
Hame Line 676
Harness 677
Martingale 677
Wood 677
Rivets—Hame 676
Robes—
Auto 669
Buffalo Cloth 669
Fur 670
Plush 669
Rollers—
Hame 676
Spread 682
Rolls—Trotting 660
Rope Fasteners 674
Rope Halters 648
Rope Snaps 672
Rope Thimbles 674
Rosettes 683
Round Side Checks 631
Round Winker Braces 631
Rounds—Check 631
Runners—Swivel or Gag 680

S

Saddle Chimes 696
Saddles—
Express 647
Single Strap, Gig 647
Shaft Tugs—
Buggy 642
Express 642
Shawls—Auto 669
Sheets—Stable 664
Shields—Buckle 681
Side Checks 631
Side Straps 644
Single Buggy Breeching 639
Single Strap Buggy Harness ..... 601 to 608
Skate Buckles 679
Sleigh Bells 696, 697
Slide Loops 682
Slides—Breast Strap 676
Snaffles 686
Snaps—
Bit 672
Harness ..... 671 to 673
Rope 672
Whip 691
Soap—Harness 698
Sockets—Whip 688
Splices—Trace 678
Spread Rollers 682
Spread Straps 646
Springs—Check Rein 682
Squares—Halter 677
Stable Blankets 667
Stable Mangers 699
Stable Sheets 664
Stallion Bridles 630
Stallion Harness 608
Staples—Hame 695
Starts—Hame 676
Stays—Front and Winker 631
Storm Aprons 670
Storm Blankets 668
Straps—
Breast 642
Buggy Back with Crupper 640
Collar 643
Halter Tie 648
Hame 644
Hitch 648
Lazy 643
Side 644

S

Page

Straps—*Continued.*
Spread 646
Team Back and Hip 639
Team Back and Crupper 640
Team Bit 632
Weight 648
Supports—Rein 684
Surcingles 670
Surrey Harness 611
Sweat Pad Hooks 684
Sweat Pads 655, 656
Swivels or Gag Runners 680

T

Tar—Pine 699
Team Back and Hip Straps 639
Team Bit Straps 632
Team Breeching 639
Team Bridles 629, 630
Team Crowns 632
Team Cruppers 640
Team Face Pieces 632
Team Harness—
Farm 620, 621
Pinery or Logging 626
Team Pads 645
Team Throats 632
Team Traces 636
Team Whips 691
Terrets 680
Terrets—Line Spreader 682
Thimbles—Rope 674
Ties—Horse Tail 684
Tips—Ear 665
Tow Cards 694
Trace Buckle Parts 679
Trace Buckles 678, 679
Trace Carriers 681
Trace Connectors 675
Trace Dees 678
Trace Splices 678
Traces—
Buggy Breast Collars and 638
Double Driving 636
Pinery or Logging 637
Single Buggy 636
Team 636
Truck 637
With Hames 638
Traces and Hames 638
Track Bridles 628
Trotting Rolls 660
Truck Traces 637
Tugs—
Buggy Shaft 642
Express Shaft 642
Hame 641, 642

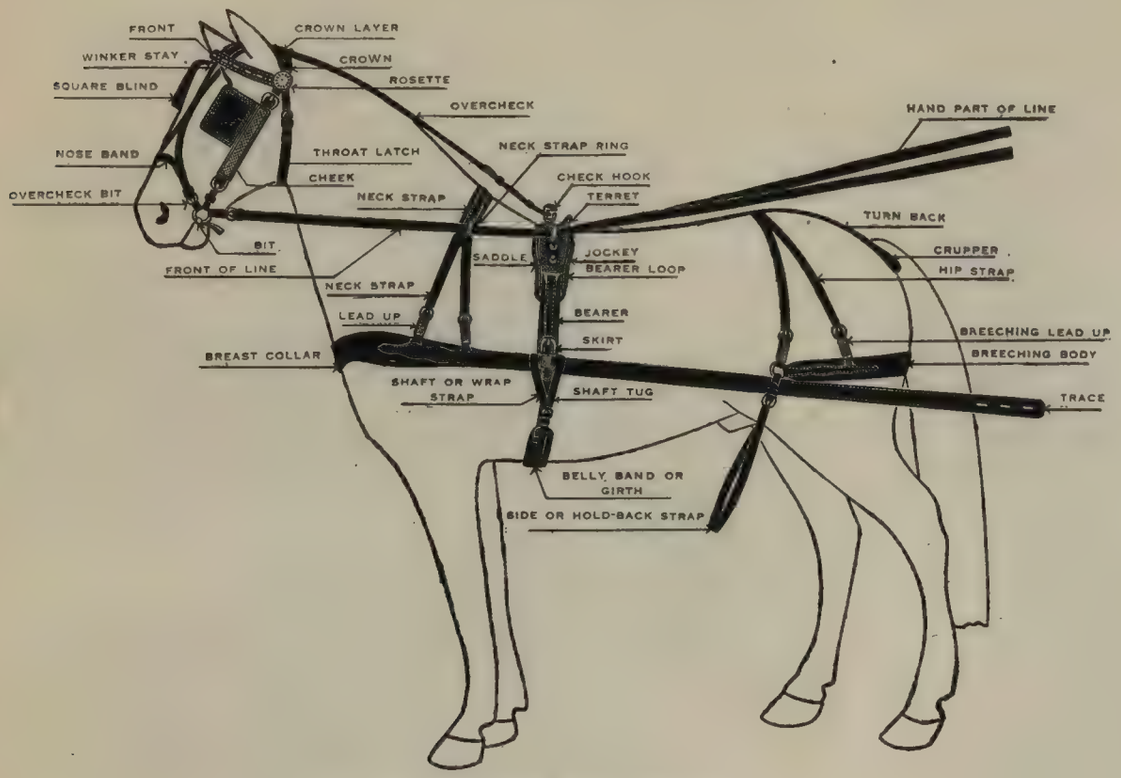
U

Umbrellas—Wagon 664

W

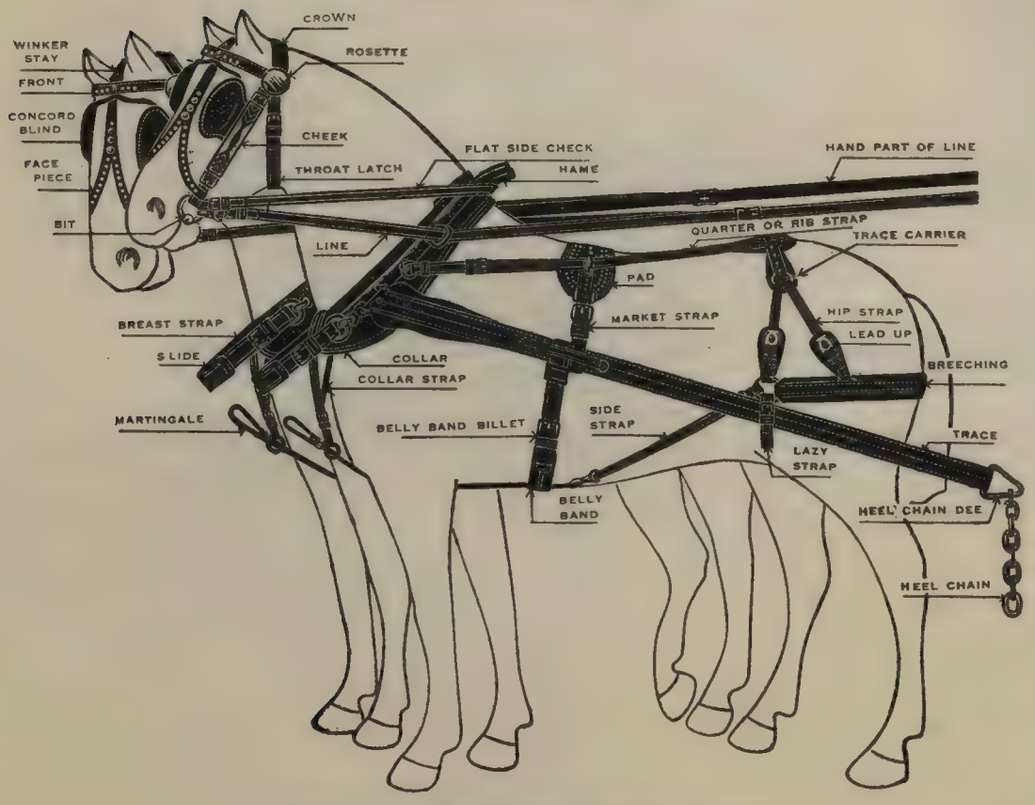
Wagon Harness ..... 616 to 619
Wagon Umbrellas 664
Web Halters 649
Weight Straps 648
Weights—Hitching 699
Whip Lashes 691
Whip Racks 691
Whip Snaps 691
Whip Sockets 688
Whip Stocks 691
Whips—
Buggy ..... 688 to 690
Express 690
Harvester 691
Riding 690
Team 691
Winker Braces—Round 631
Winker Stays 631
Wood Rings 677
Wool Cards 694

Parts of Single Harness.



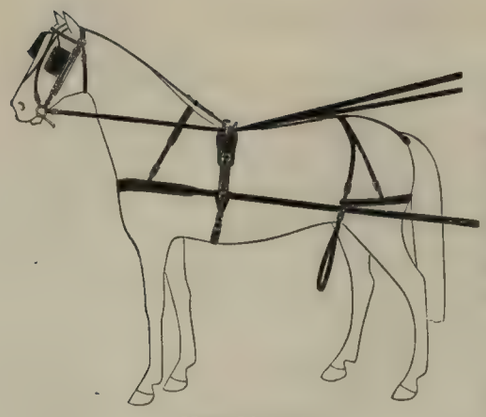
No. 65—Single Buggy Harness.

Parts of Double Harness.



No. 0284—Double Pinery Style Breeching Harness.

Harness.



Nos. 30 and 31.

SINGLE STRAP BUGGY HARNESS

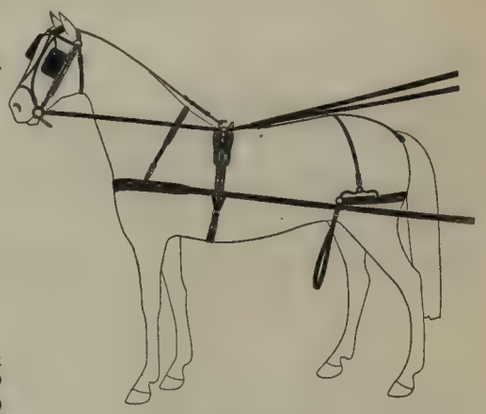
BRIDLE—⅝ in., 3-Buckle Overcheck, Box Loop, Round Winker Stay.
LINES—⅞ in., Loop End.
BREAST COLLAR—Curved, Smooth Finish.
TRACES—1⅛ in., Smooth Finish, Attached to Breast Collar.
SADDLE—Flexible, 2½ in., Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Side Straps ¾ in., Hip Strap ⅝ in., Split.
TURNBACK—¾ in., with Round Crupper.
No Tie Strap.
Weight, Boxed, About 17 Pounds.

	Per Set
No. 30—Japanned, 3-Piece, Nickel Trimmed	**$20.10**
No. 31—Japanned, 3-Piece, Imitation Rubber Trimmed	**20.10**

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
BREAST COLLAR—Curved, Smooth Finish.
TRACES—1⅛ in., Smooth Finish, Attached to Breast Collar.
SADDLE—Flexible, 2½ in. Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, 3-Ring Brace, Side Straps ⅞ in., Hip Strap ¾ in.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Strap.
Weight, Boxed, About 17 Pounds.

	Per Set
No. 032—Full Nickel Trimmed	**$22.90**
No. 033—Full Imitation Rubber Trimmed	**22.90**



Nos. 032 and 033.

Nos. 035 and 036.

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
BREAST COLLAR—Curved, Smooth Finish.
NECK STRAP—Smooth Finish, Split, with Line Terret.
TRACES—1⅛ in., Smooth Finish, Attached to Breast Collar.
SADDLE—Flexible, 2½ in. Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in., Box Loop.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Side Straps ⅞ in., Hip Strap ⅝ in.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Strap.
Weight, Boxed, About 17 Pounds.

	Per Set
No. 035—Full Nickel Trimmed	**$24.10**
No. 036—Full Imitation Rubber Trimmed	**24.10**

All Above, One Set in a Box.

Harness.

Nos. 038 and 039.

SINGLE STRAP BUGGY HARNESS

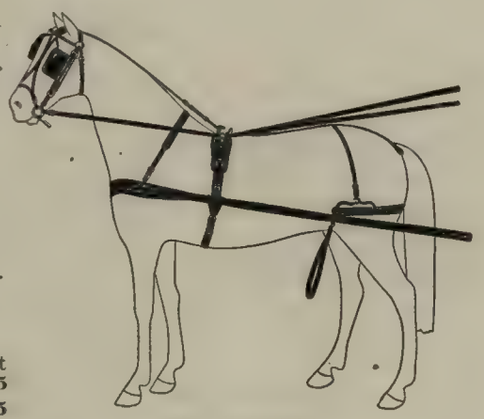
BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
BREAST COLLAR—Curved, Smooth Finish.
NECK STRAP—Split, with Line Terrets, Nickel Spotted.
TRACES—1⅛ in., Smooth Finish, Attached to Breast Collar.
SADDLE—Flexible, 2½ in. Patent Leather Jockey, Dee Bearer.
SHAFT TUGS—⅞ in., Box Loop.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Side Strap ⅞ in., Hip Strap ⅝ in., Split, Nickel Spotted.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Strap.
Weight, Boxed, About 17 Pounds.

	Per Set
No. 038—Full Nickel Trimmed	**$24.65**
No. 039—Full Imitation Rubber Trimmed	**24.65**

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
SADDLE—Flexible, 2½ in., Large Swell, Patent Leather Jockey, Dee Bearer.
SHAFT TUGS—⅞ in., with Box Loops.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, 3-Ring Brace, Side Straps ⅞ in., Hip Straps ¾ in.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Strap.
Weight, Boxed, About 17 Pounds.

	Per Set
No. 35—Full Nickel Trimmed	**$23.65**
No. 36—Full Imitation Rubber Trimmed	**23.65**



Nos. 35 and 36.

Nos. 40 and 41.

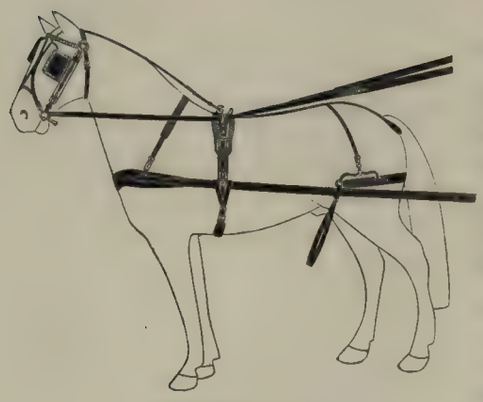
SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Split, with Line Terrets.
SADDLE—Flexible, 2½ in., Large Swell, Patent Leather Jockey, Dee Bearer.
SHAFT TUGS—⅞ in.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Side Straps ⅞ in., Hip Strap ⅝ in., Scalloped, Split.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Strap.
Weight, Boxed, About 17 Pounds.

	Per Set
No. 40—Full Nickel Trimmed	**$25.10**
No. 41—Full Imitation Rubber Trimmed	**25.10**

All Above, One Set in a Box.

Harness.



Nos. 040 and 041.

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—⅞ in., with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
SADDLE—Flexible, 2½ in., Large Swell Shape, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in., with Box Loop.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, 3-Ring Brace, Side Straps ⅞ in., Hip Straps ¾ in., Single.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Strap.

Weight, Boxed, About 17 Pounds.

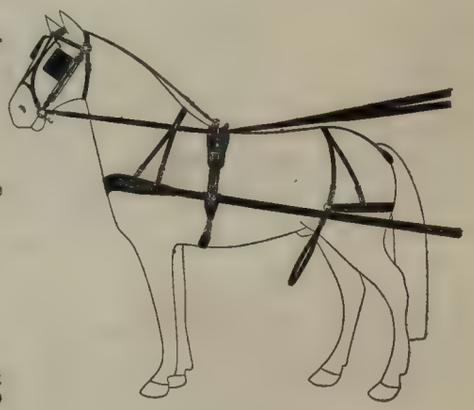
	Per Set
No. 040—Full Nickel Trimmed	**$24.00**
No. 041—Full Imitation Rubber Trimmed	**24.00**

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—⅞ in., with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Split, with Line Terrets.
SADDLE—Flexible, 2½ in., Large Swell Shape, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in., with Box Loop.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Side Straps ⅞ in., Hip Straps ⅝ in., Split.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
No Tie Straps.

Weight, Boxed, About 17 Pounds.

	Per Set
No. 042—Full Nickel Trimmed	**$25.30**
No. 043—Full Imitation Rubber Trimmed	**25.30**



Nos. 042 and 043.

Nos. 45 and 46.

SINGLE STRAP BUGGY HARNESS

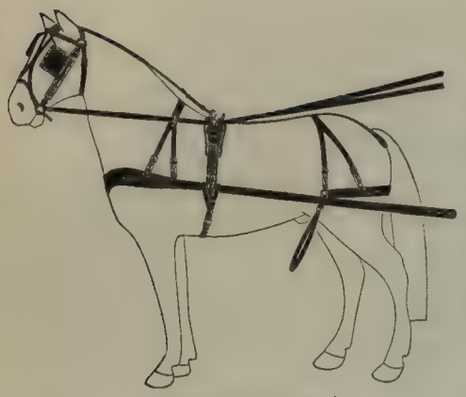
BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Box Loop End.
BREAST COLLAR—V-Shape, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
SADDLE—3 in., Flexible, Large Swell, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loop.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, 3-Ring Brace, Side Straps ⅞ in., Hip Strap ¾ in.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 18 Pounds.

	Per Set
No. 45—Full Nickel Trimmed	**$26.75**
No. 46—Full Imitation Rubber Trimmed	**26.75**

All Above, One Set in a Box.

Harness.



Nos. 50 and 51.

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Box Loop End.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Split, with Line Terrets.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loop.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Side Straps ⅞ in., Hip Straps ⅝ in., Split.
TURNBACK—⅞ in., Split, Scalloped, Round Crupper.
TIE STRAP—⅞ in.

Weight, Boxed, About 18 Pounds.

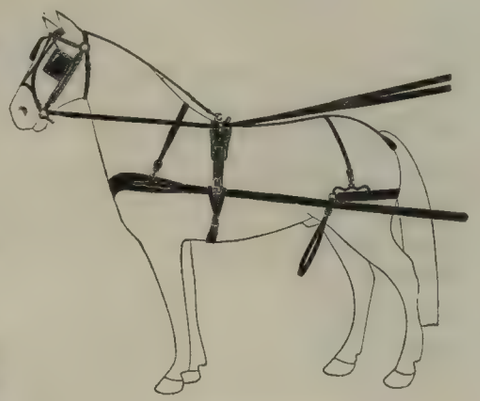
	Per Set
No. 50—Full Nickel Trimmed	**$27.80**
No. 51—Full Imitation Rubber Trimmed	**27.80**

SINGLE STRAP BUGGY HARNESS

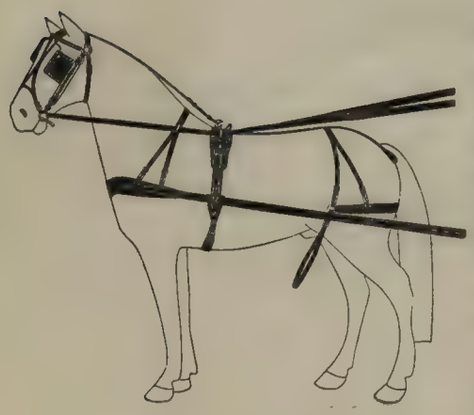
BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loops.
GIRTH—Griffith Style, ⅞ in., Wrap Strap.
BREECHING—Smooth Finish, 3-Ring Brace, Box Loop Tug, Side Straps ⅞ in., Hip Straps ¾ in.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 18 Pounds.

	Per Set
No. 55—Full Nickel Trimmed	**$28.65**
No. 56—Full Brass Trimmed	**28.65**
No. 57—Full Imitation Rubber Trimmed	**28.65**
No. 58—Full Genuine Rubber Trimmed	**34.00**



Nos. 55 to 58.



Nos. 60 to 63.

SINGLE STRAP BUGGY HARNESS

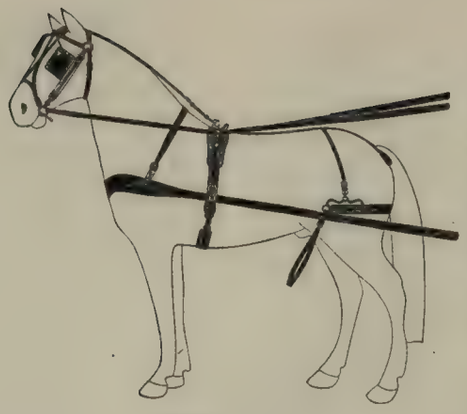
BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Split, with Line Terrets.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Strap.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Scalloped Split Hip Strap ⅝ in.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 18 Pounds.

	Per Set
No. 60—Full Nickel Trimmed	**$30.00**
No. 61—Full Brass Trimmed	**30.00**
No. 62—Full Imitation Rubber Trimmed	**30 00**
No. 63—Full Genuine Rubber Trimmed	**35.30**

All Above, One Set in a Box.

Harness.



Nos. 050 to 052.

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Dee Billet.
GIRTH—Sliding Girth, Single Strap.
BREECHING—Smooth Finish, 3-Ring Brace, Box Loop Tugs, Side Straps ⅞ in., Hip Strap ¾ in.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 18 Pounds.

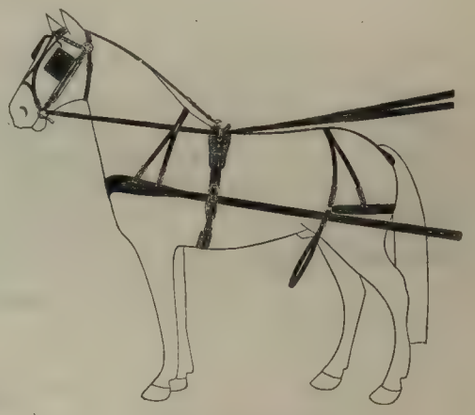
	Per Set
No. 050—Full Nickel Trimmed	**$29.00**
No. 051—Full Imitation Rubber Trimmed	**29.00**
No. 052—Full Genuine Rubber Trimmed	**34.35**

SINGLE STRAP BUGGY HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Split, with Line Terrets.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Dee Billet.
GIRTH—Sliding Girth, Single Strap.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Hip Strap ⅝ in., Scalloped, Split.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

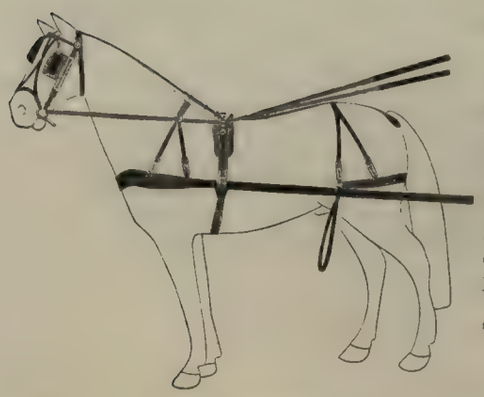
Weight, Boxed, About 18 Pounds.

	Per Set
No. 054—Full Nickel Trimmed	**$30.30**
No. 055—Full Imitation Rubber Trimmed	**30.30**
No. 056—Full Genuine Rubber Trimmed	**35.65**



Nos. 054 to 056.

SINGLE STRAP BUGGY HARNESS



Nos. 060 and 061.

BRIDLE—⅝ in., Crown Single Strap with Layer Dee End, Box Loop Cheeks with Billet Buckled in Dee of Crown, 3-Buckle Overcheck, with Nose Band, Combination Front and Winker Stay.
LINES—¾ in., Doubled and Stitched Front, with 1⅛ in. Hand Parts.
BREAST COLLAR—V-Shaped, Doubled and Stitched.
TRACES—1¼ in., Single Strap, Smooth Finish, Attached to Breast Collar.
NECK STRAPS—Split, Single Strap, with Layer and Spider Neck Strap Terrets.
SADDLE—3 in., Flexible, Large, Swell Shaped, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loop.
GIRTH—Griffith Style, Doubled and Stitched, ⅞ in. Wrap Straps.
BREECHING—Doubled and Stitched, Box Loop Tugs, Side Straps ⅞ in., Hip Straps ⅝ in., Split.
TURNBACK—⅞ in., Scalloped, Round Crupper.
No Tie Strap.

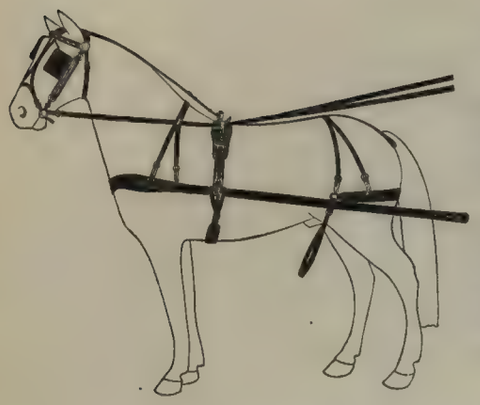
Weight, Boxed, About 18 Pounds.

	Per Set
No. 060—Full Nickel Trimmed	**$27.75**
No. 061—Full Imitation Rubber Trimmed	**27.75**

All Above, One Set in a Box.

Harness.

SINGLE STRAP BUGGY HARNESS



Nos. 062 to 064.

BRIDLE—¾ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1⅝ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—¾ in., Split, with Line Terrets.
SADDLE—3 in., Flexible, Extra Large Swell Shaped Pad, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loop.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Smooth Finish, Box Loop Tugs.
SIDE STRAPS—1 in., Hip Straps ¾ in., Split.
TURNBACKS—1 in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 19 Pounds.

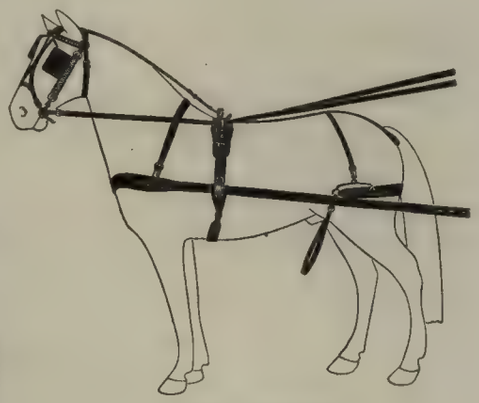
	Per Set
No. 062—Full Nickel Swedge Trimmed	**$31.10**
No. 063—Full Brass Swedge Trimmed	**31.10**
No. 064—Full Imitation Rubber Wire Trimmed	**31.10**

SINGLE STRAP BUGGY HARNESS

BRIDLE—¾ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Extra Wide, Smooth Finish.
TRACES—1⅝ in., Smooth Finish, Attached to Breast Collar.
SADDLE—3 in., Flexible, Single Strap, Swell Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., with Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Extra Wide, Smooth Finish, 3-Ring Brace, Box Loop Tugs, Side Straps 1 in., Hip Straps ¾ in.
TURNBACK—1 in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

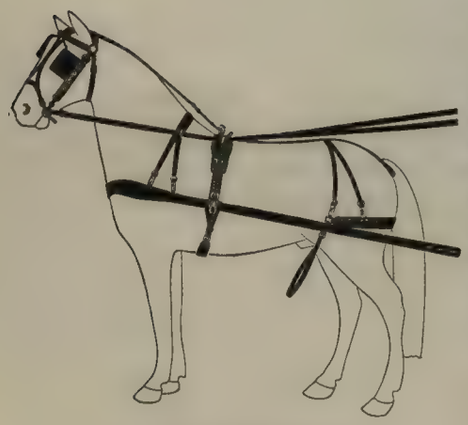
Weight, Boxed, About 19 Pounds.

	Per Set
No. 072—Full Nickel, Swedge Buckles and Trimmings	**$31.85**
No. 073—Full Brass, Swedge Buckles and Trimmings	**31.85**
No. 074—Full Imitation Rubber, Wire Buckles	**31.85**
No. 075—Full Genuine Rubber, Wire Buckles	**36.50**



Nos. 072 to 075.

SINGLE STRAP BUGGY HARNESS



Nos. 65 to 68.

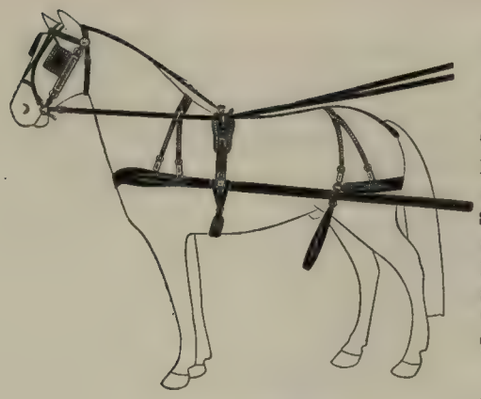
BRIDLE—¾ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Extra Wide, Smooth Finish.
TRACES—1⅝ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Split, with Fold and Line Terrets.
SADDLE—3 in., Flexible, Single Strap, Swell Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., with Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Strap.
BREECHING—Extra Wide, Smooth Finish, Box Loop Tugs, Scalloped, Split Hip Straps ¾ in., Side Straps 1 in.
TURNBACK—1 in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 19 Pounds.

	Per Set
No. 65—Full Nickel, Swedge Buckles and Trimmings	**$33.70**
No. 66—Full Brass, Swedge Buckles and Trimmings	**33.70**
No. 67—Full Imitation Rubber, Wire Buckles	**33.70**
No. 68—Full Genuine Rubber, Wire Buckles	**38.50**

All Above, One Set in a Box.

Harness.



Nos. 065 and 066.

SINGLE STRAP BUGGY HARNESS

BRIDLE—¾ in., Box Loop, Spotted Blinds, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1⅜ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—¾ in., Split, with Line Terrets, Spotted.
SADDLE—3 in., Flexible, Large Swell Shape, Spotted, Dee Bearers.
SHAFT TUGS—1 in., Box Loop.
GIRTH—Griffith Style, ⅞ in. Wrap Strap.
BREECHING—Smooth Finish, Box Loop Tug.
SIDE STRAPS—1 in., Hip Strap, Scalloped, ¾ in. Split, Spotted.
TURNBACK—1 in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 19 Pounds.

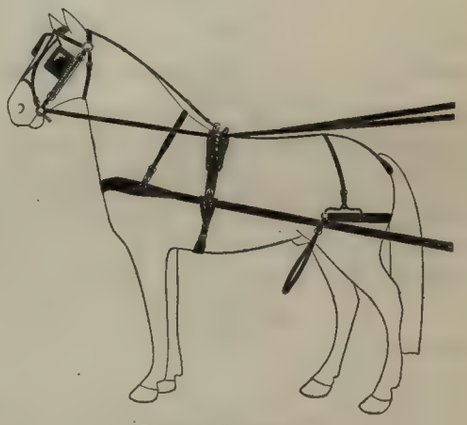
	Per Set
No. 065—Full Nickel Swedge Trimmed	**$32.65**
No. 066—Full Brass Swedge Trimmed	**32.65**

SINGLE STRAP BUGGY HARNESS

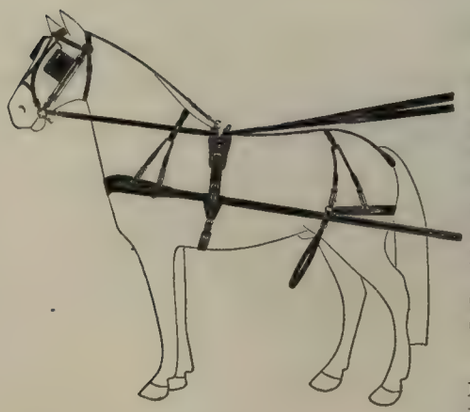
BRIDLE—⅝ in., Box Loop, Extended Lap, 5-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in. Front, 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., with Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Strap.
BREECHING—Smooth Finish, 3-Ring Brace, Box Loop Tugs.
SIDE STRAPS—⅞ in., Hip Strap ¾ in.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 19 Pounds.

	Per Set
No. 077—Full Nickel French Wire Trimmed	**$31.30**
No. 078—Full Imitation Rubber Trimmed	**31.30**
No. 079—Full Genuine Rubber Trimmed	**35.90**



Nos. 077 to 079.



Nos. 067 to 070.

SINGLE STRAP BUGGY HARNESS

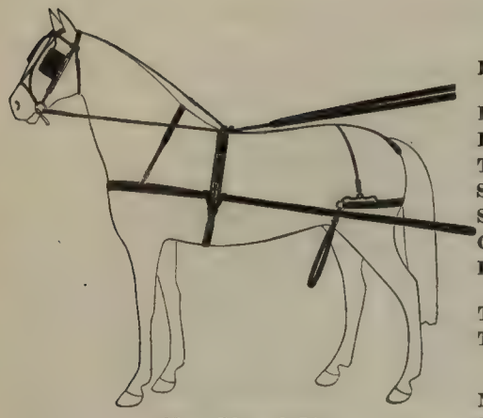
BRIDLE—⅝ in., with Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—Scalloped Center, with Line Terrets and Round Sliding Fork.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Hip Strap, Scalloped Center with Round Sliding Forks.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 18 Pounds.

	Per Set
No. 067—Full Nickel Trimmed	**$31.30**
No. 068—Full Brass Trimmed	**31.30**
No. 069—Full Imitation Rubber Trimmed	**31.30**
No. 070—Full Genuine Rubber Trimmed	**36.65**

All Above, One Set in a Box.

Harness.



Nos. 70 and 71.

SINGLE STRAP BUGGY HARNESS

BRIDLE—½ in., Box Loops, Extended Lap, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—Beaded, ⅝ in. Fronts, with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—Glove Grain Fold, Narrow Layer.
TRACES—1⅛ in., Single Strap, Smooth Finish, Attached to Breast Collar.
SADDLE—2½ in., Full Patent Leather, Dee Bearers.
SHAFT TUGS—⅞ in., Round Bottom, with Box Loops.
GIRTH—Glove Grain Fold, Sliding.
BREECHING—Glove Grain Fold, with Narrow Layer, 3-Ring Brace, Box Loop Tugs, Side Straps ¾ in., Hip Strap ½ in.
TURNBACK—¾ in., with Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 17 Pounds.

	Per Set
No. 70—Imitation Rubber Trimmed, with Gilt Track Trimmings	**$36.00**
No. 71—Full Genuine Rubber Trimmed	**41.30**

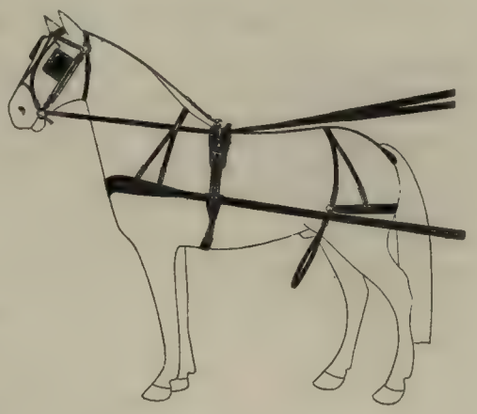
EXTRA LARGE SINGLE STRAP HARNESS

For Horses Weighing from 1,300 to 1,600 Pounds.

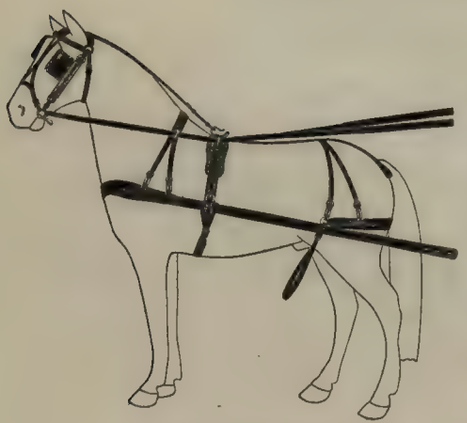
BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billet.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1¼ in., Smooth Finish, Attached to Breast Collar.
NECK STRAPS—Split, with Line Terrets.
SADDLE—3 in., Flexible, Extra Large, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loop.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Hip Straps ⅝ in., Scalloped, Split.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 19 Pounds.

	Per Set
No. 080—Full Nickel Trimmed	**$30.80**
No. 081—Full Imitation Rubber Trimmed	**30.80**



Nos. 080 and 081.



Nos. 082 and 083.

EXTRA LARGE SINGLE STRAP STALLION HARNESS

For Horses Weighing from 1,600 to 2,000 Pounds.

BRIDLE—¾ in., Box Loop, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., with 1⅛ in. Hand Parts, Spring Billets.
BREAST COLLAR—V-Shaped, Smooth Finish.
TRACES—1⅜ in., Smooth Finish, Attached to Breast Collar.
NECK STRAP—¾ in., Split, with Line Terrets.
SADDLE—3½ in., Single Strap, Swell Pad, Dee Bearers.
SHAFT TUGS—1⅛ in., Box Loop and Dee Billets.
GIRTH—Single Strap, Sliding.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps 1 in., Hip Straps ¾ in., Split, Scalloped.
TURNBACK—1 in., with Round Crupper.
No Tie Strap.

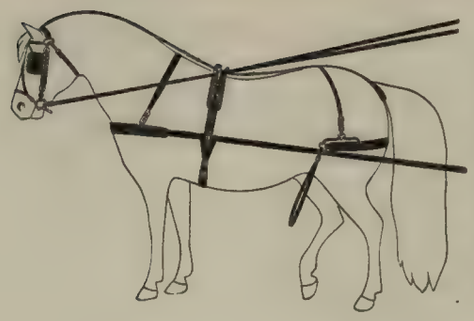
Weight, Boxed, About 23 Pounds.

	Per Set
No. 082—Full Nickel Swedge Trimmed	**$41.30**
No. 083—Full Brass Swedge Trimmed	**41.30**

All Above, One Set in a Box.

Harness.

SINGLE STRAP PONY HARNESS



Nos. 300 and 301.

For Ponies Weighing 600 to 750 Pounds.

BRIDLE—½ in., Box Loops, Overcheck, with Nose Band, Round Winker Stay.
LINES—⅞ in. Throughout, Loop End.
BREAST COLLAR—Smooth Finish.
TRACES—1⅛ in., Attached to Breast Collar.
SADDLE—Pony, Single Strap.
SHAFT TUGS—⅞ in., Box Loops.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, 3-Ring Brace, Box Loop Tugs, Side Straps ¾ in., Hip Strap ½ in.
TURNBACK—¾ in., Round Crupper.
No Tie Strap.

Weight, Boxed, About 13 Pounds.

	Per Set
No. 300—Full Nickel Trimmed	**$23.25**
No. 301—Full Imitation Rubber Trimmed	**23.25**

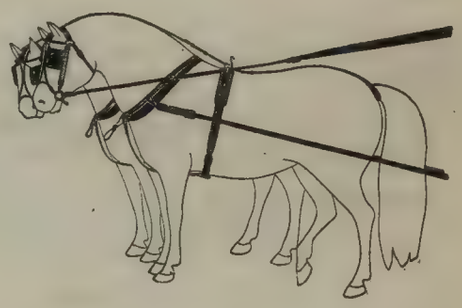
LIGHT DOUBLE PONY HARNESS

For Ponies Weighing 600 to 750 Pounds.

BRIDLES—½ in., Box Loops, Overcheck, Round Winker Stay.
LINES—⅞ in. Front, 1 in. Hand Parts.
HAME TUGS—1 in., Box Loops, Iron Hames.
TRACES—1 in., Raised, Doubled and Stitched.
MARTINGALES—¾ in.
POLE STRAPS—1⅛ in.
COACH PADS—Duke Pony.
SKIRTS—Single Strap, Smooth Finish.
GIRTH—Single Strap.
TURNBACKS—¾ in., Scalloped, Round Crupper.
No Tie Strap.

Weight, Boxed, About 28 Pounds.

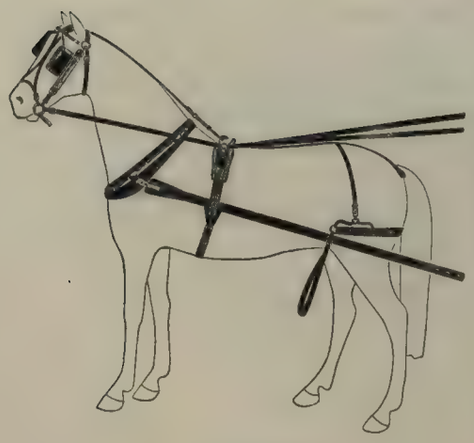
WITHOUT COLLARS.



Nos. 310 and 311.

	Per Set
No. 310—Full Nickel Trimmed	**$42.30**
No. 311—Full Imitation Rubber Trimmed	**42.30**

SINGLE STRAP HAME COLLAR HARNESS



Nos. 085 and 086.

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
TRACES—1¼ in., Smooth Finish, Attached to Japanned Iron Hames.
SADDLE—2½ in., Flexible, Large Swell, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in., with Box Loops.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, 3-Ring Brace, Side Straps ⅞ in., Hip Strap ¾ in.
TURNBACK—⅞ in., Scalloped, Round Crupper.
No Tie Strap.

Weight, Boxed, About 20 Pounds.

WITHOUT COLLAR.

	Per Set
No. 085—Nickel Trimmed	**$23.60**
No. 086—Imitation Rubber Trimmed	**23.60**

All Above, One Set in a Box.

Harness.

Nos. 087 and 088.

SINGLE STRAP HAME COLLAR HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in., Loop End.
TRACES—1¼ in., Smooth Finish, Attached to Japanned Iron Hames.
SADDLE—2½ in., Flexible, Large Swell, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—⅞ in., with Box Loops.
GIRTH—Griffith Style.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Hip Strap ⅝ in., Scalloped, Split.
TURNBACK—⅞ in., Scalloped Round Crupper.
No Tie Strap.

Weight, Boxed, About 21 Pounds.

WITHOUT COLLAR.

	Per Set
No. 087—Full Nickel Trimmed	**$24.00**
No. 088—Full Imitation Rubber Trimmed	**24.00**

SINGLE STRAP HAME COLLAR HARNESS

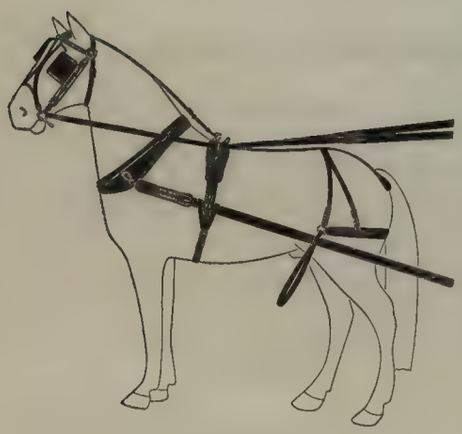
BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.
LINES—1 in. Fronts, with 1 in. Russet Hand Parts, Spring Billets.
HAME TUGS—1¼ in., with Box Loops and Safes, Japan Iron Hames.
TRACES—1½ in., Single Strap, with 1¼ in. Doubled and Stitched Points.
SADDLE—3 in., Flexible, Swell Pad, Patent Leather Jockey.
SHAFT TUGS—1 in., Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Hip Straps ¾ in., Split.
TURNBACK—⅞ in., Scalloped, Round Crupper.
No Tie Strap.

Weight, Boxed, About 20 Pounds.

WITHOUT COLLAR.

	Per Set
No. 095—Japanned, Nickel Trimmed	**$24.25**
No. 096—Japanned, Imitation Rubber Trimmed	**24.25**

Nos. 095 and 096.



Nos. 098 and 099.

SINGLE STRAP HAME COLLAR HARNESS

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in. Fronts, with 1⅛ in. Hand Parts, Spring Billets.
HAME TUGS—1¼ in., Box Loops and Safe, Bell Draft Eye Iron Hames.
TRACES—1¼ in., Single Strap, with Doubled and Stitched Points.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey.
SHAFT TUGS—1 in., with Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Smooth Finish, Box Loop Tugs.
SIDE STRAPS—⅞ in.
HIP STRAP—Scalloped, ⅝ in., Split.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 22 Pounds.

WITHOUT COLLAR.

	Per Set
No. 098—Full Nickel Trimmed	**$30.65**
No. 099—Full Imitation Rubber Trimmed	**30.65**

All Above, One Set in a Box.

Harness.

SINGLE STRAP HAME COLLAR HARNESS

Nos. 090 to 093.

BRIDLE—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Round Winker Stay, Glass Rosettes.
LINES—1 in., 1⅛ in. Hand Parts, Spring Billet.
TRACES—1¼ in., Smooth Finish, Attached to O Spot Ball Eye Iron Hames.
SADDLE—3 in., Flexible, Single Strap, Patent Leather Jockey, Dee Bearers.
SHAFT TUGS—1 in., Box Loops.
GIRTH—Griffith Style, ⅞ in. Wrap Straps.
BREECHING—Smooth Finish, Box Loop Tugs, Side Straps ⅞ in., Hip Strap ⅝ in., Split, Scalloped.
TURNBACK—⅞ in., Scalloped, Round Crupper.
TIE STRAP—⅝ in.

Weight, Boxed, About 21 Pounds.

WITHOUT COLLAR.

	Per Set
No. 090—Full Nickel Trimmed	**$28.65**
No. 091—Full Brass Trimmed	**28.65**
No. 092—Full Imitation Rubber Trimmed	**28.65**
No. 093—Full Genuine Rubber Trimmed	**34.00**

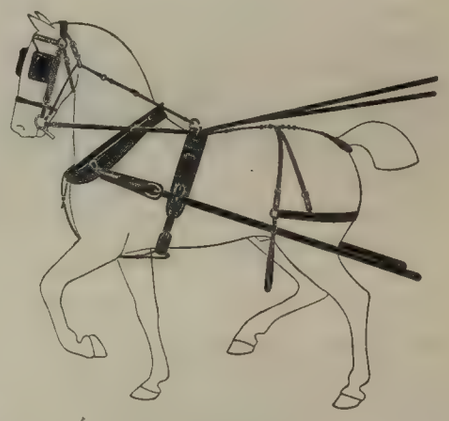
SINGLE SURREY HARNESS

BRIDLE—⅝ in., Box Loops, Nose Band, Round Side Check.
LINES—1 in. Throughout, Buckle and Billet.
HAME TUGS—1¼ in., with Safe, 3½ Lb. Iron Hames, Fancy Draft Eye.
TRACES—1¼ in., Double and Stitched.
MARTINGALE—⅞ in.
SADDLE—3½ in. Surrey.
SHAFT TUGS—1⅛ in. Dee Billets, with Box Loops.
GIRTHS—One Single and One Doubled and Stitched Strap.
BREECHING—Folded, with Waved Layer, Box Loop Tugs, Side Straps ⅞ in., Split Hip Strap ⅝ in.
TURNBACK—⅞ in., Reversed Coach Style, with Round Crupper, to Buckle. No Tie Strap.

Weight, Boxed, About 24 Pounds.

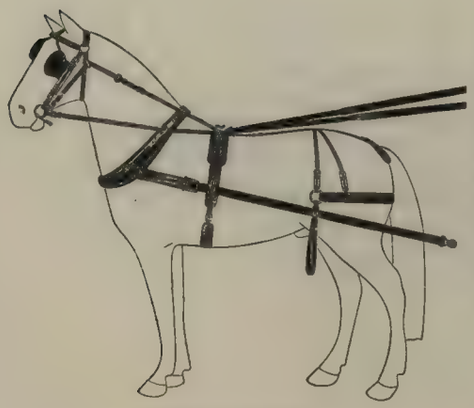
WITHOUT COLLAR.

	Per Set
No. 75—Full Nickel Swedge Trimmed	**$44.90**
No. 76—Full Brass Swedge Trimmed	**44.90**



Nos. 75 and 76.

SINGLE GROCERY OR EXPRESS HARNESS



Nos. 85 and 86.

BRIDLE—¾ in., Box Loops, Flat Side Check, Round Winker Stay.
LINES—1 in., Buckle and Billet.
HAMES—Oval Iron Wood Gig, 1¼ in. Hame Tugs, Box Loops, with Safe.
TRACES—1¼ in., Raised, Doubled and Stitched, Clip Cockeye.
SADDLE—3½ in., Doubled and Stitched Skirts, Japan Seat and Jockey.
SHAFT TUGS—1⅛ in., Dee and Billets.
GIRTHS—Inside Folded, Outside Single.
BREECHING—Folded, with Layer, with Box Loop Tugs, Side Straps 1 in., Double Hip Straps ¾ in.
TURNBACK—1 in., Round Crupper to Buckle.
TIE STRAP—⅝ in.

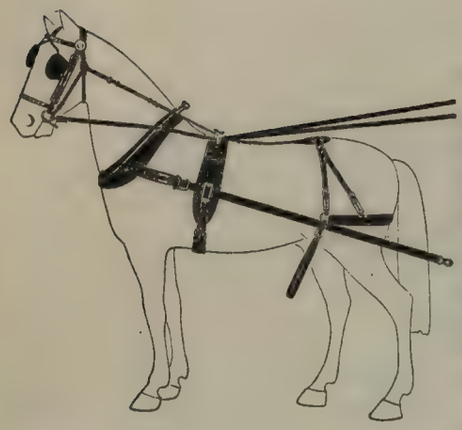
Weight, Boxed, About 25 Pounds.

WITHOUT COLLAR.

	Per Set
No. 85—Full Japan Trimmed	**$29.30**
No. 86—Full Japan XC Trimmed	**29.30**

All Above, One Set in a Box.

Harness.



Nos. 90 and 91.

EXPRESS HARNESS

BRIDLE—¾ in., Box Loops, Cup Shaped Blinds, Flat Side Check and Spotted Nose Band, Round Winker Stay.
LINES—1 in. Throughout, with Buckles and Billets.
HAMES—Brass Ball Top Clip Hames, 1¼ in. Hame Tugs, Box Loops, with Safe.
TRACES—1¼ in., Doubled and Stitched, Clip Cockeyes.
SADDLE—4 in., Full Pad, Express.
SHAFT TUGS—1¼ in., with Dee and Billet and Brass Oval Express Shaft Tug Buckle.
GIRTH—One Folded and One Flat.
BREECHING—Folded, with Layer and Box Loop Tugs, Side Strap 1 in.
TURNBACK—1 in., with ¾ in. Split Hip Straps, Spotted.
TIE STRAP—⅝ in.

Weight, Boxed, About 33 Pounds.

WITHOUT COLLAR.

	Per Set
No. 90—Full Japanned Trimmed	**$36.90**
No. 91—Part Brass Trimmed, Balance Japanned	**37.90**

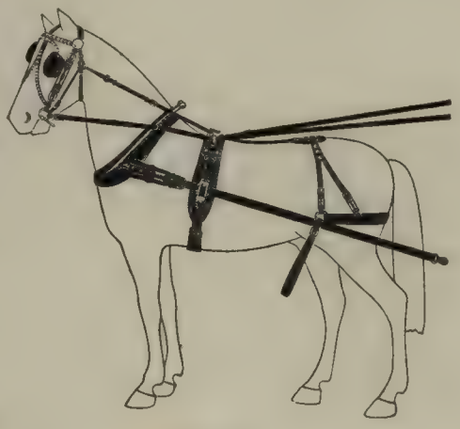
EXPRESS HARNESS

BRIDLE—¾ in., with Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stay and Face Piece.
LINES—1 in., with Buckle and Billet.
HAMES—Brass Ball Top, Red Clip Hames, 1¼ in. Hame Tugs, with Safe, Box Loops.
TRACES—1¼ in., Raised, Doubled and Stitched, with Triangular Cockeyes.
SADDLE—4½ in., Leather Lined, Full Pad Express Saddle.
SHAFT TUGS—1¼ in., with Dee Billets and Brass Oval Express Shaft Tug Buckles.
GIRTH—Folded.
BREECHING—Folded, with Layer, Box Loop Tugs, Side Straps 1⅛ in.
TURNBACK—1 in., Reversed, with ⅞ in. Split Hip Straps, Spotted.
TIE STRAP—⅝ in.

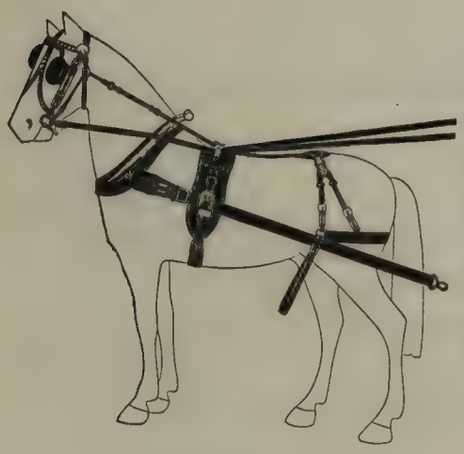
Weight, Boxed, About 35 Pounds.

WITHOUT COLLAR.

	Per Set
No. 95—Japan Brass Trimmed	**$44.00**



No. 95.



No. 0100.

EXPRESS HARNESS

BRIDLE—¾ in., Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stays and Face Piece.
LINES—1 in. Throughout, Buckle and Billet.
HAMES—No. 6 Brass Dandy Long Spot Clip Hames, 1½ in. Hame Tugs, Box Loops, with Safe.
TRACES—1½ in., Doubled and Stitched, Triangular Cockeyes.
SADDLE—5 in., Full Pad, Harness Leather Skirt, Kersey Lined.
SHAFT TUGS—1½ in., with Dee Billets and Brass Boston Oval Express Shaft Tug Buckles.
GIRTHS—Folded.
BREECHING—Folded with Layer, Box Loop Tugs, ⅞ in. Brass Wisconsin Buckle Shields.
SIDE STRAPS—1⅛ in.
TURNBACKS—1⅛ in., Reversed, with 5-Ring Fancy Ornaments, ⅞ in. Double Hip Strap.
No Tie Strap.

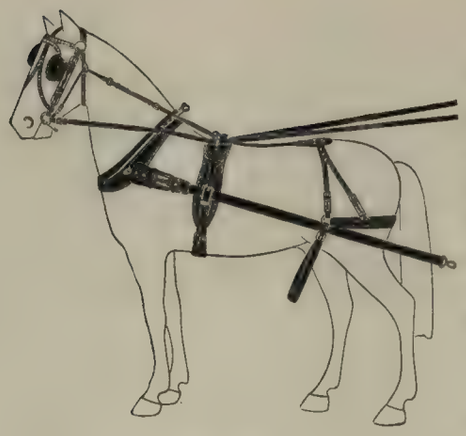
Weight, Boxed, About 42 Pounds.

WITHOUT COLLAR.

	Per Set
No. 0100—Japan Brass Trimmed	**$52.30**

All Above, One Set in a Box.

Harness.



No. 105.

EXPRESS HARNESS

BRIDLE—¾ in., Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stay and Face Piece.
LINES—1 in. Throughout, Buckle and Billet.
HAME TUGS—1½ in., Box Loops, with Safe and Brass Ball Top, Red Clip Hames.
TRACES—1½ in., Doubled and Stitched, Triangular Cockeyes.
SADDLE—5 in., Full Pad, Harness Leather Skirt, Kersey Lined.
SHAFT TUGS—1½ in., with Dee Billets and Brass Oval Express Shaft Tug Buckles.
GIRTHS—Folded.
BREECHING—Folded with Layer, Box Loop Tugs, Side Straps 1⅛ in.
TURNBACK—1 in., Reversible, with ⅞ in. Split Spotted Hip Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 41 Pounds.

WITHOUT COLLAR.

Per Set
No. 105—Japan Brass Trimmed **$47.70**

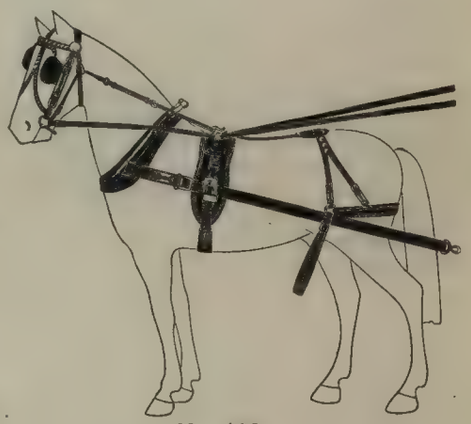
EXPRESS HARNESS

BRIDLE—¾ in., Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stay, Spotted Face Piece.
LINES—1 in. Throughout, Buckle and Billet.
HAME TUGS—1½ in., Box Loops, with Safe, Brass Ball Top Red Bolt Hames.
TRACES—1½ in., Doubled and Stitched, Triangular Cockeyes.
SADDLE—5 in., Full Pad, Harness Leather Skirts, Kersey Lined.
SHAFT TUGS—1½ in., with Dee Billets and Brass Oval Express Shaft Tug Buckles.
GIRTH—Folded.
BREECHING—Folded, with Layer, Box Loop Tugs, Side Straps 1⅛ in.
TURNBACK—1 in., Reversible, with ⅞ in. Split Spotted Hip Straps.
TIE STRAP—⅝ in.

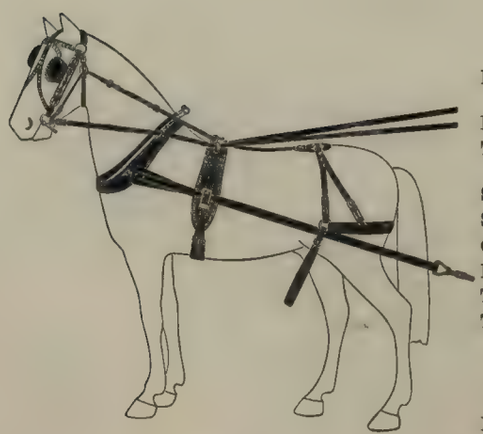
Weight, Boxed, About 41 Pounds.

WITHOUT COLLAR.

Per Set
No. 108—Japan Brass Trimmed **$48.75**



No. 108.



No. 110.

EXPRESS HARNESS

BRIDLE—¾ in., Box Loops, Cup Shape Blinds, Round Side Check, Spotted Combination Front and Winker Stay and Face Piece.
LINES—1 in. Throughout, Buckle and Billet.
TRACES—1½ in., Doubled and Stitched, with Heel Chains, Brass Ball Top Clip Hames.
SADDLE—5 in., Full Pad, Harness Leather Skirts, Kersey Lined.
SHAFT TUGS—1½ in., with Dee Billets, Brass Oval Express Shaft Tug Buckles.
GIRTHS—Folded.
BREECHING—Folded, with Layer, Box Loop Tugs, Side Straps 1⅛ in.
TURNBACK—1 in., Reversed, with ⅞ in. Split Spotted Hip Strap.
TIE STRAP—⅝ in.

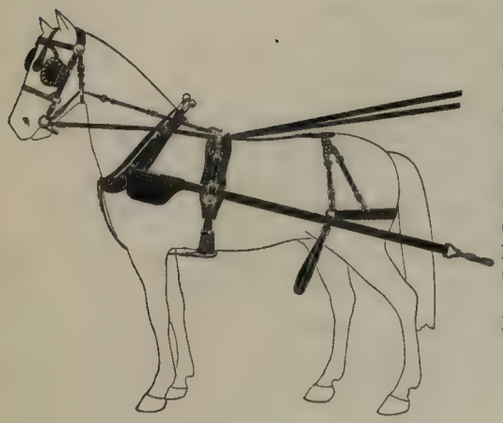
Weight, Boxed, About 41 Pounds.

WITHOUT COLLAR.

Per Set
No. 110—Japan Brass Trimmed **$46.75**

All Above, One Set in a Box.

Harness.



No. 112.

EXPRESS HARNESS

BRIDLE—⅞ in., Box Loops, Short Cheek, with Spotted Nose Band and Blinds, Spotted Combination Front and Winker Stay and Fancy Spotted Face Drop.
LINES—1⅛ in. Throughout, Buckle and Billet.
TRACES—1¾ in., Doubled and Stitched, Three Rows, with Shaft Fenders and Heel Chains, No. 10 Brass Dandy Concord Bolt Hames.
SADDLE—6 in., Full Pad, Harness Leather Skirts, Kersey Lined.
SHAFT TUGS—1½ in., Dee Billet, Brass Fancy Express Shaft Tug Buckles.
GIRTH—Folded.
BREECHING—Folded, with Layer, Box Loop Tugs, Side Straps 1½ in.
TURNBACK—1⅛ in., Reversed, 1⅛ in. Double Hip Straps, with Fancy Spotted Hip Drop, Padded Safe.
MARTINGALE—1¼ in.
No Tie Straps.

Weight, Boxed, About 60 Pounds.

WITHOUT COLLAR.

	Per Set
No. 112—Full Brass Trimmed	**$68.90**

LIGHT DOUBLE BUGGY HARNESS

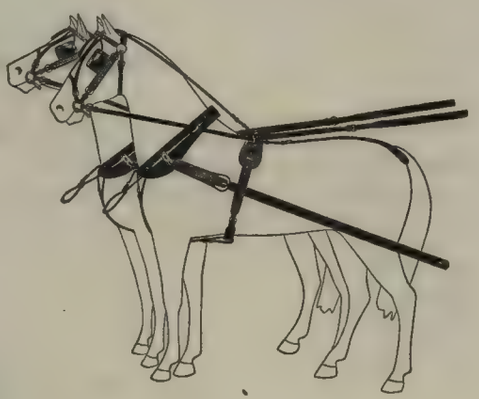
Smooth Finish.

BRIDLES—⅝ in., Box Loops, 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
LINES—1 in., with 1⅛ in. Hand Parts.
HAMES—Fancy Draft Eye Iron Hames, 1¼ in. Hame Tugs, with Safe, Box Loops.
TRACES—1¼ in., Raised, Doubled and Stitched.
COACH PADS—Single Strap Skirts, with Doubled and Stitched Scalloped Bearers.
GIRTHS—Single Strap.
TURNBACKS—⅞ in., Scalloped, with Round Cruppers.
BREAST STRAPS—1¼ in.
MARTINGALES—1 in.
TIE STRAPS—⅝ in.

Weight, Boxed, About 40 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0115—Full Nickel Swedge Trimmed	**$51.80**
No. 0116—Full Brass Swedge Trimmed	**51.80**
No. 0117—Full Imitation Rubber Wire Trimmed	**51.80**

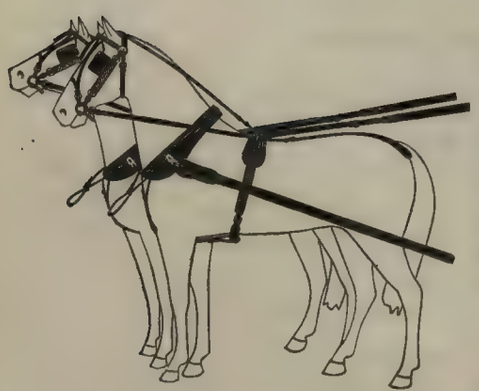


Nos. 0115 to 0117.

Note—For Single Strap Breeching on Above Harness, Add **$10.00** Per Set.

LIGHT DOUBLE BUGGY HARNESS

Single Strap, Smooth Finish.



Nos. 0120 to 0122.

BRIDLES—⅝ in., Box Loop, 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
LINES—1 in., with 1⅛ in. Hand Parts.
TRACES—1½ in., Single Strap Attached to Fancy Draft Eye Iron Hames.
COACH PADS—Single Strap Skirts, with Doubled and Stitched Scalloped Bearers.
GIRTHS—Single Strap.
TURNBACK—⅞ in., Scalloped, with Round Crupper.
BREAST STRAPS—1¼ in.
MARTINGALES—1 in.
TIE STRAPS—⅝ in.

Weight, Boxed, About 36 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0120—Full Nickel Swedge Trimmed	**$48.90**
No. 0121—Full Brass Swedge Trimmed	**48.90**
No. 0122—Full Imitation Rubber Wire Trimmed	**48.90**

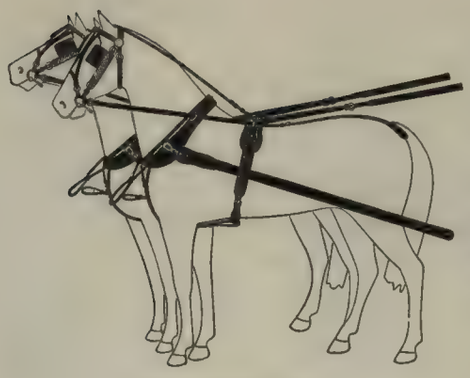
Note—For Single Strap Breeching on Above Harness, Add **$10.00** Per Set.

All Above, One Set in a Box.

Harness.

LIGHT DOUBLE BUGGY HARNESS

Single Strap, Smooth Finish.



Nos. 125 to 128.

BRIDLES—¾ in., 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
LINES—1 in., with 1⅛ in. Hand Parts.
HAMES—Iron Coach, Fancy Draft Eye.
TRACES—1½ in., Single Strap, Attached to Fancy Draft Eye Iron Coach Hames.
COACH PADS—Extra Wide Skirts, Smooth Finish, Doubled and Stitched, Scalloped Bearers.
GIRTHS—Folded, with Layer.
TURNBACKS—1 in., Scalloped, with Round Cruppers.
BREAST STRAPS—1½ in.
MARTINGALES—1¼ in., with Neckyoke Straps Attached.
TIE STRAPS—⅝ in.

Weight, Boxed, About 43 Pounds.

WITHOUT COLLARS.

	Per Set
No. 125—Full Nickel Swedge Trimmed	$62.20
No. 126—Full Brass Swedge Trimmed	62.20
No. 127—Full Imitation Rubber Wire Trimmed	62.20
No. 128—Full Genuine Rubber Wire Trimmed	70.20

LIGHT DOUBLE BUGGY HARNESS

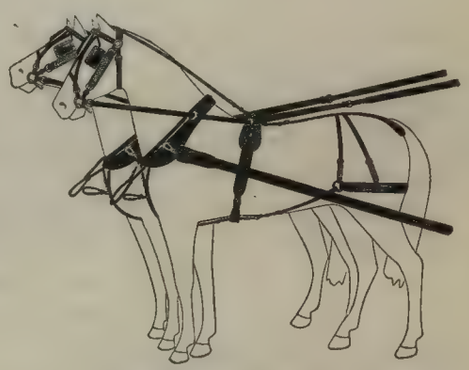
Single Strap, Smooth Finish.

BRIDLES—¾ in., 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
LINES—1 in., with 1⅛ in. Hand Parts.
HAMES—Iron Coach, Fancy Draft Eye.
TRACES—1½ in,. Single Strap, Attached to Fancy Draft Eye Iron Coach Hames.
COACH PADS—Extra Wide Skirts, Smooth Finish, Doubled and Stitched, Scalloped Bearers.
GIRTHS—Folded, with Layer.
BREECHING—Single Strap, with ¾ in. Double Hip Straps and Side Straps to Snap in Martingale.
TURNBACKS—1 in., Scalloped, with Round Cruppers.
BREAST STRAPS—1½ in.
MARTINGALES—1¼ in., with Neckyoke Straps Attached.
TIE STRAPS—⅝ in.

Weight, Boxed, About 48 Pounds.

WITHOUT COLLARS.

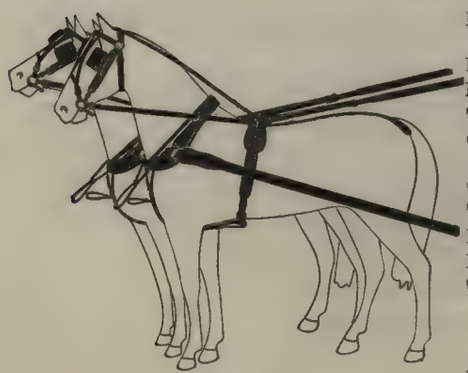
	Per Set
No. 130—Full Nickel Swedge Trimmed	$72.20
No. 131—Full Brass Swedge Trimmed	72.20
No. 132—Full Imitation Rubber Wire Trimmed	72.20



Nos. 130 to 132.

LIGHT DOUBLE BUGGY HARNESS

Single Strap, Smooth Finish.



Nos. 135 to 138.

BRIDLES—¾ in., 3-Buckle Overcheck, with Nose Band, Spotted Fronts, Round Winker Stays.
LINES—1 in., with 1⅛ in. Hand Parts.
HAMES—Iron, Screw Bolt.
TRACES—1½ in., Single Strap, Attached to Jug Eye, Screw Bolt Iron Hames.
COACH PADS—Extra Wide Skirts, Smooth Finish, Doubled and Stitched, Scalloped Bearers.
GIRTHS—Folded, with Layer.
TURNBACKS—1 in., Scalloped, with Round Cruppers.
BREAST STRAPS—1½ in.
MARTINGALES—1¼ in., with Neckyoke Straps Attached.
TIE STRAPS—⅝ in.

Weight, Boxed, About 44 Pounds.

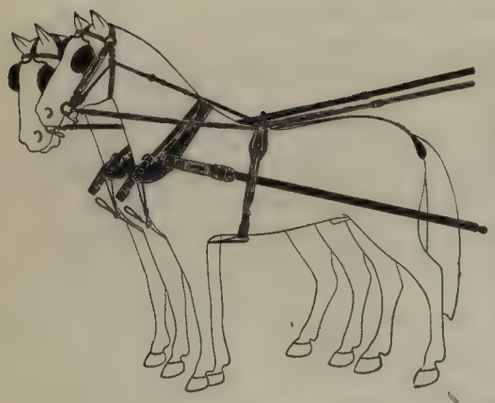
WITHOUT COLLARS.

	Per Set
No. 135—Full Nickel Swedge Trimmed	$64.35
No. 136—Full Brass Swedge Trimmed	64.35
No. 137—Full Imitation Rubber Wire Trimmed	64.35
No. 138—Full Genuine Rubber Wire Trimmed	72.30

Note—For Single Strap Breeching on Above Harness, Add $10.00 Per Set.

All Above, One Set in a Box.

Harness.



Nos. 140 to 143.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

Narrow Edge Creased.

BRIDLES—¾ in., Box Loops, Cup Shape Blinds, Round Side Check, Round Winker Stays.
LINES—1 in., 18 ft.
HAMES—Low Top.
HAME TUGS—1¼ in., Box Loops.
TRACES—1¼ in., Doubled and Stitched, Clip Cockeyes.
PADS—Swell Harness Leather, Skirts Doubled and Stitched, Bearers with Wear Loops.
GIRTHS—Folded.
TURNBACKS—1 in., Round Cruppers, Buckled on.
BREAST STRAPS—1¼ in., Narrow Edge, Creased.
MARTINGALES—1¼ in., Narrow Edge, Creased, with Collar Straps. No Tie Strap.

Weight, Boxed, About 48 Pounds.

WITHOUT COLLARS.

	Per Set
No. 140—Full Japanned Trimmed	**$50.90**
No. 141—Japan, XC Trimmed	**50.90**
No. 142—Japan, Nickel Trimmed	**52.65**
No. 143—Japan, Brass Trimmed	**52.65**

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

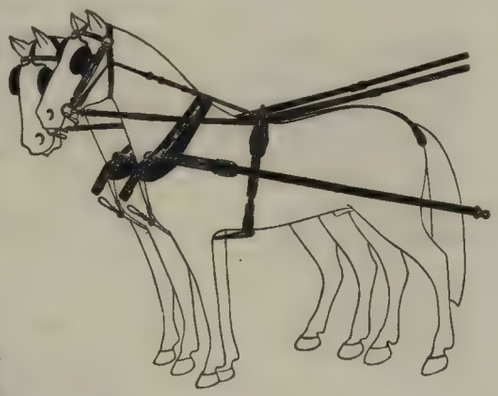
Narrow Edge Creased.

BRIDLES—¾ in., Long Box Loop Cheeks, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 18 ft.
HAMES—Oval Iron, Wood Coach Hames, 1¼ in. Hame Tugs, Box Loops.
TRACES—1¼ in., Raised, Doubled and Stitched, with Triangular Cockeyes.
PADS—Swell Harness Leather, Skirts Doubled and Stitched, Bearers with Wear Loops.
GIRTHS—Folded.
TURNBACKS—1 in., Scalloped, Round Cruppers Buckled on.
BREAST STRAPS—1¼ in., Narrow Edge, Creased.
MARTINGALES—1¼ in., Narrow Edge, Creased, with Collar Straps.
TIE STRAPS—⅝ in.

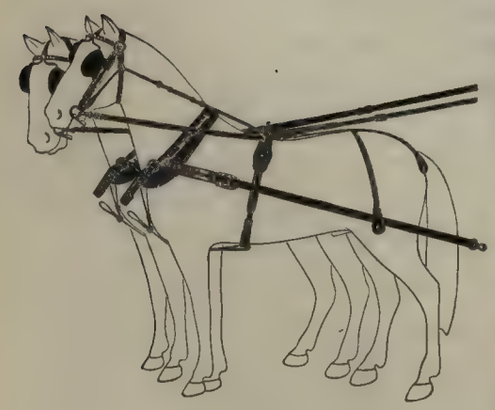
Weight, Boxed, About 48 Pounds.

WITHOUT COLLARS.

	Per Set
No. 145—Full Japanned Trimmed	**$56.35**
No. 146—Japan, XC Trimmed	**56.35**
No. 147—Japan, Nickel Trimmed	**59.30**
No. 148—Japan, Brass Trimmed	**59.30**



Nos. 145 to 148.



Nos. 150 to 153.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

Narrow Edge Creased.

BRIDLES—¾ in., Long Box Loop Cheeks, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 18 ft.
HAMES—Oval Iron, Wood Coach Hames, 1¼ in. Hame Tugs, Box Loops.
TRACES—1¼ in., Raised, Doubled and Stitched, with Triangular Cockeyes.
PADS—Swell Harness Leather, Skirts Doubled and Stitched, Bearers with Wear Loops.
GIRTHS—Folded.
TURNBACKS—1 in., Scalloped, Round Cruppers Buckled on.
HIP STRAPS—⅞ in., with Leather Drops.
BREAST STRAPS—1¼ in., Narrow Edge Creased.
MARTINGALES—1¼ in., Narrow Edge Creased, with Collar Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 48 Pounds.

WITHOUT COLLARS.

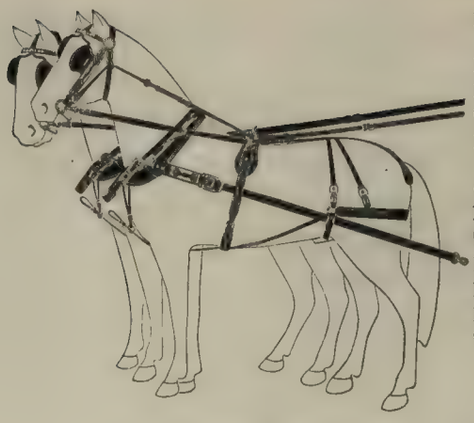
	Per Set
No. 150—Full Japanned Trimmed	**$58.25**
No. 151—Japan, XC Trimmed	**58.25**
No. 152—Japanned, Nickel Trimmed	**61.20**
No. 153—Japanned, Brass Trimmed	**61.20**

All Above, One Set in a Box.

Harness.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

Narrow Edge Creased.



Nos. 155 to 158.

BRIDLES—¾ in., Long Box Loop Cheeks, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 18 ft.
HAMES—Oval Iron, Wood Coach Hames, 1¼ in. Hame Tugs, Box Loops.
TRACES—1¼ in., Raised, Doubled and Stitched, with Triangular Cockeyes.
PADS—Swell Harness Leather, Skirts Doubled and Stitched, Bearers with Wear Loops.
GIRTHS—Folded.
BREECHINGS—Single Strap, with 1⅛ in. Side Straps Sewed in Ring.
TURNBACKS—1 in., Scalloped, Round Cruppers Buckled on.
HIP STRAPS—⅞ in., Double, with Buckle Shields.
BREAST STRAPS—1¼ in., Narrow Edge Crease.
MARTINGALES—1¼ in., Narrow Edge Crease, with Collar Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 54 Pounds.

WITHOUT COLLARS.

	Per Set
No. 155—Full Japanned Trimmed	**$67.80**
No. 156—Full XC Trimmed	**67.80**
No. 157—Japanned, Nickel Trimmed	**70.80**
No. 158—Japanned, Brass Trimmed	**70.80**

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

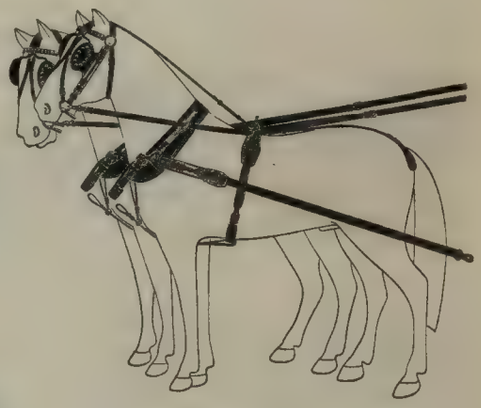
Narrow Edge Creased.

BRIDLES—¾ in., Box Loops, Cup Shape, Spotted Blinds, Spotted Fronts, Overcheck, Round Winker Stays.
LINES—1 in., 18 ft.
HAMES—Oval Iron Wood Coach.
HAME TUGS—1¼ in., Slip Tugs, Box Loops.
TRACES—1¼ in., Doubled and Stitched, Clip Cockeyes.
PADS—Swell Harness Leather, Fancy Spotted, Skirts Doubled and Stitched, Bearers with Trace Wear Loops.
GIRTHS—Folded.
TURNBACKS—1 in., with Round Cruppers Buckled on.
BREAST STRAPS—1¼ in., Narrow Edge Crease.
MARTINGALES—1¼ in., Narrow Edge Crease, with Collar Straps.
No Tie Strap.

Weight, Boxed, About 48 Pounds.

WITHOUT COLLARS.

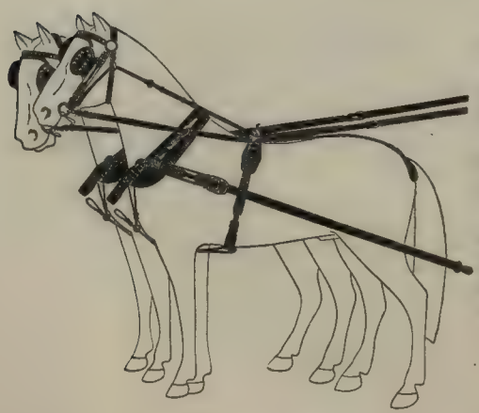
	Per Set
No. 160—Japanned, Nickel Trimmed	**$55.00**
No. 161—Japanned, Brass Trimmed	**55.00**



Nos. 160 and 161.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

Narrow Edge Creased.



Nos. 165 and 166.

BRIDLES—¾ in., Box Loops, Cup Shape Spotted Blinds, Round Side Check, Spotted Combination Front and Winker Stays.
LINES—1 in., 18 ft.
HAMES—Brass or Nickel Long Spot Oval Iron Wood Coach Hames, 1¼ in. Hame Tugs, Slip Tug, Box Loops.
TRACES—1¼ in., Doubled and Stitched, Clip Cockeyes.
PADS—Swell Harness Leather, Fancy Spotted, Skirts Doubled and Stitched, Bearers with Trace Wear Loops.
GIRTHS—Folded.
TURNBACKS—1 in., with Round Cruppers, Buckled on.
BREAST STRAPS—1¼ in., Narrow Edge Creased.
MARTINGALES—1¼ in., Narrow Edge Creased, with Collar Straps.
No Tie Strap.

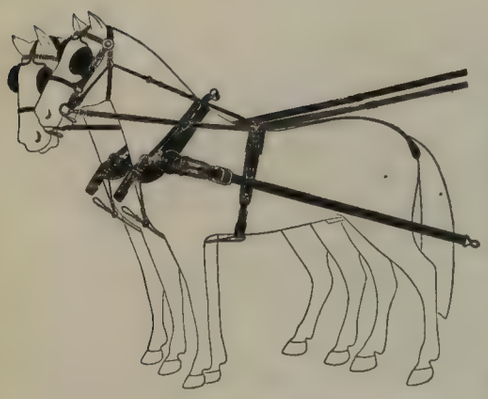
Weight, Boxed, About 48 Pounds.

WITHOUT COLLARS.

	Per Set
No. 165—Japan, Nickel Trimmed	**$56.20**
No. 166—Japan, Brass Trimmed	**56.20**

All Above, One Set in a Box.

Harness.



Nos. 170 to 173.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

Narrow Edge Creased.

BRIDLES—¾ in. Short Cheek, Cup Shaped Harness Leather Blinds, Spotted Fronts, Flat Nose Band, Round Side Check and Winker Stays.
LINES—1 in., 20 ft.
HAMES—Little Dandy Clip Hames, 1⅝ in. Hame Tugs, with Safes, Box Loops.
TRACES—1⅝ in., Doubled and Stitched, with Triangular Cockeyes.
PADS—Swell Shape, Skirts Doubled and Stitched, with 1¼ in. Adjustable Bearers.
GIRTHS—Folded.
TURNBACKS—1 in., Scalloped Round Cruppers, Buckled on.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
No Tie Strap.

Weight, Boxed, About 56 Pounds.

WITHOUT COLLARS.

	Per Set
No. 170—Full Japanned Trimmed, with Brass Hames	$69.50
No. 171—Full XC Trimmed	66.65
No. 172—Nickel Trimmed	72.00
No. 173—Brass Trimmed	72.00

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

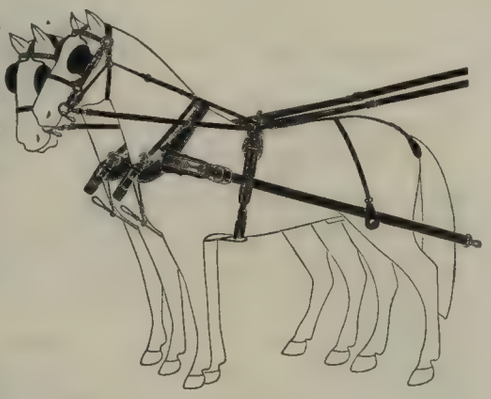
Smooth Finish.

BRIDLES—¾ in., Short Cheek, with Nose Band, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 20 ft.
HAMES—Oval Iron, Wood Coach Hames, 1⅝ in. Hame Tugs, with Scalloped Safes, Box Loops, Slip Tug.
TRACES—1⅝ in., Doubled and Stitched, Raised Smooth Finish, with Triangular Cockeyes.
PADS—Swell Harness Leather, Skirts Single Strap, Round Bearers, with Trace Wear Loops, 1¼ in. Billets.
GIRTHS—Folded.
TURNBACKS—1 in., Scalloped, with Round Cruppers Buckled on.
HIP STRAPS—⅞ in., with Leather Drops.
BREAST STRAPS—1½ in., Smooth Finish.
MARTINGALES—1½ in., Smooth Finish, with Collar Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 56 Pounds.

WITHOUT COLLARS.

	Per Set
No. 180—Full Japanned Trimmed	$68.10
No. 181—Full XC Trimmed	68.10
No. 182—Full Nickel Trimmed	71.70
No. 183—Full Brass Trimmed	71.70



Nos. 180 to 183.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

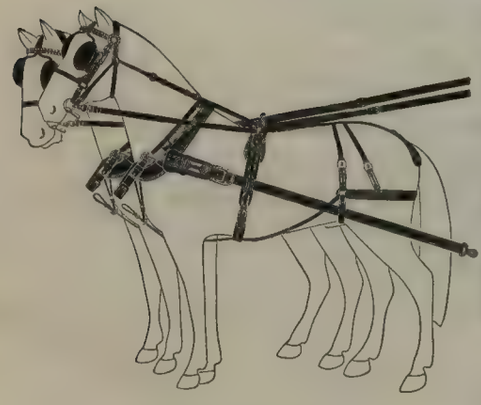
Smooth Finish.

BRIDLES—¾ in., Short Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 20 ft.
HAMES—Oval Iron, Wood Coach Hames, 1⅝ in. Hame Tugs, with Scalloped Safes, Box Loops, Slip Tug.
TRACES—1⅝ in., Doubled and Stitched, Smooth Finish, with Triangular Cockeyes.
PADS—Swell Harness Leather, Skirts Single Strap, Round Bearers, with Trace Wear Loops, 1¼ in. Billets.
GIRTHS—Folded.
BREECHINGS—Single Strap, with 1⅛ in. Side Straps Sewed in Ring, ⅞ in. Double Hip Straps, with Buckle Shields.
TURNBACKS—1 in., Scalloped, with Round Cruppers Buckled on.
BREAST STRAPS—1½ in., Smooth Finish.
MARTINGALES—1½ in., Smooth Finish, with Collar Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 62 Pounds.

WITHOUT COLLARS.

	Per Set
No. 185—Full Japanned Trimmed	$77.30
No. 186—Full XC Trimmed	77.30
No. 187—Full Nickel Trimmed	80.90
No. 188—Full Brass Trimmed	80.90



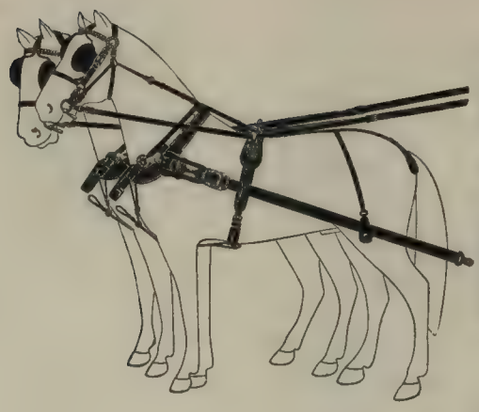
Nos. 185 to 188.

All Above, One Set in a Box.

Harness.

LIGHT DRAUGHT DOUBLE SPRING WAGON HARNESS

Smooth Finish.



Nos. 0190 to 0193.

BRIDLES—¾ in., Short Cheek, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 20 ft.
HAMES—Low Top, 1½ in. Hame Tugs, with Scalloped Safes, Box Loops, Slip Tugs.
TRACES—1½ in., Doubled and Stitched, Raised, Smooth Finish, with Triangular Cockeyes.
PADS—Large Swell Shape, Skirts Single Strap, Round Bearers, with Trace Wear Loops and 1¼ in. Billets.
GIRTHS—Folded.
TURNBACKS—1 in., Scalloped with Round Cruppers Buckled on.
HIP STRAPS—⅞ in., with Leather Drops.
BREAST STRAPS—1½ in., Smooth Finish.
MARTINGALES—1½ in., Smooth Finish, with Collar Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 58 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0190—Japanned Trimmed	**$70.30**
No. 0191—XC Trimmed	**70.30**
No. 0192—Nickel Trimmed	**74.70**
No. 0193—Brass Trimmed	**74.70**

LIGHT DRAUGHT WAGON HARNESS

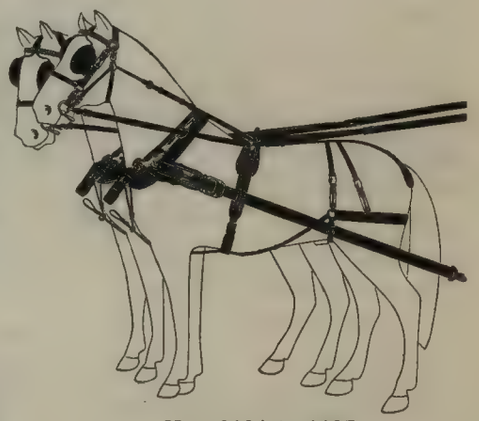
Smooth Finish.

BRIDLES—¾ in., Short Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Side Check and Winker Stays.
LINES—1 in., 20 ft.
HAMES—Low Top, 1½ in. Hame Tugs, with Scalloped Safes, Box Loops, Slip Tugs.
TRACES—1½ in., Doubled and Stitched, Raised, Smooth Finish, with Triangular Cockeyes.
PADS—Large Swell Shape, Skirts Single Strap, Round Bearers, with Trace Wear Loops and 1¼ in. Billet.
GIRTHS—Folded.
BREECHINGS—Single Strap, with 1⅛ in. Side Straps Sewed in Ring, ⅞ in. Double Hip Straps, with Buckle Shields.
TURNBACKS—1 in., Scalloped, with Round Cruppers Buckled on.
BREAST STRAPS—1½ in., Smooth Finish.
MARTINGALES—1½ in., Smooth Finish, with Collar Straps.
TIE STRAPS—⅝ in.

Weight, Boxed, About 64 Pounds.

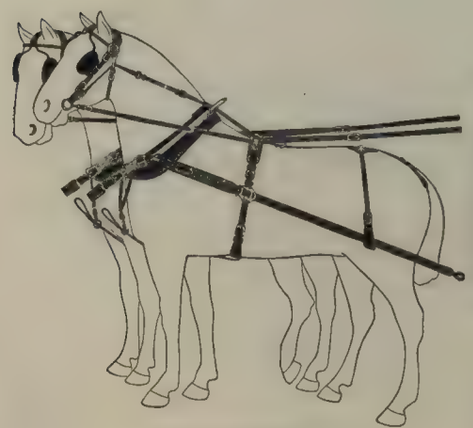
WITHOUT COLLARS.

	Per Set
No. 0194—Japanned Trimmed	**$79.40**
No. 0195—XC Trimmed	**79.40**
No. 0196—Nickel Trimmed	**84.00**
No. 0197—Brass Trimmed	**84.00**



Nos. 0194 to 0197.

FARM PLOW HARNESS



Nos. 195 and 196.

BRIDLES—¾ in., Long Cheek, Cup Shape Harness Leather Blinds, Round Side Check and Winker Stay.
LINES—1 in., 18 ft.
HAMES—Black I. O. T. Clip Hames, 1½ in. Hame Tugs.
TRACES—1½ in., Doubled and Stitched, with Clip Cockeyes.
PADS—With Market Straps.
GIRTHS—Folded.
BACK STRAPS—1 in., with Folded Cruppers.
HIP STRAPS—1 in., with Cooper's Trace Carriers.
BREAST STRAPS—1½ in., with Snap and Buckles.
MARTINGALES—1½ in., with Collar Strap.

No Tie Strap.

Weight, Boxed, About 60 Pounds.

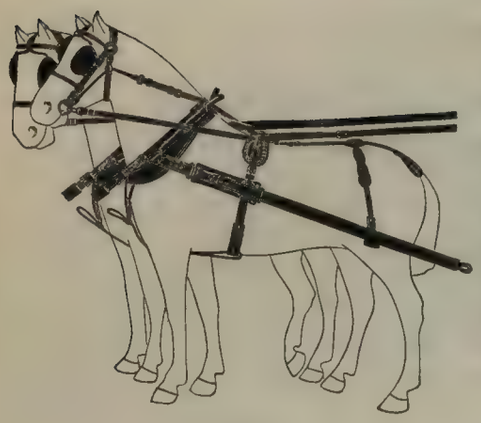
WITHOUT COLLARS.

	Per Set
No. 195—Full Japanned Trimmed	**$55.70**
No. 196—Japanned, XC Trimmed	**55.70**

All Above, One Set in a Box.

Harness.

FARM TEAM HARNESS



No. 0200.

BRIDLES—¾ in., Short Cheeks, Cup Shape Harness Leather Blinds, with Round Winker Stays, Flat Nose Band, Round Side Check.
LINES—1 in., 18 ft.
HAMES—Black Bolt Hames, 1½ in. Hame Tugs, with Moeller Hame Tug Plates, Jointed Concord Clips.
TRACES—1½ in., Doubled and Stitched, Clip Cockeyes.
PADS—Harness Leather, Felt Lined, Spotted, with Drop Hooks and Terrets, 1¼ in. Market Straps.
GIRTHS—Folded.
BACK STRAPS—1 in., with Folded Cruppers.
HIP STRAPS—1 in., with Cooper Trace Carriers.
MARTINGALES—1½ in., with Collar Straps.
BREAST STRAPS—1½ in., with Snaps and Buckles, Japanned Slides. No Tie Strap.

Weight, Boxed, About 63 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0200—Japanned, XC Trimmed	**$53.70**

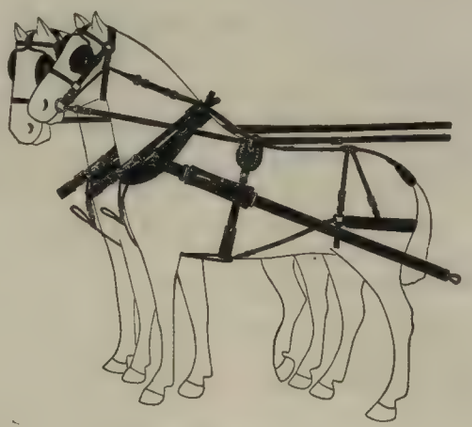
FARM BREECHING HARNESS

BRIDLES—¾ in., Short Cheeks, Cup Shape Harness Leather Blinds, Flat Nose Band, Round Side Checks and Round Winker Stays.
LINES—1 in., 18 ft.
HAMES—Black Bolt Hames, 1½ in. Hame Tugs, with Moeller Hame Tug Plates, Jointed Concord Clips.
TRACES—1½ in., Doubled and Stitched, with Clip Cockeyes.
PADS—Harness Leather, Felt Lined, Spotted, with Drop Hooks and Terrets, 1¼ in. Market Straps.
GIRTHS—Folded.
BACK STRAPS—1 in., with Cruppers.
HIP STRAPS—1 in., Double, to Reverse.
BREAST STRAPS—1½ in., Champion.
MARTINGALES—1½ in., with Collar Straps.
BREECHING—Folded, with Layer, ⅞ in. Side Straps. No Tie Straps.

Weight, Boxed, About 64 Pounds.

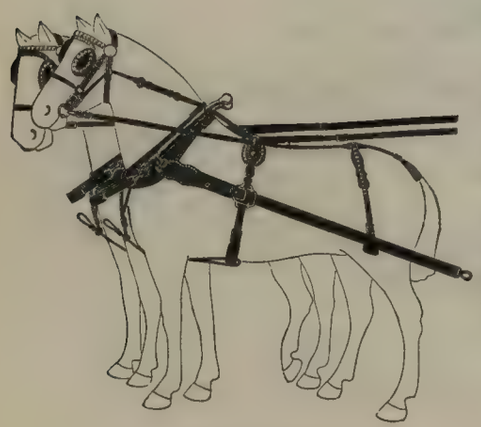
WITHOUT COLLARS.

	Per Set
No. 0203—Japanned, XC Trimmed	**$64.10**



No. 0203.

FARM PLOW HARNESS



Nos. 200 and 201.

BRIDLES—⅞ in., Short Cheek, Cup Shape Harness Leather Spotted Blinds, Flat Nose Bands, Fancy Spotted Combination Fronts and Winker Stays, Round Side Checks.
LINES—1 in., 18 ft.
HAMES—Brass Ball Top Bolt Hames, with Jointed Concord Clips, 1½ in. Hame Tugs, Laced Box Loops, Spotted Safes.
TRACES—1½ in., 6 ft., Doubled and Stitched, Clip Cockeyes.
PADS—Harness Leather, Felt Lined, Fancy Spotted, with Dwight Hook and Terrets.
GIRTHS—Folded.
BACK STRAPS—1 in., with Folded Cruppers.
HIP STRAPS—1 in., with Cooper's Trace Carriers, Spotted.
MARTINGALES—1½ in., with Collar Straps.
BREAST STRAPS—1½ in., with Snaps and Slides. No Tie Straps.

Weight, Boxed, About 65 Pounds.

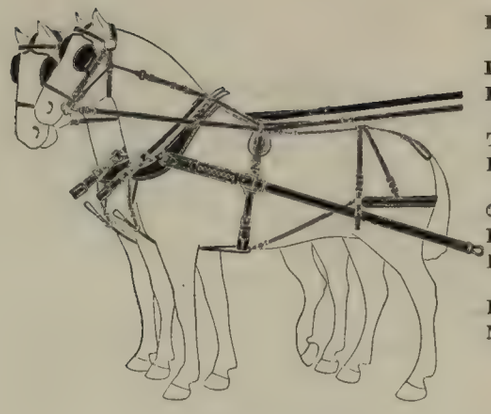
WITHOUT COLLARS.

	Per Set
No. 200—Japanned Brass Trimmed	**$70.90**
No. 201—Japanned Nickel Trimmed	**70.90**

All Above, One Set in a Box.

Harness.

FARM BREECHING HARNESS



Nos. 0201 and 0202.

BRIDLES—⅞ in., Long Cheek, Cup Shaped Harness Leather Blinds, Flat Nose Band, Round Side Check, Round Winker Stays.
LINES—1 in., 18 ft.
HAMES—Black Bolt Hames, 1½ in. Hame Tugs, Folded, Laced Box Loops, with Jointed Concord Clips.
TRACES—1½ in., Doubled and Stitched, with Clip Cockeyes.
PADS—Harness Leather, Felt Lined, Spotted, with Drop Hook and Terrets, 1¼ in. Market Straps.
GIRTHS—Folded.
BACK STRAPS—1 in., with Cruppers.
BREECHING—Folded, with Layer, Side Straps ⅞ in., Hip Straps ⅞ in., Double, to Reverse.
BREAST STRAPS—1½ in., Champion.
MARTINGALES—1½ in., with Collar Straps.
No Tie Strap.

Weight, Boxed, About 70 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0201—Full Japanned Trimmed	**$70.50**
No. 0202—Japanned, XC Trimmed	**70.50**

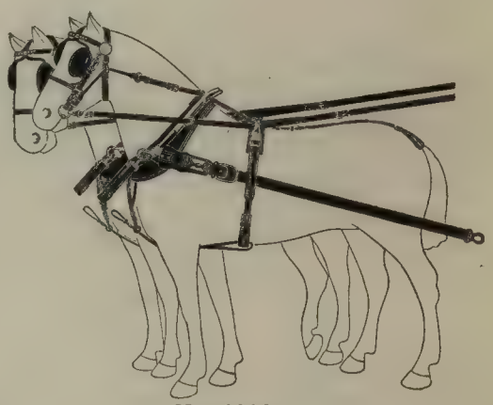
TEAM FARM SLIP TUG HARNESS

BRIDLES—¾ in., Short Cheek, Harness Leather Cup Shape Blinds, Round Side Check, Round Winker Stays, Flat Nose Bands.
LINES—1 in., 20 ft.
HAMES—XC Clip Hames, 1½ in. Hame Tugs, Solid.
TRACES—1½ in., 6 ft. 6 in., Doubled and Stitched, Triangular Cockeyes.
PADS—Straight Harness Leather, Harness Leather Bottom, Sewed in, with Slip Tug Skirts.
GIRTHS—Folded, with Layer.
BACK STRAPS—1⅛ in., with Folded Cruppers Buckled on.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.

Weight, Boxed, About 61 Pounds.

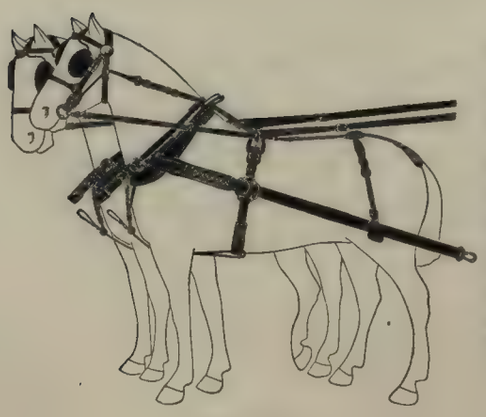
WITHOUT COLLARS.

	Per Set
No. 0206—Full XC Trimmed	**$67.30**



No. 0206.

TEAM FARM HARNESS



No. 210.

BRIDLES—⅞ in., Short Cheek, Harness Leather Cup Shape Blinds, Round Side Check and Winker Stay, Flat Nose Band.
LINES—1 in., 20 ft.
HAMES—Bolt Hames, 1½ in. Hame Tugs, Hard, Doubled and Stitched, Scalloped Tugs, Hand Laced Box Loops.
TRACES—1½ in., Doubled and Stitched, Triangular Cockeyes.
PADS—Moline, with Ring Skirts, 1½ in. Market Straps.
GIRTHS—Folded, with Layer.
BACK STRAPS—1⅛ in., with Folded Crupper Buckled on.
HIP STRAPS—1⅛ in.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.

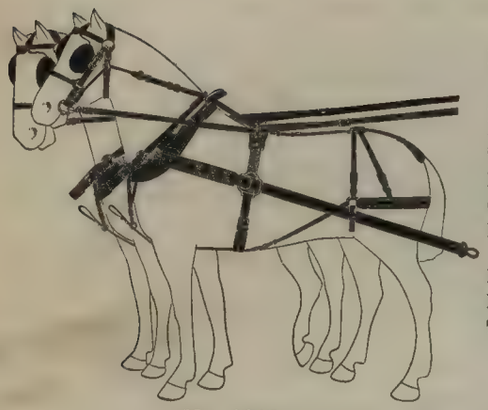
Weight, Boxed, About 69 Pounds.

WITHOUT COLLARS.

	Per Set
No. 210—XC Trimmed	**$76.00**

All Above, One Set in a Box.

Harness.



No. 0212.

FARM BREECHING HARNESS

BRIDLES—⅞ in., Short Cheek, Harness Leather Cup Shape Blinds, Round Side Check and Winker Stay.
LINES—1 in., 20 ft.
HAMES—XC Clip Hames, 1½ in. Folded, Doubled and Stitched Hame Tugs.
TRACES—1½ in., 6 ft., Doubled and Stitched, Triangular Cockeyes.
PADS—Turtle Shape, Hook and Terrets.
GIRTHS—Folded, with Layer.
BREECHINGS—Folded, with Layer, Side Straps 1 in., Back Straps 1 in., with Cruppers Buckled on, 1 in. Double Hip Straps, to Reverse.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.

Weight, Boxed, About 75 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0212—Full XC Trimmed	**$84.70**

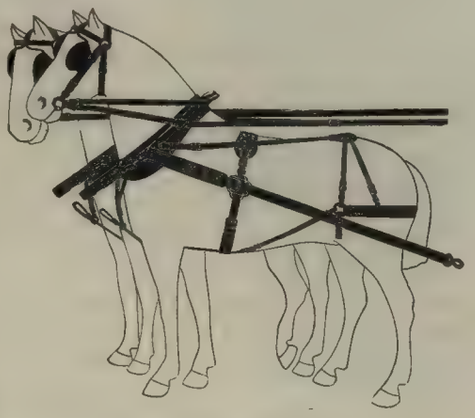
FARM BREECHING HARNESS

BRIDLES—⅞ in., Long Cheek, Cup Shape Harness Leather Blinds, Flat Side Check, Round Winker Stay.
LINES—1 in., 20 ft.
HAMES—No. 5, Oiled Concord Bolt Hames, 1½ in. Hame Tugs, Folded.
TRACES—1½ in., Doubled and Stitched, Triangular Cockeyes.
PADS—Swell Harness Leather, Felt Lined, Fancy Spotted with Market Straps.
GIRTHS—Folded.
RIB STRAPS—1 in., to Hames.
BREECHING—Folded, with Layer, Side Straps 1 in., Hip Straps 1 in., Double, to Reverse.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
No Tie Straps.

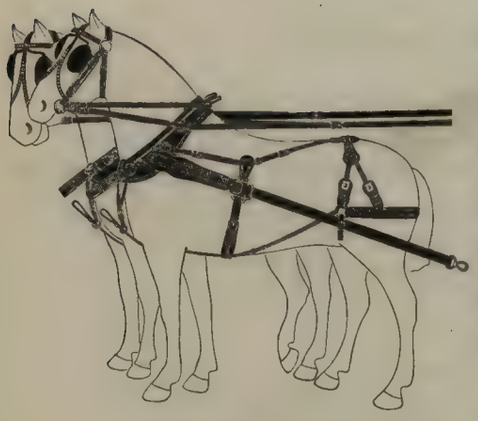
Weight, Boxed, About 69 Pounds.

WITHOUT COLLARS.

	Per Set
No. 215—Full Japanned Trimmed	**$75.20**
No. 216—Japanned, XC Trimmed	**75.20**



Nos. 215 and 216.



Nos. 220 and 221.

FARM BREECHING HARNESS

BRIDLES—¾ in., Long Box Loop Cheek, Spotted Face Piece, Harness Leather Cup Shape Blinds, Flat Side Check and Round Winker Stay.
LINES—1 in., 20 ft.
HAMES—No. 5, Oiled Concord Bolt Hames, 1½ in. Hame Tugs, Doubled and Stitched, with Scalloped Safe.
TRACES—1½ in., 6 ft., Doubled and Stitched, with Triangular Cockeyes.
GIRTHS—Folded, with Layer.
RIB STRAPS—1 in., Extended to Lead Up on Trace Buckle, 1 in. Quarter Strap to Hames.
BREECHING—Folded, with Layer, Side Straps 1 in., Hip Straps 1 in., Double, 3-Ring, with Buckle Shields.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.

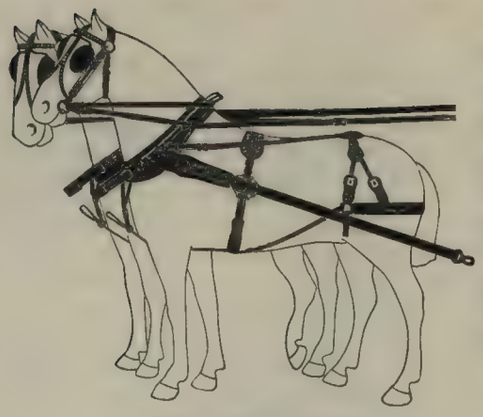
Weight, Boxed, About 72 Pounds.

WITHOUT COLLARS.

	Per Set
No. 220—Full XC Trimmed	**$84.20**
No. 221—Full XC Trimmed, with 1¾ in. Traces and Hame Tugs	**88.60**

All Above, One Set in a Box.

Harness.



Nos. 0222 and 0223.

FARM BREECHING HARNESS

BRIDLES—⅞ in., Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Face Piece, Flat Side Check and Round Winker Stays.
LINES—1 in., 20 ft.
HAMES—No. 5, Oiled Concord Bolt Hames, 1½ in. Hame Tugs, Hard, Doubled and Stitched, with Scalloped Safe.
TRACES—1½ in., Doubled and Stitched, Triangular Cockeyes.
PADS—Swell Harness Leather, Felt Lined, Spotted, with Market Straps.
GIRTHS—Folded, with Layer.
BREECHING—Folded, with Layer, Side Straps 1 in., 1 in. Double Hip Straps, 3-Ring Spotted, with Buckle Shields, Rib Strap 1 in. to Hame.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.

Weight, Boxed, About 80 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0222—Full XC Trimmed	**$88.70**
No. 0223—Full XC Trimmed, **with 1¾ in. Traces and Hame Tugs**	**93.10**

PINERY STYLE BREECHING HARNESS

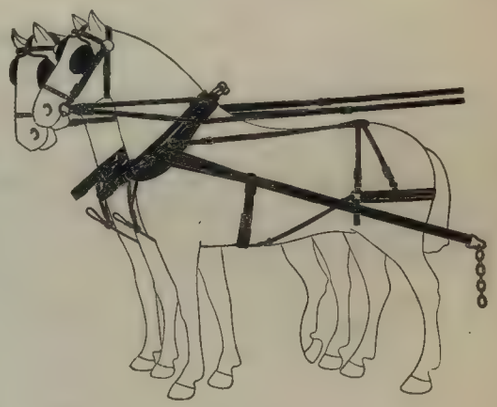
BRIDLES—⅞ in., Long Cheek, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Winker Stays, Flat Side Check, Spotted Nose Band.
LINES—1 in., 20 ft.
HAMES—Red Brass Ball Bolt Hames.
TRACES—1½ in., Doubled and Stitched, with Safes, Heel Chains Sewed in, Jointed Concord Clips.
GIRTHS—Folded.
RIB STRAPS—1 in., to Hames.
BREECHING—Folded, with Layer, Side Strap 1 in., Lazy Straps 1 in., Hip Straps 1 in., Double, to Reverse.
BREAST STRAPS—1½ in., with Snaps and Slides.
MARTINGALES—1½ in., with Collar Straps.

No Tie Straps.

Weight, Boxed, About 70 Pounds.

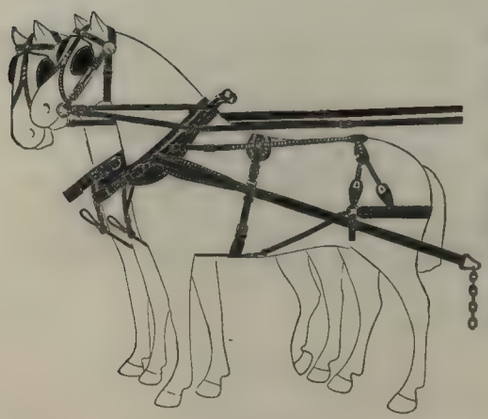
WITHOUT COLLARS.

	Per Set
No. 225—Full Japanned Trimmed	**$70.00**
No. 226—Japanned, XC Trimmed	**70.00**



Nos. 225 and 226.

Note—For 1¾ in. Traces on Nos. 225 and 226 Harness, Add **$4.00** Per Set.



Nos. 0225 and 0226.

PINERY STYLE BREECHING HARNESS

BRIDLES—⅞ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Face Piece, Flat Side Checks, Round Winker Stays.
LINES—1 in., 20 ft.
TRACES—1½ in., Doubled and Stitched, with Spotted Scalloped Safes, and Heel Chains, No. 5 Brass Trimmed Dandy Bolt Hames.
PADS—Swell Shape, Harness Leather, Felt Lined, Spotted, with Colorado Bridges, and Market Straps.
GIRTH—Folded, with Layer.
RIB STRAPS—1 in., Spotted, to Hame.
HIP STRAPS—1 in., 3-Ring, Spotted, with Buckle Shields.
BREECHING—Folded, with Layer, 1 in. Side Straps and Lazy Straps.
BREAST STRAP—1½ in.
MARTINGALES—1½ in., with Collar Straps.

No Tie Straps.

Weight, Boxed, About 72 Pounds.

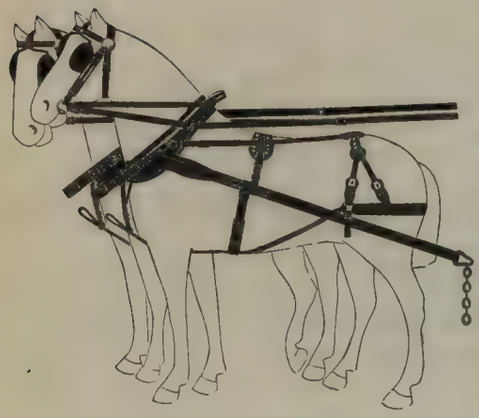
WITHOUT COLLARS.

	Per Set
No. 0225—Japanned, Brass Trimmed	**$91.40**
No. 0226—Japanned, Brass Trimmed, with 1¾ in. Traces	**95.40**

All Above, One Set in a Box.

Harness.

PINERY STYLE BREECHING HARNESS



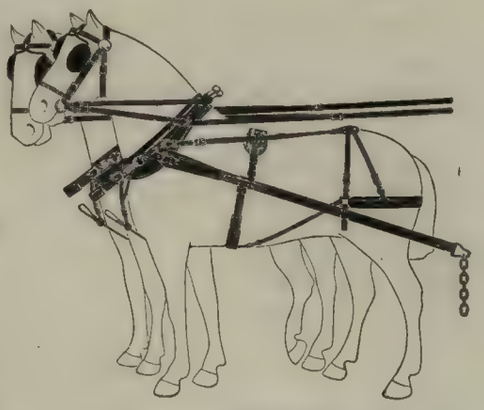
Nos. 227 and 228.

BRIDLES—¾ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts, Flat Side Checks and Round Winker Stays.
LINES—1 in., 20 ft.
TRACES—1½ in., Doubled and Stitched, with Safes and Heel Chains, No. 5 Oiled Concord Bolt Hames.
PADS—Swell Shape Harness Leather, Felt Lined, Spotted, 1¼ in. Layer and 1¼ in. Billets to Reverse.
GIRTHS—Folded, with Layer.
RIB STRAPS—1-in., to Hames.
HIP STRAPS—1-in., 3-Ring, with Buckle Shields.
BREECHING—Folded, with Layer, 1 in. Side Straps and Lazy Straps.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
No Tie Strap.
Weight, Boxed, About 73 Pounds.

WITHOUT COLLARS.

	Per Set
No. 227—Full Japanned Trimmed	**$82.00**
No. 228—Full Japanned Trimmed, with 1¾ in. Traces	**86.00**

PINERY STYLE BREECHING HARNESS



Nos. 0227 and 0228.

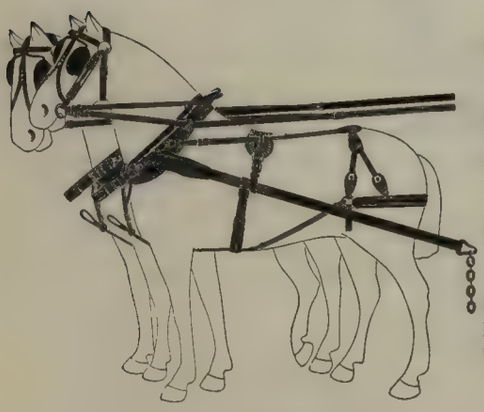
BRIDLES—⅞ in., Long Cheek, Cup Shape Harness Leather Blinds, Spotted Fronts, Round Winker Stays, Flat Side Check, Spotted Nose Band.
LINES—1 in., 20 ft.
TRACES—1½ in., Doubled and Stitched, with Safes and Heel Chains.
HAMES—Red Brass Ball Bolt Hames, with Joint Concord Clips.
PADS—Swell Shape Harness Leather, Felt Lined, Spotted, with Market Straps.
GIRTHS—Folded.
BREECHING—Folded, with Layer, with 1 in. Side Straps and Lazy Straps, Rib Straps 1 in. to Hames, Hip Straps 1 in., Double, to Reverse.
BREAST STRAPS—1½ in., Champion.
MARTINGALES—1½ in., with Collar Straps.
No Tie Straps.
Weight, Boxed, About 74 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0227—Full Japanned Trimmed	**$69.40**
No. 0228—Full XC Trimmed	**69.40**

Note—For 1¾ in. Traces on Nos. 0227 and 0228 Harness, Add **$3.00** Per Set.

PINERY STYLE BREECHING HARNESS



Nos. 0232 and 0233.

BRIDLES—⅞ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts and Spotted Face Piece, Flat Side Check, Round Winker Stays.
LINES—1 in., 20 ft.
TRACES—1½ in., Doubled and Stitched, with Safes and Heel Chains.
HAMES—No. 5 Oiled Concord Bolt Hames.
PADS—Swell Shape Harness Leather, Felt Lined, Spotted, with Market Straps.
GIRTHS—Folded, with Layer.
BREECHINGS—Folded, with Layer, 1⅛ in. Side Straps, 1 in. Lazy Straps, Rib Straps 1⅛ in. to Hames, Hip Straps 1 in., 3-Ring Spotted, with Buckle Shields.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.
Weight, Boxed, About 81 Pounds.

WITHOUT COLLARS.

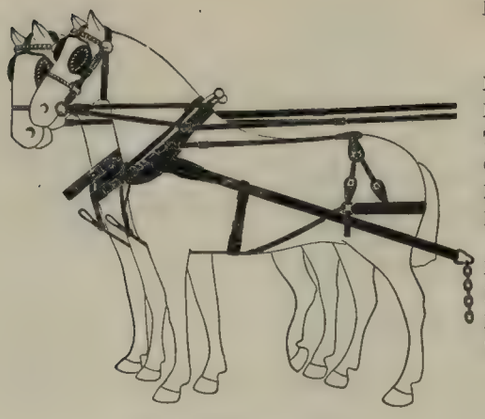
	Per Set
No. 0232—Full Japanned Trimmed	**$90.00**
No. 0233—Japanned Trimmed, with Brass Dandy Ball Top Concord Hames.	**92.70**

Note—For 1¾ in. Traces on Nos. 0232 and 0233 Harness, Add **$4.00** Per Set.

All Above, One Set in a Box.

Harness.

PINERY STYLE BREECHING HARNESS



Nos. 0230 and 0231.

BRIDLES—⅞ in., Short Cheek, Spotted Fronts, Spotted Nose Bands, Cup Shape Fancy Spotted Harness Leather Blinds, Flat Side Checks, and Round Winker Stays.
LINES—1 in., 20 ft.
HAMES—No. 5 Red Concord Bolt, with Brass Dandy Balls.
TRACES—1½ in., Doubled and Stitched, with Safes and Heel Chains.
GIRTHS—Folded, with Layer.
RIB STRAPS—1 in., to Hames.
HIP STRAPS—1 in., 3-Ring, with Fancy Brass Metal Ornaments and Buckle Shields.
BREECHINGS—Folded, with Layer, 1 in. Side and Lazy Straps.
BREAST STRAPS—1½ in.
MARTINGALES—1½ in., with Collar Straps.
TIE STRAPS—¾ in.

Weight, Boxed, About 80 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0230—Japanned, Brass Trimmed	**$85.40**
No. 0231—Japanned, Brass Trimmed, with 1¾ in. Traces	**89.40**

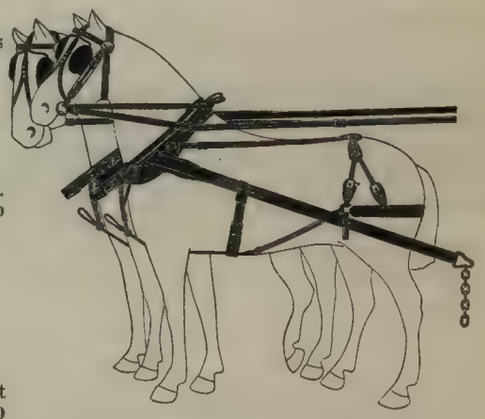
PINERY STYLE BREECHING HARNESS

BRIDLES—⅞ in., Long Box Loop Cheeks, Spotted Fronts, Cup Shape Harness Leather Blinds, Spotted Face Piece, Flat Side Check, Round Winker Stay.
LINES—1⅛ in., 20 ft.
HAMES—No. 6, Oiled Concord Bolt Hames.
TRACES—1¾ in., 3-Row, Doubled and Stitched, with Safe and Heel Chains.
GIRTHS—Folded, with Layer.
BREECHING—Folded, with Layer, 1⅛ in. Side Straps, 1 in. Lazy Straps, 1 in. 3-Ring, Spotted Hip Straps, with Buckle Shields, 1⅛ in. Rib Straps to Hames.
BREAST STRAPS—1¾ in.
MARTINGALES—1¾ in., with Collar Straps.
TIE STRAPS—¾ in.

Weight, Boxed, About 80 Pounds.

WITHOUT COLLARS.

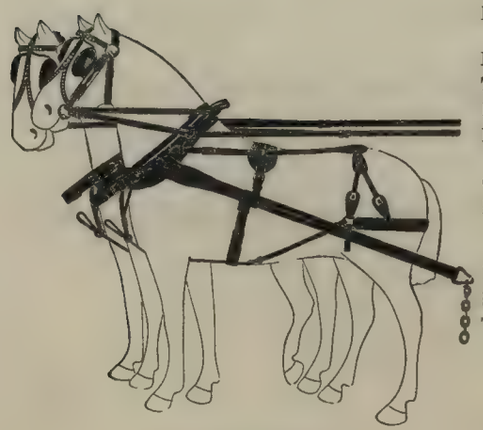
	Per Set
No. 230—Full Japanned Trimmed	**$89.60**
No. 231—Japan Trimmed, with Brass Dandy Ball Top Concord Hames	**92.20**



Nos. 230 and 231.

Note—For 2 in. Traces on Nos. 230 and 231 Harness, Add **$6.60** Per Set.

PINERY STYLE BREECHING HARNESS



Nos. 0234 and 0235.

BRIDLES—⅞ in., Long Box Loop Cheeks, Spotted Fronts, Cup Shape Harness Leather Blinds, Spotted Face Piece, Flat Side Checks, Round Winker Stays.
LINES—1⅛ in., 20 ft.
TRACES—2 in., 3-Row, Doubled and Stitched, with Safes and Heel Chains.
HAMES—No. 6 Oiled Concord Bolt Hames.
PADS—Swell Shaped Harness Leather, Leather Lined, Spotted, with Brass Colorado Bridges and 1½ in. Market Straps.
GIRTHS—Folded, with Layer.
BREECHINGS—Folded, with Layer, 1¼ in. Side Straps, Sewed in, and 1⅛ in. Lazy Straps, Rib Straps 1¼ in., to Hames, Hip Straps 1⅛ in., 3-Ring Spotted, with Buckle Shields.
BREAST STRAPS—2 in.
MARTINGALES—2 in., with Safe and Collar Straps.
TIE STRAPS—⅞ in.

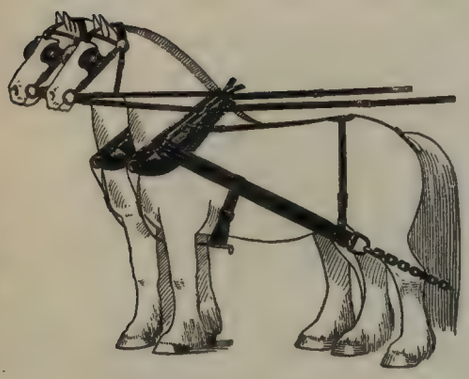
Weight, Boxed, About 97 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0234—Full Japanned Trimmed	**$108.00**
No. 0235—Japanned Trimmed, with Brass Dandy Ball Top Concord Bolt Hames	**110.65**

All Above, One Set in a Box.

Harness.



Nos. 250 and 251.

LUMBER LEAD HARNESS

BRIDLES—⅞ in., Long Box Loop Cheeks, Concord Harness Leather Blinds, Spotted Fronts, Flat Side Checks, Concord Winker Stays.
LINES—1 in., 20 ft.
HAMES—No. 6 Oiled Concord Bolt Hames.
TRACES—2 in., 4 ft. 8 in., Doubled and Stitched, with Pinery Hooks and Dees, 3½ ft. Grab Link Chain.
GIRTHS—Folded, with Layer.
HIP STRAPS—1¼ in., Single, to Reverse.
RIB STRAPS—1⅛ in., to Hames, Crupper Forks to Snap, with Folded Crupper to Buckle on.
No Tie Strap.

Weight, Boxed, About 75 Pounds.

WITHOUT COLLARS.

	Per Set
No. 250—Full Japanned Trimmed	**$66.10**
No. 251—Full Japanned Trimmed, with 2¼ in. Traces and No. 8 Hames	**69.50**

Note—For 1x8 ft. Line Lengtheners, Add **$2.70** Per Set.

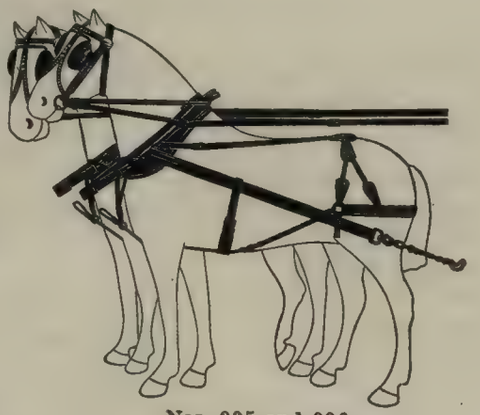
PINERY OR LOGGING TEAM HARNESS

BRIDLES—⅞ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts and Face Piece, Flat Side Check, Concord Winker Stays.
LINES—1⅛ in., 20 ft.
HAMES—No. 6 Oiled Concord Bolt Hames.
TRACES—1¾ in., 4 ft. 8 in., Doubled and Stitched, with Pinery Hooks and Dees, 3½ ft., Grab Link Chains.
GIRTHS—Folded, with Layer.
RIB STRAPS—1⅛ in., to Hames.
BREECHING—Folded, with Layer, Side Straps 1 in., Hip Straps 1 in., 3-Ring, Spotted, with Buckle Shields.
BREAST STRAPS—1¾ in.
MARTINGALES—1¾ in., with Collar Straps.
TIE STRAPS—¾ in.

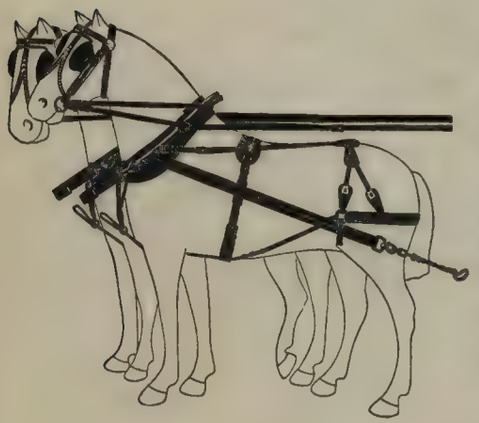
Weight, Boxed, About 82 Pounds.

WITHOUT COLLARS.

	Per Set
No. 235—Full Japanned Trimmed	**$82.60**
No. 236—Full Japanned Trimmed, with 2 in. Traces	**87.00**



Nos. 235 and 236.



Nos. 0237 and 0238.

PINERY OR LOGGING TEAM HARNESS

BRIDLES—⅞ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts and Face Piece, Flat Side Check, Concord Winker Stays.
LINES—1⅛ in., 20 ft.
HAMES—No. 6 Oiled Concord Bolt Hames.
TRACES—1¾ in., 4 ft. 8 in., Doubled and Stitched, with Pinery Hooks and Dees, 3½ ft. Grab Link Chains.
PADS—Swell Harness Leather, Felt Lined, Spotted, with Market Straps.
GIRTHS—Folded, with Layer.
RIB STRAPS—1⅛ in. to Hames.
BREECHINGS—Folded, with Layer, Side Straps 1 in., Hip Straps 1 in., 3-Ring, Spotted, with Buckle Shields.
BREAST STRAPS—1¾ in.
MARTINGALES—1¾ in., with Collar Straps.
TIE STRAPS—¾ in.

Weight, Boxed, About 86 Pounds.

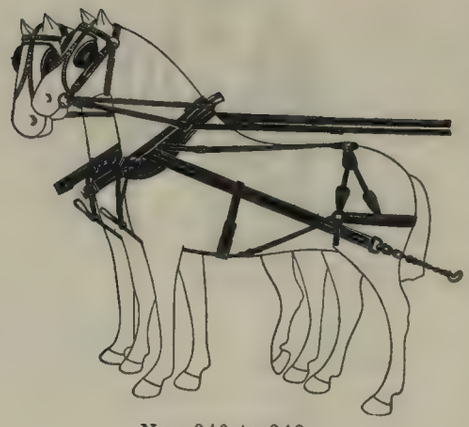
WITHOUT COLLARS.

	Per Set
No. 0237—Full Japanned Trimmed	**$90.40**
No. 0238—Full Japanned Trimmed, with 2 in. Traces	**95.10**

All Above, One Set in a Box.

Harness.

PINERY OR LOGGING TEAM HARNESS



Nos. 240 to 242.

BRIDLES—⅞ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts and Face Pieces, Flat Side Checks, Concord Winker Stays.
LINES—1⅛ in., 20 ft.
HAMES—Oiled Concord Bolt Hames.
TRACES—2 in., 4 ft. 8 in., Doubled and Stitched, with Pinery Hooks and Dees, 3½ ft. Grab Link Chains.
GIRTHS—Folded, with Layer.
RIB STRAPS—1¼ in., to Hames.
BREECHING—Folded, with Layer, Side Straps 1¼ in., Hip Straps 1⅛ in., 3-Ring, Spotted, with Buckle Shields.
BREAST STRAPS—2 in.
MARTINGALES—2 in., with Collar Straps.
TIE STRAPS—⅞ in.

Weight, Boxed, About 100 Pounds.

WITHOUT COLLARS.

	Per Set
No. 240—Full Japanned Trimmed, with No. 6 Hames	**$ 93.40**
No. 241—Full Japanned Trimmed, with 2¼ in. Traces and No. 8 Hames	**97.20**
No. 242—Full Japanned Trimmed, with 2½ in. Traces and No. 10 Hames	**100.90**

PINERY OR LOGGING TEAM HARNESS

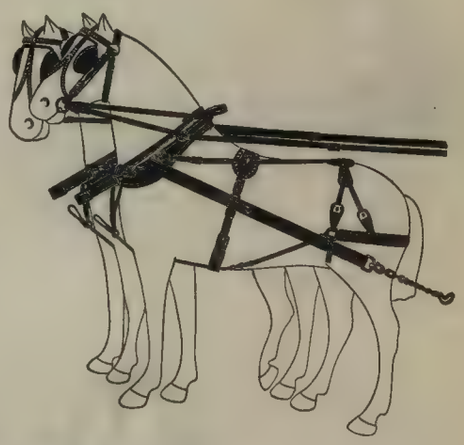
BRIDLES—⅞ in., Long Box Loop Cheeks, Cup Shape Harness Leather Blinds, Spotted Fronts and Face Pieces, Flat Side Checks, Concord Winker Stays.
LINES—1⅛ in., 20 ft.
HAMES—Oiled Concord Bolt Hames.
TRACES—2 in., 4 ft. 8 in., Doubled and Stitched, with Pinery Hooks and Dees, 3½ ft. Grab Link Chains.
PADS—Swell Harness Leather, Felt Lined, Spotted, with Brass Bridges and 1½ in. Market Straps.
GIRTHS—Folded, with Layer.
RIB STRAPS—1¼ in., to Hames.
BREECHING—Folded, with Layer, Side Straps 1¼ in., Hip Straps 1⅛ in., 3-Ring, Spotted, with Buckle Shields.
BREAST STRAPS—2 in.
MARTINGALES—2 in., with Collar Straps.
TIE STRAPS—⅞ in.

Weight, Boxed, About 101 Pounds.

WITHOUT COLLARS.

	Per Set
No. 0245—Full Japanned Trimmed, with No. 6 Hames	**$101.80**
No. 0246—Full Japanned Trimmed, with 2¼ in. Traces and No. 8 Hames	**105.80**
No. 0247—Full Japanned Trimmed, with 2½ in. Traces and No. 10 Hames	**109.30**

All Above, One Set in a Box.



Nos. 0245 and 0247.

Bridles.

BUGGY

No. 100.

⅝ in. Box Loops, Patent Leather Blinds, 3-Buckle Overcheck, Round Winker Stay.

	Each
No. 100—Japanned Wire Buckles	**$3.10**

Weight Each About 2 Pounds.

⅝ in. Box Loops, Patent Leather Blinds, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.

	Each
No. 105—Nickel Wire Buckles	**$3.65**
No. 106—Imitation Rubber Wire Buckles	**3.65**

Weight Each About 2½ Pounds.

Nos. 105 and 106.

Bridles.

BUGGY

⅝ in., Box Loops, Patent Leather Concord Blinds, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.

	Each
No. 0107—Nickel, Wire Buckles	$4.85
No. 0108—Imitation Rubber, Wire Buckles	4.85

Weight Each About 2½ Pounds.

⅝ in., Box Loops, Patent Leather Blinds, 3-Buckle Overcheck, with Nose Band, Round Winker Stay.

	Each
No. 110—Nickel, Wire Buckles	$4.65
No. 111—Brass, Wire Buckles	4.65
No. 112—Imitation Rubber, Wire Buckles	4.65
No. 113—Genuine Rubber, Wire Buckles	5.90

Weight Each About 2½ Pounds.

¾ in. Cheek, Patent Leather Blinds, ⅝ in. 3-Buckle Overcheck, with Nose Band, Round Winker Stay.

	Each
No. 115—Nickel, Swedge Buckles	$5.60
No. 116—Brass, Swedge Buckles	5.60
No. 117—Imitation Rubber, Wire Buckles	5.60

Weight Each About 3 Pounds.

Nos. 120 to 122.

⅝ in., with Extended Lap, Patent Leather Blinds, 5 Buckle Overcheck, with Nose Band, Round Winker Stay.

	Each
No. 120—Nickel, French Wire Buckles	$5.60
No. 121—Imitation Rubber, Wire Buckles	5.60
No. 122—Genuine Rubber, Wire Buckles	6.45

Weight Each About 2½ Pounds.

⅝ in. Round Cheek, 3-Buckle Overcheck, with Nose Band, Smooth Finish.

	Each
No. 0122—Nickel, Wire Buckles	$4.10
No. 0123—Imitation Rubber, Wire Buckles	4.10
No. 0124—Genuine Rubber, Wire Buckles	5.00

Weight Each About 2 Pounds.

Nos. 0122 to 0124.

TRACK

Flat Cheeks, 3-Buckle Overcheck, with Nose Band, Cheek to Reverse in Bit, Smooth Finish.

½x⅜ in.	Each
No. 125—Nickel	$2.80
No. 126—Imitation Rubber	2.80
No. 127—Genuine Rubber	3.55

Weight Each About 1½ Pounds.

⅝x½ in.	Each
No. 130—Nickel	$3.30
No. 131—Imitation Rubber	3.30
No. 132—Genuine Rubber	4.10

Weight Each About 2 Pounds.

¾x⅝ in.	Each
No. 0132—Nickel	$3.80
No. 0133—Imitation Rubber	3.80
No. 0134—Genuine Rubber	4.55

Weight Each About 2¼ Pounds.

Round Cheeks to Buckle on Crown, 3-Buckle Overcheck, with Nose Band.

½x⅜ in.	Each
No. 135—Nickel	$3.65
No. 136—Imitation Rubber	3.65
No. 137—Genuine Rubber	4.50

Weight Each About 1½ Pounds.

⅝x½ in.	Each
No. 0137—Nickel	$3.90
No. 0138—Imitation Rubber	3.90
No. 0139—Genuine Rubber	4.80

Weight Each About 2 Pounds.

Bridles.

TEAM

Long Cheek, Cup Shape Harness Leather Blinds, Flat Side Check, Round Winker Stay.

Per Dozen

No. 143—¾ in., Japanned.....**$37.30**
No. 145—⅞ in., Japanned..... **43.10**

Weight Each About 3 Pounds.

Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Front and Face Piece, Flat Side Check, Round Winker Stay.

Per Dozen

No. 150—¾ in., Japanned **$57.30**
No. 151—¾ in., XC Plate.... **57.30**
No. 152—⅞ in., Japanned **64.00**
No. 153—⅞ in., XC Plate.... **64.00**

Weight Each About 4 Pounds.

Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Front, Fancy Spotted Ring Face Piece, Flat Side Check, Round Winker Stay.

Per Dozen

No. 155—¾ in., Japanned **$60.00**
No. 156—¾ in., XC Plate.... **60.00**
No. 157—⅞ in., Japanned **66.65**
No. 158—⅞ in., XC Plate.... **66.65**

Weight Each About 4 Pounds.

Nos. 0160 and 0161.

Long Cheek, Cup Shape Harness Leather Blinds, Round Side Check, Combination Front and Winker Stay, Bar Buckles.

Per Dozen

No. 0160—¾ in., Japanned **$48.65**
No. 0161—⅞ in., Japanned **52.75**

Weight Each About 4 Pounds.

Long Box Loop Cheek, Cup Shape Harness Leather Blinds, Spotted Front and Face Piece, Round Side Check and Winker Stay.

Per Dozen

No. 160—¾ in., Japanned **$69.30**
No. 161—¾ in., XC Plate **69.30**
No. 162—⅞ in., Japanned **73.30**
No. 163—⅞ in., XC Plate **73.30**

Weight Each About 4 Pounds.

Nos. 160 to 163.

No. 165.

¾ in., Long Box Loop Cheek, Cup Shape Harness Leather Spotted Blinds, Spotted Ring Face Piece, Round Side Check, Spotted Combination Front and Winker Stay.

Per Dozen

No. 165—Japanned **$72.40**

Weight Each About 4 Pounds.

¾ in., Long Box Loop Cheek, Concord Harness Leather Blinds, Round Side Check, Round Winker Stay.

Per Dozen

No. 170—Japanned **$53.30**

Weight Each About 3½ Pounds.

No. 170.

Bar Buckle, Short Cheek, Cup Shape Harness Leather Blinds, Flat Nose Band, Round Side Check, Round Winker Stay.

Per Dozen

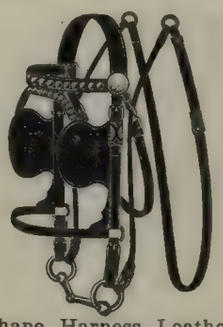
No. 175—¾ in., Japanned **$51.30**

Weight Each About 3½ Pounds.

Per Dozen

No. 176—⅞ in., Japanned **$55.00**

Weight Each About 4 Pounds.



Cup Shape Harness Leather Blinds, Flat Nose Band, Round Side Check, Spotted Combination Front and Winker Stay.

Per Dozen

No. 185—¾ in., XC Plate, Nickel Trimmed **$67.20**
No. 0185—¾ in., Japanned, Brass Trimmed **67.20**
No. 186—⅞ in., XC Plate, Nickel Trimmed **70.20**
No. 0186—⅞ in., Japanned, Brass Trimmed **70.20**

Weight Each About 4 Pounds.

¾ in., Short Cheek, Cup Shape Harness Leather Blinds, Fancy Spotted Front, Flat Nose Band, Round Side Check, Round Winker Stay, Smooth Finish.

Per Dozen

No. 180—Japanned **$67.20**
No. 181—XC Plate **67.20**
No. 182—Nickel **70.20**
No. 183—Brass **70.20**

Weight Each About 3½ Pounds.

Bridles.

TEAM

⅞ in., Ring Crown, Cup Shape Harness Leather Blinds, Flat Nose Band, Round Side Check, Spotted Combination Front and Winker Stay.

	Per Dozen
No. 188—Japanned, Brass Spotted	$68.00

Weight Each About 3½ Pounds.

TEAM

Flat Open Cheek, with Safe, Bar Buckles, Flat Side Check.

	Per Dozen
No. 194—¾ in., Japanned	$28.50
No. 195—⅞ in., Japanned	31.80

Weight Each About 2 Pounds.

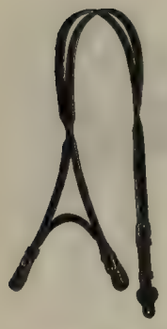
STALLION

Harness Leather, 1¼ in. Cheeks, to Buckle in Bit, 1⅞ in. Crown, 1¼ in. by 14 ft. Lead with Button on End, Heavy Stallion Ring Bit.

	Each
No. 200—Nickel	$9.50

Weight Each About 2½ Pounds.

Overchecks.



Nos. 15 to 22.

½ in. Split, 1 in. Back, 3-Buckle, with Nose Band.

	Per Dozen
No. 15—Nickel	$16.00
No. 16—Imitation Rubber	16.00

Weight Per Dozen About 6 Pounds.

⅝ in., Split, 1¼ in. Back, 3-Buckle, with Nose Band.

	Per Dozen
No. 20—XC Trimmed	$18.65
No. 21—Nickel Trimmed	19.10
No. 22—Imitation Rubber Trimmed	19.10

Weight Per Dozen About 9 Pounds.

½ in., Split, 5-Buckle, with Nose Band.

	Per Dozen
No. 25—Nickel	$21.30
No. 26—Imitation Rubber	21.30
No. 27—Genuine Rubber	25.50

Weight Per Dozen About 6 Pounds.

Nos. 25 to 27.

Overcheck Ends.

	Per Dozen
No. 5—Black Leather	$0.55

Weight Per Dozen About ½ Pound.

	Per Dozen
No. 6—⅜ in., Sewed, Black Leather	$1.30
No. 06—½ in., Sewed, Black Leather	1.45

Weight Per Dozen About ½ Pound.

	Per Dozen
No. 7—Black Leather, with Ring	$1.45
No. 8—Rawhide Leather, with Ring	.80

Weight Per Dozen About ¾ Pound.

Round Side Checks.

½ in. Round, with ½ in. Center Reins, Smooth Finish.

	Per Dozen
No. 7—Nickel	$17.80
No. 8—Imitation Rubber	17.80

Weight Per Dozen About 5 Pounds.

¾ in. Rounds, with ¾ in. Center Reins, Creased.

	Per Dozen
No. 9—XC Trimmed	$21.10
No. 10—Japanned	21.10

Weight Per Dozen About 9 Pounds.

Flat Side Checks.

	Per Dozen
No. 11—¾ in., Short, XC Roller Buckles, Weight Per Dozen About 5 Lbs.	$11.10
No. 12—¾ in., Short, Japanned Roller Buckles, Weight Per Dozen About 5 Lbs.	11.10
No. 13—⅞ in., Short, XC Roller Buckles, Weight Per Dozen About 6 Lbs.	12.80
No. 14—⅞ in., Short, Japanned Roller Buckles, Weight Per Dozen About 6 Lbs.	12.80

Rounds for Side Checks.

	Per Dozen
No. 30—¾ in., Team Rounds, Lap Riveted at Rings, Japanned Bar Buckles.	$5.00
No. 40—¾ in., Team Rounds, Sewed Lap at Rings, XC Roller Buckles	6.25
No. 41—¾ in., Team Rounds, Sewed Lap at Rings, Japanned Roller Buckles.	6.25
No. 45—⅞ in., Team Rounds, Sewed Lap at Rings, XC Roller Buckles	6.70
No. 46—⅞ in., Team Rounds, Sewed Lap at Rings, Japanned Roller Buckles.	6.70

Weight Per Dozen About 5 Pounds.

Round Winker Braces.

	Per Dozen
No. 1—½ in. Billets	$3.60
No. 5—⅝ in. Billets	4.10
No. 10—¾ in. Billets	4.70

Weight Per Dozen About 1½ Pounds.

Round Concord Winker Braces.

	Per Dozen
No. 20—¾ in. Billets	$4.20

Weight Per Dozen About 2 Pounds.

Combination Front and Winker Stays.

	Per Dozen
No. 15—Plain Leather, for Team Bridles.	$7.20

Weight Per Dozen About 3 Pounds.

	Per Dozen
No. 20—Nickel Spotted, for Team Bridles.	$9.80
No. 21—Brass Spotted, for Team Bridles.	9.80

Weight Per Dozen About 4 Pounds.

Bridle Cheeks.

FOR OPEN BRIDLES

Smooth Round Edge Billets, with Leather Slide Loops.

	Per Dozen Pairs
No. 33—⅝ in., Nickel Trimmed	$12.80
No. 34—⅝ in., Imitation Rubber Trimmed	12.80
No. 35—¾ in., Nickel Trimmed	13.90
No. 36—¾ in., Imitation Rubber Trimmed	13.90

Weight Per Dozen Pairs About 4 Pounds.

FOR OPEN TEAM BRIDLES

Japanned.

	Per Dozen Pairs
No. 40—¾ in., with Safe, Bar Buckles	$ 9.80
No. 41—⅞ in., with Safe, Bar Buckles	11.65

Weight Per Dozen Pairs About 7 Pounds.

Team Crowns.

	Per Dozen
No. 30—⅝x¾ in., XC Roller Buckles	$5.50
No. 35—¾x⅞ in., Japanned Roller Buckles	8.20
No. 36—¾x⅞ in., XC Roller Buckles	8.20

Weight Per Dozen About 3 Pounds.

Team Throats.

Creased.

	Per Dozen
No. 50—⅝ in., XC Roller Buckles	$2.90
No. 55—¾ in., Japanned Roller Buckles	3.50
No. 56—¾ in., XC Roller Buckles	3.50

Weight Per Dozen About 1½ Pounds.

Team Face Pieces.

	Per Dozen
No. 100—Plain Harness Leather, Not Spotted	$3.50
No. 105—Smooth, with Loops, Nickel Spotted	6.40
No. 106—Smooth, with Loops, Brass Spotted	6.40

Weight Per Dozen About 2½ Pounds.

Creased.

	Per Dozen
No. 110—Nickel Spotted, with Ring and Safe	$8.30
No. 112—Brass Spotted, with Ring and Safe	8.30

Weight Per Dozen About 4 Pounds.

Team Bit Straps.

Creased.

	Per Dozen
No. 10—¾ in., Japanned Buckles	$2.10
No. 11—¾ in., XC Buckles	2.10
No. 15—⅞ in., Japanned Buckles	2.35
No. 16—⅞ in., XC Buckles	2.35

Weight Per Dozen About 1¼ Pounds.

Cheeked Blinds.

Nos. 10, 11, 15 and 16.

Nos. 20 and 21.

Nos. 30 and 31.

Nos. 35, 36, 37 and 38.

Nos. 40 and 41.

BUGGY CHEEKED BLINDS

		Per Dozen Pairs
No. 10—	⅝ in., 3 Row Stitched Patent Leather Buggy Blinds, Smooth Finish, Nickel Wire Buckles	$18.00
No. 11—	⅝ in., 3 Row Stitched Patent Leather Buggy Blinds, Smooth Finish, Imitation Rubber Wire Buckles	18.00
No. 15—	¾ in., 3 Row Stitched Patent Leather Buggy Blinds, Smooth Finish, Nickel Wire Buckles	20.75
No. 16—	¾ in., 3 Row Stitched Patent Leather Buggy Blinds, Smooth Finish, Imitation Rubber Wire Buckles	20.75
No. 20—	⅝ in., Patent Leather Concord Blinds, Smooth Finish, Nickel Wire Buckles	18.50
No. 21—	⅝ in., Patent Leather Concord Blinds, Smooth Finish, Imitation Rubber Wire Buckles	18.50

Weight Per Dozen About 15 Pounds.

LONG CHEEKED TEAM BLINDS

		Per Dozen Pairs
No. 30—	¾ in., Cup Shape Harness Leather Blinds, Japan Bar Buckles	$14.50
No. 31—	⅞ in., Cup Shape Harness Leather Blinds, Japan Bar Buckles	17.80
No. 35—	¾ in., Cup Shape Harness Leather Blinds, Japan Roller Buckles	18.90
No. 36—	¾ in., Cup Shape Harness Leather Blinds, XC Roller Buckles	18.90
No. 37—	⅞ in., Cup Shape Harness Leather Blinds, Japan Roller Buckles	22.40
No. 38—	⅞ in., Cup Shape Harness Leather Blinds, XC Roller Buckles	22.40
No. 40—	¾ in., Cup Shape Harness Leather Spotted Blinds, Nickel Wire Buckles	23.30
No. 41—	¾ in., Cup Shape Harness Leather Spotted Blinds, Brass Wire Buckles	23.30

Weight Per Dozen About 17 Pounds.

Nos. 50 and 51.

SHORT CHEEKED TEAM BLINDS

		Per Dozen Pairs
No. 50—	¾ in., Cup Shape Harness Leather Blinds, Flat Nose Band, with Bit Straps, Japan Bar Buckles	$17.80
No. 51—	⅞ in., Cup Shape Harness Leather Blinds, Flat Nose Band, with Bit Straps, Japan Bar Buckles	22.90
No. 55—	¾ in., Cup Shape Harness Leather Blinds, Flat Nose Band, Creased, without Bit Straps, XC Roller Buckles	18.00
No. 57—	⅞ in., Cup Shape Harness Leather Blinds, Flat Nose Band, Creased, without Bit Straps, Japan Roller Buckles	21.10
No. 58—	⅞ in., Cup Shape Harness Leather Blinds, Flat Nose Band, Creased, without Bit Straps, XC Roller Buckles	21.10

Nos. 60, 61, 65 and 66.

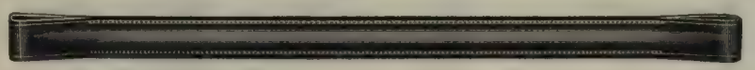
		Per Dozen Pairs
No. 60—	¾ in., Cup Shape Nickel Spotted Harness Leather Blinds, Flat Nose Band, Smooth Finish, without Bit Straps, Nickel Wire Buckles	$22.40
No. 61—	¾ in., Cup Shape Brass Spotted Harness Leather Blinds, Flat Nose Band, Smooth Finish, without Bit Straps, Brass Wire Buckles	22.40
No. 65—	⅞ in., Cup Shape Nickel Spotted Harness Leather Blinds, Flat Nose Band, Creased, without Bit Straps, Japan Roller Buckles	23.80
No. 66—	⅞ in., Cup Shape Brass Spotted Harness Leather Blinds, Flat Nose Band, Creased, without Bit Straps, Japan Roller Buckles	23.80

Weight Per Dozen About 18 Pounds.

Bridle Fronts.

Black Harness Leather, Raised Round Edge.

Nos.	15	16
Inches	⅞	1
Weight Per Dozen About, Lbs.	1¾	2
Per Dozen	$2.65	2.90



Solid Black Harness Leather, Raised Round Edge.

Nos.	20	21	22	23	24
Inches	½	⅝	¾	⅞	1
Weight Per Dozen About, Lbs.	¾	1	1¼	1½	1¾
Per Dozen	$2.00	2.35	2.65	3.10	3.45

Plain Harness Leather, Doubled and Stitched, Brass Oval Spots.

Nos.	25	26
Inches	⅞	1
Weight Per Dozen About, Lbs.	2	2¼
Per Dozen	$2.90	3.40

Plain Harness Leather, Doubled and Stitched, German Silver Oval Spots.

Nos.	30	31
Inches	⅞	1
Weight Per Dozen About, Lbs.	2	2¼
Per Dozen	$3.20	3.70

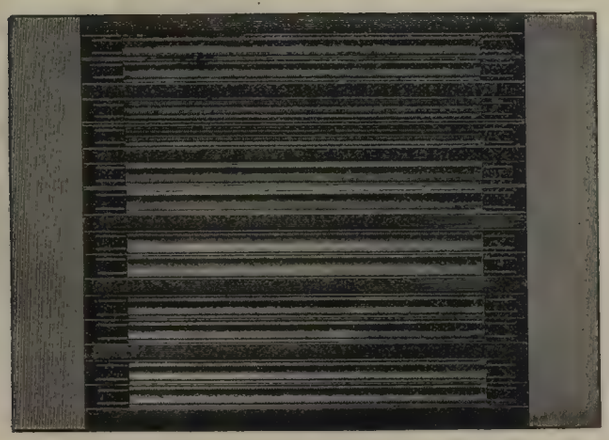
Plain Harness Leather, Doubled and Stitched, Round Head Brass Spots.

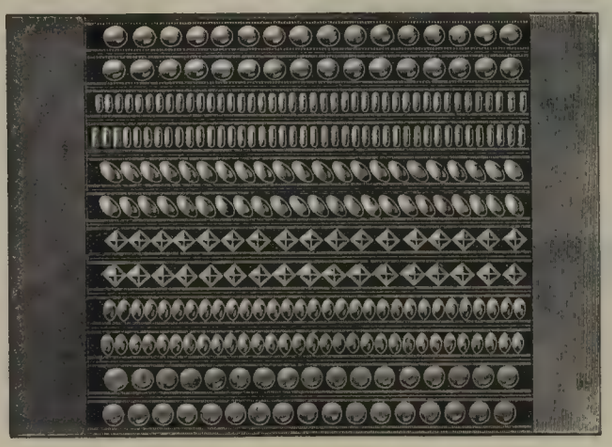
Nos.	35	36	37	38
Inches	¾	⅞	1	1⅛
Wt. Per Dozen About, Lbs.	2¼	2½	2¾	3
Per Dozen	$3.80	4.20	4.65	5.30

Plain Harness Leather, Doubled and Stitched, Round Head German Silver Spots.

Nos.	40	41	42	43
Inches	¾	⅞	1	1⅛
Wt. Per Dozen About, Lbs.	2¼	2½	2¾	3
Per Dozen	$4.20	4.50	5.00	5.60

Bridle Fronts on Cards.





Per Card

No. 1—⅝ in., Assorted, Patent Leather Buggy Fronts . . $2.20

Weight Per Card About 1 Pound.

Per Card

No. 3—1 in., Assorted, Brass Spotted Solid Leather Team Fronts $5.00

No. 4—1 in., Assorted, German Silver Spotted Solid Leather Team Fronts 5.60

Weight Per Card About 2½ Pounds.

One Dozen on a Card.

Single Buggy Lines.

Black, to Loop Into Bit.

		Per Pair
No. 201—⅞	in. Throughout, 14 ft. Long, Weight Per Pair About 1¾ Lbs.	$3.30
No. 202—1	in. Throughout, 14 ft. Long, Weight Per Pair About 2 Lbs.	4.10

Black, Buckle and Billet, Smooth Round Edge Finish, Imitation Rubber Buckles.

No. 205—⅞x1	in., 13 ft. Long, Weight Per Pair About 2¼ Lbs.	$4.00
No. 206—1 x1⅛	in., 13½ ft. Long, Weight Per Pair About 2¾ Lbs.	4.90

Black, Spring Billet, Smooth Finish.

		Per Pair
No. 211—⅞x1	in., 13½ ft. Long, Nickel Trimmed	$4.30
No. 212—⅞x1	in., 13½ ft. Long, Imitation Rubber Trimmed	4.30
No. 213—1 x1⅛	in., 14 ft. Long, Nickel Trimmed	4.90
No. 214—1 x1⅛	in., 14 ft. Long, Imitation Rubber Trimmed	4.90

Weight Per Pair About 2¼ Pounds.

Black, with Spring Billet, 1⅛ in. Hand Parts.

		Per Pair
No. 215—⅝	in., 14 ft. Long, Beaded Front	$6.00
No. 217—⅝	in., 14 ft. Long, Solid Beaded Front	8.50

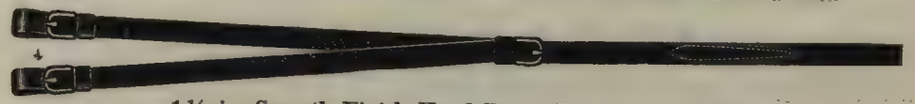
Weigght Per Pair About 2¼ Pounds.

Single Express Lines.

Creased Round Edge, Buckle and Billet.

		Per Pair
No. 225—1	in. Throughout, 14 ft. Long, Japanned, Weight Per Pair About 2½ Lbs.	$4.65
No. 226—1⅛	in. Throughout, 14 ft. Long, Japanned, Weight Per Pair About 2¾ Lbs.	5.50

Double Driving Lines.

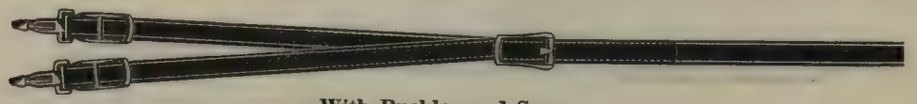


1⅛ in. Smooth Finish Hand Parts, Buckles and Billets.

		Per Set
No. 220—⅞	in., 14½ ft. Long, Nickel Trimmed	$7.20
No. 222—1	in., 14½ ft. Long, Nickel Trimmed	8.40
No. 223—1	in., 14½ ft. Long, Imitation Rubber Trimmed	8.40

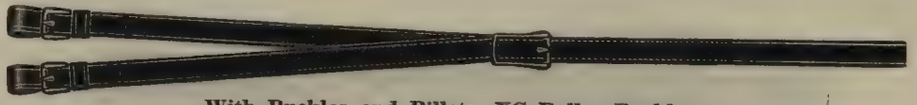
Weight Per Set About 4¼ Pounds.

Double Team Lines.



With Buckles and Snaps.

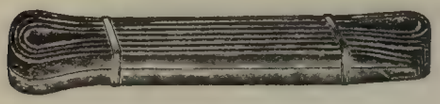
		Per Dozen Sets
No. 245—1	in., 20 ft. Long, Japan Trimmed, Weight Per Set About 5 Lbs.	$ 91.00
No. 246—1⅛	in., 20 ft. Long, Japan Trimmed, Weight Per Set About 6 Lbs.	102.20



With Buckles and Billets, XC Roller Buckles.

		Per Dozen Sets
No. 251—1	in., 18 ft. Long, Weight Per Set About 4½ Lbs.	$ 97.80
No. 252—1	in., 20 ft. Long, Weight Per Set About 5¼ Lbs.	102.20
No. 253—1⅛	in., 20 ft. Long, Weight Per Set About 5¾ Lbs.	113.30
No. 254—1¼	in., 20 ft. Long, Weight Per Set About 6¼ Lbs.	125.50
No. 264—1⅛	in., 22 ft. Long, Weight Per Set About 6 Lbs.	125.50

Hand Parts.



Folded Bag Leather.

	Per Pair
No. 110—7 ft., Russet or Black Leather	$3.80
No. 111—8 ft., Russet or Black Leather	5.20
No. 112—7 ft., Russet or Black Leather, with Layer	4.70
No. 114—8 ft., Russet or Black Leather, with Layer	6.10

Weight Per Pair About 1 Pound.

Flat, Round Edge.

	Per Pair
No. 15—1⅛ in., 7 ft. Long, Russet Leather	$2.55
No. 16—1⅛ in., 8 ft. Long, Russet Leather	2.80

Weight Per Pair About 1 Pound.

Rein Holders.

Folded Bag Leather.

	Per Pair
No. 11—Straight Stitched	$1.60
No. 12—Straight Stitched, with Layer	1.80

Russet Leather.

	Per Pair
No. 25—1⅛ in., Flat	$0.90

Weight Per Dozen Pairs About 4 Pounds.

Traces.

SINGLE BUGGY

Raised, Round Edge, Doubled and Stitched.

	Per Pair
No. 10—1⅛ in., 6 ft. 6 in. Long, Weight Per Pair About 2½ Lbs.	$5.00
No. 11—1¼ in., 6 ft. 6 in. Long, Weight Per Pair About 3 Lbs.	5.80

DOUBLE DRIVING

Raised, Round Edge, Doubled and Stitched.

	Per Set
No. 16—1⅛ in., 6 ft. 6 in. Long, Weight Per Set About 5¼ Lbs.	$10.00
No. 17—1¼ in., 6 ft. 6 in. Long, Weight Per Set About 6 Lbs.	11.65

TEAM

Flat, Doubled and Stitched, Clip Cockeyes.

	Per Set
No. 20—1¼ in., 6 ft. 6 in. Long, Weight Per Set About 8¼ Lbs	$11.10
No. 21—1½ in., 6 ft. Long, Weight Per Set About 9 Lbs.	12.50

Raised, Doubled and Stitched, Triangular Cockeyes.

	Per Set
No. 36—1¼ in., 6 ft. 6 in. Long, Weight Per Set About 7 Lbs.	$13.90
No. 37—1⅜ in., 6 ft. 6 in. Long, Weight Per Set About 8 Lbs.	15.50

Flat, Doubled and Stitched, Triangular Cockeyes.

	Per Set
No. 38—1½ in., 6 ft. 6 in. Long, Weight Per Set About 10 Lbs.	$17.20
No. 40—1½ in., 6 ft. Long, Weight Per Set About 9 Lbs.	15.30

Traces.

TEAM OR TRUCK

For Clip Hames.

Per Set

No. 42—1½ in., Heavy, Flat, Two Rows Stitched, 6 ft. 3 in., Long Chafes, Concord Screw Clevises, 6 Link Heel Chains, 1¼ in. Belly Band Billets, Weight Per Set About 16 Lbs. **$21.10**

No. 43—1¾ in., Heavy, Flat, Three Rows Stitched, 6 ft. 3 in., Long Chafes, Concord Screw Clevises, 6 Link Heel Chains, 1½ in. Belly Band Billets, Weight Per Set About 18 Lbs. **24.60**

For Bolt Hames.

Per Set

No. 45—1½ in., Heavy, Flat, Two Rows Stitched, 6 ft. 3 in., Long Chafes, Concord Screw Clevises, 6 Link Heel Chains, with 1¼ in. Belly Band Billets, Weight Per Set About 17 Lbs..... **$23.75**

No. 46—1¾ in., Heavy, Flat, Three Rows Stitched, 6 ft. 3 in., Long Chafes, Concord Screw Clevises, 6 Link Heel Chains, with 1½ in. Belly Band Billets, Weight Per Set About 20 Lbs..... **27.10**

No. 47—2 in., Heavy, Flat, Three Rows Stitched, 6 ft. 3 in., Long Chafes, Concord Screw Clevises, 6 Link Heel Chains, with 1½ in. Belly Band Billets, Weight Per Set About 23 Lbs..... **34.70**

No. 48—2¼ in., Heavy, Flat, Three Rows Stitched, 6 ft. 3 in., Long Chafes, Concord Screw Clevises, 6 Link Heel Chains, with 1½ in. Belly Band Billets, Weight Per Set About 27 Lbs..... **38.20**

PINERY OR LOGGING

For Bolt Hames.

Per Set

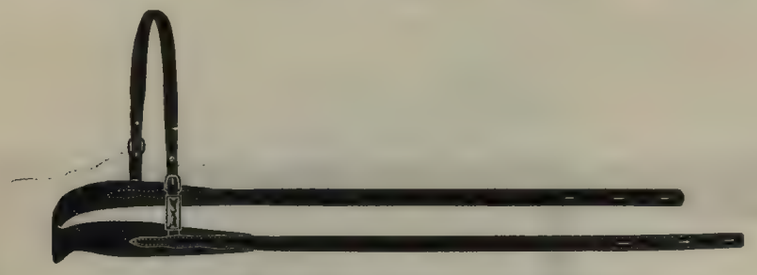
No. 50—1¾ in., Heavy, Flat, Three Rows Stitched, with 1½ in. Belly Band Billets, Pinery Dees with Hooks, 4 ft. 8 in. Long, no Chains, Weight Per Set About 13 Lbs..... **$21.70**

No. 51—2 in., Heavy, Flat, Three Rows Stitched, with 1½ in. Belly Band Billets, Pinery Dees with Hooks, 4 ft. 8 in. Long, no Chains, Weight Per Set About 14 Lbs..... **25.80**

No. 52—2¼ in., Heavy, Flat, Three Rows Stitched, with 1½ in. Belly Band Billets, Pinery Dees with Hooks, 4 ft. 8 in. Long, no Chains, Weight Per Set About 16 Lbs..... **30.00**

No. 53—2½ in., Heavy, Flat, Three Rows Stitched, with 1½ in. Belly Band Billets, Pinery Dees with Hooks, 4 ft. 8 in. Long, no Chains, Weight Per Set About 18 Lbs..... **32.75**

Buggy Breast Collars and Traces.



V-Shaped Heavy Breast Collar, with Neck Strap.

	Each
No. 75—1¼ in. Smooth Finish Traces Attached to Breast Collar, Nickel Wire Buckles	$6.90
No. 76—Same as No. 75, Except Imitation Rubber Wire Buckles	6.90
No. 77—1⅝ in. Smooth Finish Traces Attached to Breast Collar, Nickel Swedge Buckles	7.75
No. 78—Same as No. 77, Except Imitation Rubber Wire Buckles	7.75

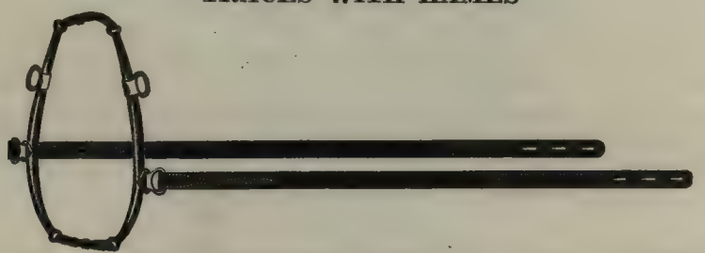
Weight Each About 3 Pounds.

V-Shaped Heavy Breast Collar, with Split Neck Straps and Line Ring Terrets.

	Each
No. 80—1¼ in. Smooth Finish Traces Attached to Breast Collar, Nickel Wire Buckles	$7.50
No. 81—Same as No. 80, Except with Imitation Rubber Wire Buckles	7.50
No. 82—1⅝ in. Smooth Finish Traces Attached to Breast Collar, Nickel Swedge Buckles	8.30
No. 83—Same as No. 82, Except Imitation Rubber Wire Buckles	8.30

Weight Each About 3½ Pounds.

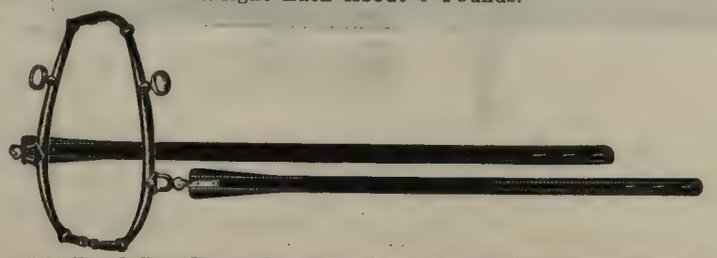
TRACES WITH HAMES



3½ Lb. O Spot Improved Screw Bolt Jug Draft Eye Iron Hames, with Hame Straps.

	Each
No. 84—1¼ in. Smooth Finish Traces, Jug Eye Terrets, Nickel Trimmed	$ 8.60
No. 084—Same as No. 84, Except Brass Trimmed	8.60
No. 85—1½ in. Smooth Finish Traces, Jug Eye Terrets, Nickel Trimmed	10.00
No. 86—Same as No. 85, Except Brass Trimmed	10.00

Weight Each About 6 Pounds.



3½ Lb. O Spot Fancy Draft Eye Iron Hames, with Hame Straps.

	Each
No. 90—1¼ in. Smooth Finish Traces, Nickel Trimmed	$7.20
No. 91—Same as No. 90, Except Imitation Rubber Trimmed	7.20
No. 95—1½ in. Smooth Finish Traces, Nickel Trimmed	8.90
No. 96—Same as No. 95, Except Imitation Rubber Trimmed	8.90

Weight Each About 6 Pounds.

Breeching.

SINGLE BUGGY

Single Strap, 3-Ring Brace, Turnback ⅞ in., Hip Strap ¾ in., Side Straps ⅞ in.

	Each
No. 250—Nickel Trimmed	$5.80
No. 251—Imitation Rubber Trimmed	5.80

Weight Each About 2½ Pounds.

Single Strap, ⅝ in. Box Loop Tugs, Turnback ⅞ in., Hip Straps Split, Side Straps ⅞ in.

	Each
No. 255—Nickel Trimmed	$6.00
No. 256—Imitation Rubber Trimmed	6.00

Weight Each About 2½ Pounds.

TEAM

Single Strap, ⅞ in. Double Hip Straps, with Lazy Straps, 1⅛ in. Side Straps, Sewed in Ring to Snap in Martingale.

	Per Pair
No. 260—Japan, with Brass Buckle Shields	$11.60
No. 261—Japan, with Nickel Buckle Shields	11.60

Weight Per Pair About 6½ Pounds.

TEAM

Folded, with Layer, for Double Hip Straps.

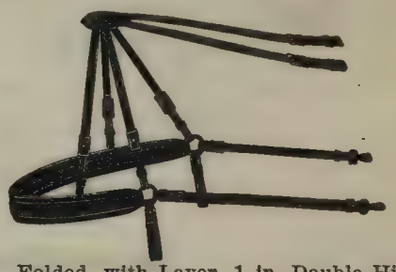
	Per Pair
No. 265—1 in. Lead Ups, Japan Buckles	$7.20
No. 266—1⅛ in. Lead Ups, Japan Buckles	9.40

Weight Per Pair About 6 Pounds

Folded, with Layer, with Lead Up for Double Hip Strap, One 1 in. Rear Hip Strap to Snap into Trace Carrier.

	Per Pair
No. 270—1⅛ in. Side Straps, XC Trimmed	$12.50

Weight Per Pair About 8 Pounds.



Folded, with Layer, 1 in. Double Hip Straps to Reverse, 1 in. Rib Straps to Hame.

	Per Pair
No. 275—1 in. Side Straps, 1 in. Lazy Straps, Japan Trimmed	$19.60

Weight Per Pair About 12 Pounds.

TEAM

Nos. 280 and 282.

Folded, with Layer.

	Per Pair
No. 280—1 in. Double 3-Ring Hip Straps, Spotted, with Trace Carriers, 1 in. Rib Straps to Hames, 1 in. Side Straps, 1 in. Lazy Straps, Japanned Trimmed, with Brass Buckle Shields	$22.90
No. 282—1⅛ in. Double 3-Ring Hip Straps, Spotted, with Trace Carriers, 1¼ in. Rib Straps to Hames, 1⅛ in. Side Straps, 1⅛ in. Lazy Straps, Japanned, with Brass Buckle Shields	27.10

Weight Each About 14½ Pounds.

HIP

With Snaps.

	Per Dozen
No. 285—1½ in. Body, ⅞ in. Side Straps	$25.90
No. 286—1¾ in. Body, 1 in. Side Straps	28.70
No. 287—2 in. Body, 1¼ in. Side Straps	38.00

Weight Per Dozen About 3½ Pounds.

HIP

Nos. 285 to 287.

Team Back and Hip Straps

With Crupper, XC Trimmed.

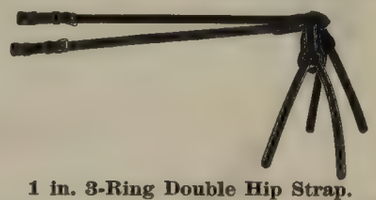
	Per Pair
No. 300—1 in. Hip Straps, 1 in. Back Straps	$7.00
No. 305—1⅛ in. Hip Straps, 1⅛ in. Back Straps	8.00

Weight Per Pair About 6 Pounds.

With Trace Carrier.

	Per Pair
No. 310—1 in. Double Hip Straps to Reverse, 1 in. Rib Straps to Hames, Japanned Trimmed	$8.50
No. 311—Same as No. 310, Except XC Trimmed	8.50

Weight Per Pair About 5 Pounds.



1 in. 3-Ring Double Hip Strap.

	Per Pair
No. 315—1 in. Rib Strap to Hames, Japanned Trimmed	$ 9.65
No. 316—1 in. Rib Strap to Hames, XC Trimmed	9.65
No. 320—1⅛ in. Rib Strap to Hames, Japanned Trimmed	10.20
No. 321—1⅛ in. Rib Strap to Hames, XC Trimmed	10.20

Weight Per Pair About 7 Pounds.

Buggy Cruppers.

Flaxseed Filled, with Buckles.

	Per Dozen
No. 20—⅝ in., Japanned Wire Buckles	$6.20
No. 22—¾ in., Japanned Wire Buckles	6.40
No. 23—¾ in., Nickel Wire Buckles	6.70

Weight Per Dozen About 1½ Pounds.

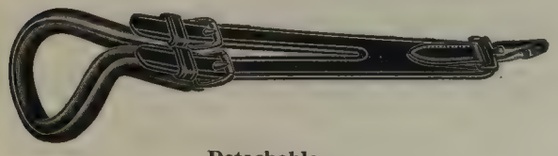
Team Cruppers.

Folded, Roller Buckles.

	Per Dozen
No. 27—¾ in., with ¾ in. XC Roller Buckles	$5.10

Weight Per Dozen About 3½ Pounds.

Crupper Forks and Crupper.



Detachable.

	Per Dozen
No. 25—1½ in., ¾ in. Split, with Snap	$9.40

Weight Per Dozen About 6 Pounds.

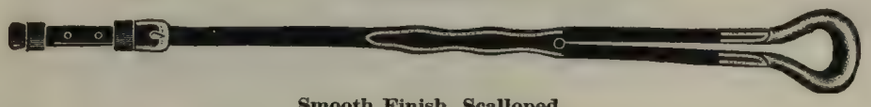
Team Back Straps with Cruppers.

Creased, with Round Crupper to Buckle on.

	Per Dozen
No. 55—1 in., Japanned Buckles	$15.00
No. 56—1 in., XC Buckles	15.00

Weight Per Dozen About 8 Pounds.

Buggy Back Strap and Crupper.



Smooth Finish, Scalloped.

	Per Dozen
No. 50—⅞ in., with Round Crupper Sewed on	$17.80

Weight Per Dozen About 6 Pounds.

Belly Bands.

TEAM

Folded.

	Per Dozen
No. 101—1¼ in., Japanned Buckles	$11.10
No. 102—1½ in., Japanned Buckles	14.50
No. 103—1½ in., Japanned Buckles, with Layer	16.10

Weight Per Dozen About 10 Pounds.

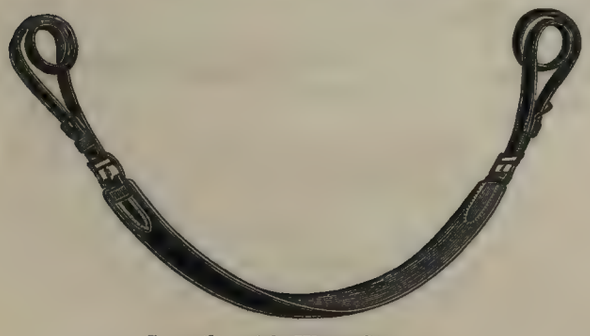
BUGGY

Folded, with Layer.

	Per Dozen
No. 110—1 in., Nickel Buckles	$12.80
No. 111—1 in., Imitation Rubber Buckles	12.80

Weight Per Dozen About 8 Pounds.

GRIFFITH STYLE

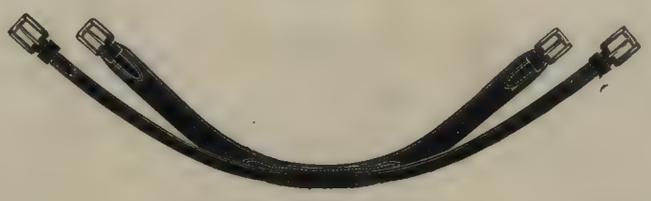


Smooth, with Wrap Straps.

	Each
No. 115—Nickel Buckles	$1.70
No. 116—Imitation Rubber Buckles	1.70

Weight Per Dozen About 9 Pounds.

SINGLE STRAP



For Dee Billet Shaft Tugs.

	Each
No. 120—Nickel Buckles	$1.60
No. 121—Imitation Rubber Buckles	1.60

Weight Per Dozen About 9 Pounds.

Buggy Hame Tugs.

With Buckle Safe.

	Per Pair
No. 100—1⅛ in., Nickel Wire Buckles	$2.30
No. 101—1⅛ in., Imitation Rubber Wire Buckles	2.30
No. 105—1¼ in., Nickel Wire Buckles	2.50
No. 106—1¼ in., Imitation Rubber Wire Buckles	2.50

Weight Per Dozen Pairs About 6 Pounds.

1¼ in., with Buckle Safe.

	Per Pair
No. 110—Nickel Swedge Buckle	$2.50
No. 111—Brass Swedge Buckle	2.50

Weight Per Dozen Pairs About 6 Pounds.

1¼ in., with Eye and Buckle Safe, for Improved Screw Bolt Jug Eye Hames.

	Per Pair
No. 112—Nickel Swedge Buckle	$4.10
No. 113—Brass Swedge Buckle	4.10

Weight Per Dozen Pairs About 9 Pounds.

Hame Tugs and Hames.

Box Loops, Buckle Safes, O Spot Iron Hames, with Hame Straps.

	Per Pair
No. 115—1⅛ in., Nickel Wire Buckles	$4.60
No. 116—1⅛ in., Imitation Rubber Wire Buckles	4.60
No. 120—1¼ in., Nickel Wire Buckles	5.10
No. 121—1¼ in., Imitation Rubber Wire Buckles	5.10

Weight Per Pair About 4½ Pounds.

Box Loops, Buckle Safes, O Spot Improved Jug Eye Hames, with Hame Straps.

	Per Pair
No. 125—1¼ in., Nickel Swedge Buckles	$6.50
No. 126—1¼ in., Brass Swedge Buckles	6.50

Weight Per Pair About 4½ Pounds.

Short Team Hame Tugs.

FOR CLIP HAMES

Doubled and Stitched, with Scalloped Safe and Box Loops.

	Per Dozen
No. 130—1¼ in., Japan Buckles	$12.20
No. 131—1¼ in., XC Plate Buckles	12.20
No. 135—1⅜ in., Japan Buckles	13.30
No. 136—1⅜ in., XC Plate Buckles	13.30
No. 140—1½ in., Japan Buckles	14.20
No. 141—1½ in., XC Plate Buckles	14.20

Weight Per Dozen About 10 Pounds.

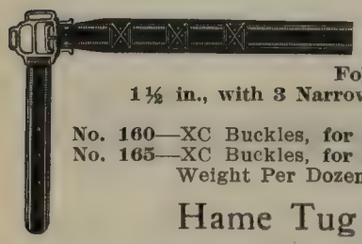
FOR BOLT HAMES

Doubled and Stitched, with Safe and Box Loop.

	Per Dozen
No. 145—1¼ in., Japan Buckles	$16.00
No. 146—1¼ in., XC Plate Buckles	16.00
No. 150—1⅜ in., Japan Buckles	17.80
No. 151—1⅜ in., XC Plate Buckles	17.80
No. 155—1½ in., Japan Buckles	18.60
No. 156—1½ in., XC Plate Buckles	18.60

Weight Per Dozen About 10 Pounds.

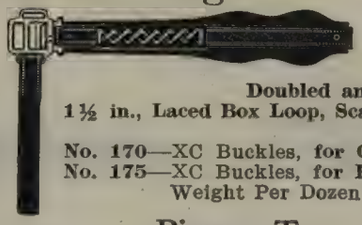
Long Team Hame Tugs.



Folded.
1½ in., with 3 Narrow Loops, 1¼ in. Billets.

	Per Dozen
No. 160—XC Buckles, for Clip Hames	$21.90
No. 165—XC Buckles, for Bolt Hames	28.90

Weight Per Dozen About 21 Pounds.



Doubled and Stitched.
1½ in., Laced Box Loop, Scalloped Safes, 1¼ in. Billets

	Per Dozen
No. 170—XC Buckles, for Clip Hames	$30.00
No. 175—XC Buckles, for Bolt Hames	33.80

Weight Per Dozen About 21 Pounds.

Hame Tug Billets.

1¼ in., with Buckle.

	Per Dozen
No. 180—Japanned	$4.20
No. 181—XC Plate	4.20

Weight Per Dozen About 4½ Pounds.

Pinery Trace Billets.

With Leather Loop.

	Per Dozen
No. 185—1¼ in.	$6.20
No. 186—1½ in.	7.50

Weight Per Dozen About 3 Pounds.

Buggy Shaft Tugs.

Box Loop.

	Per Dozen
No. 200—⅞ in., Nickel Wire Buckles	$4.30
No. 201—⅞ in., Imitation Rubber Wire Buckles	4.30
No. 205—1 in., Nickel Wire Buckles	5.20
No. 206—1 in., Imitation Rubber Wire Buckles	5.20

Weight Per Dozen About 2 Pounds.

Box Loop, with Dee Billet.

	Per Dozen
No. 210—1 in., Nickel Wire Buckles	$9.10
No. 211—1 in., Imitation Rubber Wire Buckles	9.10

Weight Per Dozen About 5 Pounds.

Express Shaft Tugs.

1¼ in. Billet.

	Per Dozen
No. 215—1¼ in., Japan Buckle	$11.70
No. 216—1¼ in., XC Buckle	11.70
No. 220—1¼ in., Brass Buckle	17.30
No. 225—1½ in., Brass Buckle	19.40

Weight Per Dozen About 10 Pounds.

Breast Straps.

BUGGY

Smooth Finish.

	Per Dozen
No. 64—1¼x48 in., Made up, Nickel Buckles	$13.40
No. 65—1¼x48 in., Made up, Imitation Rubber Buckles	13.40
No. 66—1½x48 in., Made up, Nickel Buckles	16.90
No. 67—1½x48 in., Made up, Imitation Rubber Buckles	16.90

Weight Per Dozen About 9 Pounds.

TEAM

Machine Stitched.

	Per Dozen
No. 71—1¼x51 in., Made up, Japan Buckles	$13.40
No. 72—1½x54 in., Made up, XC Buckles	17.30
No. 76—1¾x54 in., Made up, XC Buckles	21.10

Weight Per Dozen About 12 Pounds.

EXTENSION

	Per Dozen
No. 100—1½ in., 24 in. Long, Made up, Japan Buckles	$ 9.30
No. 102—1¾ in., 24 in. Long, Made up, Japan Buckles	11.10

Weight Per Dozen About 7 Pounds.

Breast Straps.

LOGGING

Extra Heavy, Machine Stitched.

	Per Dozen
No. 77—1¾x60 in., Made up, Japan Buckles	$23.30
No. 78—2x60 in., Made up, Japan Buckles	26.70

Weight Per Dozen About 18 Pounds.

TEAM

Doubled and Stitched.

	Per Dozen
No. 69—1½ in., XC Combination Buckles and Snaps, Japan Slide	$10.60

Weight Per Dozen About 12 Pounds.

Breast Chains.

XC Plate, Tapered Chain, with Center Slide Snap and Bull Dog End Snaps.

Nos.	528	532	536	540
Inches	28	32	36	40
Wt. Dz. Pr., Lbs.	60	65	72	80
Per Doz. Pairs.	$22.20	25.00	27.75	30.50

Two Pairs in a Box.

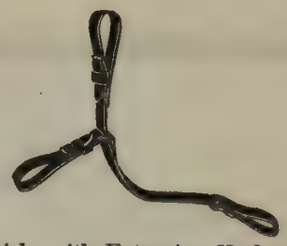
Martingales.

BUGGY

Smooth Finish.

	Per Dozen
No. 86—1 in., Nickel Wire Buckles	$11.10
No. 87—1¼ in., Nickel Wire Buckles	15.00

Weight Per Dozen About 7 Pounds.



Smooth Finish, with Extension Neckyoke Strap.

	Per Dozen
No. 83—1¼ in., Nickel Buckles	$24.00

Weight Per Dozen About 7½ Pounds.

TEAM

Machine Stitched, with Two Rings.

	Per Dozen
No. 80—1¼ in., Japan Trimmed, Weight Per Dozen About 8 Lbs.	$13.40
No. 82—1½ in., XC Trimmed, Weight Per Dozen About 10½ Lbs.	16.40
No. 85—1¾ in., XC Trimmed, Weight Per Dozen About 14 Lbs.	20.50

LOGGING

Extra Heavy, with Rings and Safe, Lined at Neckyoke End.

	Per Dozen
No. 88—1¾ in., Japanned Trimmed, Weight Per Dozen About 19 Lbs.	$27.10
No. 89—2 in., Japanned Trimmed, Weight Per Dozen About 22 Lbs.	30.00

Truck Style Team Martingales.

Doubled and Stitched.

	Per Dozen
No. 90—1¾ in., with Safe and Swivel Snap, Japanned Trimmed	$34.60

Weight Per Dozen About 20 Pounds.

Collar Straps.

	Per Dozen
No. 70—⅞ in., 27 in. Long, Made up, Japanned Buckles	$4.20
No. 71—1 in., 27 in. Long, Made up, Japanned Buckles	4.80
No. 72—1¼ in., 27 in. Long, Made up, Japanned Buckles	6.30

Weight Per Dozen About 4 Pounds.

Lazy Straps.

	Per Dozen
No. 73—1 in., 33 in. Long, Made up, Japanned Buckles	$6.70
No. 74—1¼ in., 39 in. Long, Made up, Japanned Buckles	8.20

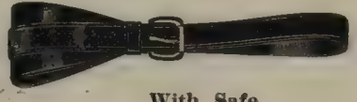
Weight Per Dozen About 6 Pounds.

Lazy Straps.

With Wear Leathers.

	Per Dozen
No. 75—1x30 in., XC Buckles	$7.10

Weight Per Dozen About 5 Pounds.



With Safe.

	Per Dozen
No. 77—1x33 in., XC Buckles	$8.50

Weight Per Dozen About 5 Pounds.

Hame Straps.

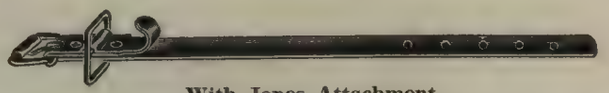
BUGGY

Smooth Finish.

	Per Dozen
No. 31—⅝ in., Nickel Buckles	$2.65
No. 32—⅝ in., Imitation Rubber Buckles	2.65

Weight Per Dozen About 1½ Pounds.

TEAM



With Jones Attachment.

	Per Dozen
No. 40—⅞ in., 21 in. Long, Made up	$3.10
No. 41—1 in., 21 in. Long, Made up	3.50

Weight Per Dozen About 2 Pounds.

TEAM

Machine Stitched, Japanned Buckles.

	Per Dozen
No. 36— ¾ in., 21 in. Long, Made up, Weight Per Dozen About 2⅛ Lbs	$3.20
No. 37— ⅞ in., 21 in. Long, Made up, Weight Per Dozen About 2½ Lbs	3.80
No. 38—1 in., 21 in. Long, Made up, Weight Per Dozen About 3 Lbs	4.20
No. 53— ⅞ in., 24 in. Long, Made up, Weight Per Dozen About 2¾ Lbs	4.10
No. 54—1 in., 24 in. Long, Made up, Weight Per Dozen About 3½ Lbs	4.65
No. 55—1⅛ in., 24 in. Long, Made up, Weight Per Dozen About 4 Lbs	5.10
No. 56—1¼ in., 24 in. Long, Made up, Weight Per Dozen About 4½ Lbs	5.80

TEAM

Twin Loops, Japanned Buckle.

	Per Dozen
No. 47—⅞ in., 21 in. Long, Made up	$3.00
No. 48—1 in., 21 in. Long, Made up	3.35

Weight Per Dozen About 3 Pounds.

LUMBERMAN'S

Extra Heavy, Sewed Leather Loops.

	Per Dozen
No. 60—1 in., 30 in. Long, Made up, Japanned Buckle	$6.20
No. 61—1⅛ in., 30 in. Long, Made up, Japanned Buckle	6.90
No. 62—1¼ in., 30 in. Long, Made up, Japanned Buckle	8.00

Weight Per Dozen About 5 Pounds.

Side Straps.

FOR SINGLE BUGGY HARNESS

	Per Dozen
No. 50—⅞ in., 4 ft. Long, Made up, Imitation Rubber Wire Buckles	$7.30

Weight Per Dozen About 4½ Pounds.

	Per Dozen
No. 52—⅞ in., 4 ft. Long, Made up, Nickel Wire Buckle	$ 8.65
No. 53—1 in., 4 ft. Long, Made up, Imitation Rubber Wire Buckle	10.00

Weight Per Dozen About 5½ Pounds.

FOR EXPRESS HARNESS

	Per Dozen
No. 55—1⅛ in., 4 ft. 4 in. Long, Japanned Buckle	$12.20
No. 56—1¼ in., 4 ft. 4 in. Long, Japanned Buckle	14.40

Weight Per Dozen About 7 Pounds.

FOR TEAM BREECHING HARNESS

	Per Dozen
No. 91—⅞ in., XC Buckles, Weight Per Dozen About 7½ Lbs	$11.10
No. 92—1 in., XC Buckles, Weight Per Dozen About 7½ Lbs	13.30

FOR LOGGING HARNESS

	Per Dozen
No. 93—1⅛ in., Extra Heavy, Machine Stitched, Japanned Buckles	$15.50
No. 94—1¼ in., Extra Heavy, Machine Stitched, Japanned Buckles	16.90

Weight Per Dozen About 9 Pounds.

Back Bands.

Heavy Colored Back Band Web.

	Per Dozen
No. 80—4 in., 1¼ in. Buckles and Billets	$12.40
No. 080—Same as No. 80, Except Extra Long, for Large Horses	13.30

Weight Per Dozen About 12½ Pounds.

Heavy Harness Leather.

	Per Pair
No. 81—3½ in., Fawn Felt Lined and Stitched Center, ⅞ in. Riveted Top Layer with Loose Ring, 1¼ in. Riveted Billets, XC Trimmed	$4.50

Weight Per Pair About 3¾ Pounds.

Team Pads.

Nos. 82 and 082.

Harness Leather Swell Shape Housings.

Felt Lined, Full Spotted, 1¼ in. Layer with Dee, 1¼ in. Market Straps, Trimmed with Drop Hooks and Terrets.

	Per Pair
No. 82—Brass Spotted, Japanned Trimmed	$6.20
No. 082—Nickel Spotted, XC Trimmed	6.20

Weight Per Pair About 4 Pounds.

Harness Leather Swell Shape Housings.

Felt Lined, Full Spotted, 1¼ in. Layer with Dees, 1¼ in. Market Straps.

	Per Pair
No. 83—Brass Spotted	$5.80
No. 84—Nickel Spotted	5.80

Weight Per Pair About 3½ Pounds.

Nos. 83 and 84.

Nos. 90 and 91.

Harness Leather Swell Shape Housings.

Felt Lined, Swell Shaped Layers, Full Spotted, with Brass Bridges, 1½ in. Market Strap, to Reverse.

	Per Pair
No. 90—Brass Spotted	$7.80
No. 91—Nickel Spotted	7.80

Weight Per Pair About 4 Pounds.

Harness Leather Swell Shape Housings.

Felt Lined, Swell Shaped Layer, Full Spotted, with Brass Bridges, with Dees and 1½ in. Market Straps.

	Per Pair
No. 95—Brass Spotted	$9.50
No. 96—Nickel Spotted	9.50

Weight Per Pair About 5 Pounds.

Nos. 95 and 96.

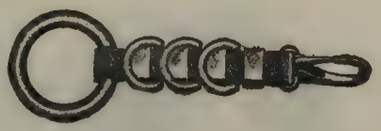
Spread Straps.

Black Leather Strap.

Per Dozen

No. 28—⅝ in., 3-Ring Spreaders, Imitation Rubber Snap, One Each Blue, Red and White Duranoid Rings, Japan Loops **$3.70**

Weight Per Dozen About 3¼ Pounds.



Black Leather Strap.

Per Dozen

No. 29—8 in. Long, White Zylonite Ring, White Celluloid Loops, Red, White and Blue Celluloid Dees **$8.65**

Weight Per Dozen About 2¼ Pounds.

Black Leather Strap.

Per Dozen

No. 31—12 in. Long, White Zylonite Ring, Celluloid Loops, Red, White and Blue Dees..... **$12.00**

Weight Per Dozen About 2¾ Pounds.

¾ in. Black Leather Strap.

Per Dozen

No. 33—14 in. Long, Round Harness Leather Circles, Spotted, with Large Oval Center, White Zylonite Ring with Snap, **Brass** Spotted..... **$10.65**

No. 34—Same as No. 33, Except **Nickel** Spotted..... **10.65**

Weight Per Dozen About 7½ Pounds.

⅝ in. Black Leather Strap.

Per Dozen

No. 38—12 in. Long, Red, White and Blue Zylonite Rings, White Celluloid Loop, with No. 4 White Zylonite Ring in End..... **$10.65**

No. 40—Same as No. 38, Except 13 in. Long, with **Six Assorted Sizes** White Zylonite Rings and No. 5 Rings at End **14.40**

Weight Per Dozen About 5 Pounds.

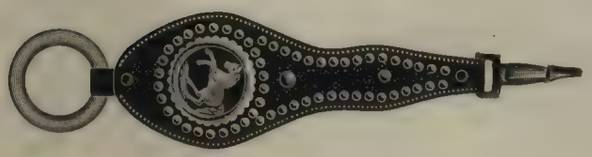
⅝ in. Black Leather Strap.

Per Dozen

No. 45—14 in. Long, 4 Assorted Sizes Metal Ornaments, Metal Slide Loops, No. 5 White Zylonite Ring at End, Security Snap, **Brass Trimmed**..... **$7.40**

No. 46—Same as No. 45, Except **Nickel Trimmed**..... **7.40**

Weight Per Dozen About 4¼ Pounds.



Harness Leather.

Per Dozen

No. 50—Standard Brass Oval Spotted, Brass Horse and Ring Ornament, with No. 4 White Zylonite Ring in End, Security Snap..... **$11.10**

No. 51—Same as No. 50, Except **Nickel Trimmed**..... **11.10**

Weight Per Dozen About 4½ Pounds.

Without Ring.

Per Dozen

No. 60—⅝ in., 16 in. Long, Machine Stitched, Nickel Wire Buckles **$2.20**

No. 62—¾ in., 16 in. Long, Riveted, XC Buckles..... **2.20**

No. 64—¾ in., 16 in. Long, Machine Stitched, XC Buckles **2.50**

No. 66—¾ in., 24 in. Long, Machine Stitched, Japan Buckles **3.10**

No. 67—¾ in., 30 in. Long, Machine Stitched, Japan Buckles **3.40**

No. 68—¾ in., 36 in. Long, Machine Stitched, Japan Buckles **3.80**

Weight Per Dozen About 2 Pounds.

Single Strap Gig Saddles.

Nos. 15, 16 and 17.

Swell Shape Flexible Pad.

3 in., Half Track, Leather Bottom Pad, Stitched to Top Housing, Patent Leather Jockey, 1 in. Dee Bearers, ⅞ in. Billets.

	Each
No. 15—Nickel Trimmed	**$3.80**
No. 16—Imitation Rubber Trimmed	**3.80**
No. 17—Brass Trimmed	**3.80**

Weight Each About 3½ Pounds.

Large Swell Shape Flexible Colored Beaded Leather Pad.

3 in., Leather Bottom Pad, Stitched to Top Housing, Patent Leather Jockey, Single Strap Skirts, 1 in. Dee Bearers, Rawhide Lined at Dee, ⅞ in. Billets.

	Each
No. 35—Nickel Trimmed	**$5.00**
No. 36—Imitation Rubber Trimmed	**5.00**
No. 37—Brass Trimmed	**5.00**

Weight Each About 4 Pounds.

Nos. 35, 36 and 37.

Express Saddles.

Nos. 50 to 56.

Single Strap, Leather Bottom Pad.

Fine Japanned Beveled Edge Express Tree, Extra Heavy Harness Leather Skirts, Straight Stitched Round Edge Swinging Bearers, 1¼ in. Billets.

	Each
No. 50—4 in., 1¼ in. Bearers, Nickel Trimmed	**$ 8.00**
No. 51—4 in., 1¼ in. Bearers, Brass Trimmed	**8.00**
No. 55—5 in., 1½ in. Bearers, Nickel Trimmed	**10.00**
No. 56—5 in., 1½ in. Bearers, Brass Trimmed	**10.00**

Weight Each About 7 Pounds.

Kersey Lined Pad.

Japanned Seat, Plain Leather Jockey, Harness Leather Skirts and Facing, 1¼ in. Billets.

	Each
No. 60—4 in., 1¼ in. Bearers, Nickel Trimmed	**$8.00**
No. 61—4 in., 1¼ in. Bearers, Brass Trimmed	**8.00**
No. 65—5 in., 1½ in. Bearers, Nickel Trimmed	**9.50**
No. 66—5 in., 1½ in. Bearers, Brass Trimmed	**9.50**

Weight Each About 9 Pounds.

Nos. 60 to 66.

Halter Ties and Hitch Straps.

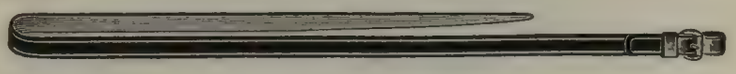
LEATHER

6½ to 7 ft. Long, with Metal Loops.

Nos.	50	51	52
Width, Inches	⅝	¾	⅞
Weight Per Dozen About, Lbs.	4	4½	5
Per Dozen	$5.80	7.60	9.10

6½ to 7 ft. Long, with Steel Spring Snap, Riveted on.

Nos.	62	63	64
Width, Inches	⅞	1	1¼
Weight Per Dozen About, Lbs.	6	6½	10½
Per Dozen	$9.10	11.10	15.10

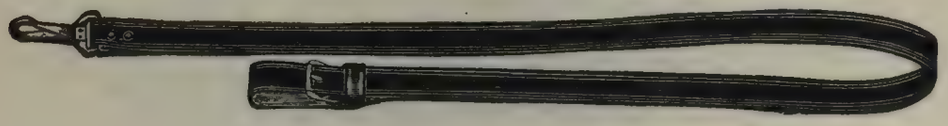


6½ to 7 ft. Long, with Buckle and Billet.

Nos.	65	66	67	68	69
Width, Inches	⅝	¾	⅞	1	1¼
Weight Per Dozen About, Lbs.	4	5	6	7½	10
Per Dozen	$8.00	8.90	10.65	12.50	16.00

Weight Straps.

LEATHER



Heavy, 6½ to 7 ft. Long, with Buckle, Billet and Snap.

Nos.	70	71
Width, Inches	1	1⅛
Weight Per Dozen About, Lbs.	10½	11½
Per Dozen	$15.80	18.70

Rope Halters.

Woven Sisal.

	Per Dozen
No. 25—With Heavy Sisal Lead	$4.40

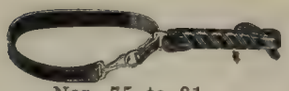
Weight Per Dozen About 9½ Pounds.

Red Sisal.

	Per Dozen
No. 30—⅝ in., Extra Heavy	$4.60

Weight Per Dozen About 13 Pounds.

Leather Neck Halters.



Nos. 75 to 81.

Harness Leather.

	Per Dozen
No. 75—1¼ in. Neck, with 1 in. Ties, without Bit Strap, Wt. Dozen About 13½ Lbs.	$22.70
No. 76—1½ in. Neck, with 1¼ in. Ties, without Bit Strap, Wt. Dozen About 18 Lbs.	27.75
No. 80—1¼ in. Neck, with 1 in. Ties, with Bit Strap, Wt. Per Dozen About 15 Lbs.	23.75
No. 81—1½ in. Neck, with 1¼ in. Ties, with Bit Strap, Wt. Per Dozen About 19 Lbs.	29.30

Web Halters.

Nos. 4½ and 9.

Fancy Color Web.

	Per Dozen
No. 4½—12 Cord, with Rope Tie	$4.00
No. 9 —Colt Size, 12 Cord, with Rope Tie	3.80

Weight Per Dozen About 7 Pounds.

Solid Color, Red, White or Blue Web.

	Per Dozen
No. 3W—Extra Large, Adjustable, 13 Cord, Web Chin and Throat Latch, with Rope Tie	$5.30

Weight Per Dozen About 8½ Pounds.

No. 3W.

Leather Cow, Colt and Pony Halters.

No. 4.

Riveted.

	Per Dozen
No. 4—Cow, 1 in., 2-Ring, Japanned Tubular Rivets, One Piece Crown, no Tie	$12.00

Weight Per Dozen About 10 Pounds.

5-Ring, Japanned Tubular Rivets.

	Per Dozen
No. 04—⅞ in., Colt, No Tie	$14.20
No. 5—1 in., Colt, Medium Size, No Tie	17.20
No. 6—1 in., Pony, Large Colt Size, No Tie	19.10

Weight Per Dozen About 17 Pounds.

Nos. 04 to 6.

Leather Horse Halters.

5-Ring, Japanned Tubular Riveted, No Ties.

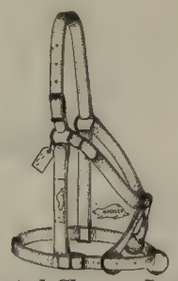
	Per Dozen
No. 1—1 in., Japan Trimmed	$17.30
No. 1—1¼ in., Japan Trimmed	21.10
No. 2—1 in., Japan Trimmed	21.60
No. 2—1¼ in., Japan Trimmed	26.70
No. 2—1½ in., Japan Trimmed	33.10
No. 8—1 in., 1¼ in. Crown, Japan Trimmed	22.75
No. 10—1¼ in., 1½ in. Crown, Japan Trimmed	28.40

Weight Per Dozen About 25 Pounds.

5-Ring, Coppered Tubular Riveted, with Lock Fast Snaps.

	Per Dozen
No. 11—1 in., Japanned Trimmed, No Ties	$21.90
No. 11—1¼ in., Japanned Trimmed, No Ties	27.30

Weight Per Dozen About 25½ Pounds.



Patented Chrome Leather.

	Per Dozen
No. 100—Tite Tied, 1¼ in., Doubled and Stitched	$28.90

The Tite Tied Halter will not break. The Loose Chin Construction is a very effective means of curing a horse of pulling on his halter.

Weight Per Dozen About 20 Pounds.

5-Ring, Extra Large, Coppered Tubular Riveted.

	Per Dozen
No. 22—1¼ in., Japanned Trimmed, Heavy Dexter Buckle, No Ties	$30.70

Weight Per Dozen About 26½ Pounds.

Coppered Tubular Riveted.

	Per Dozen
No. 7—1¼ in., Doubled and Stitched, Machine Riveted Laps, Snap Throat, Japanned Trimmed, No Ties	$21.30

Weight Per Dozen About 29 Pounds.

5-Ring, Heavy.

	Per Dozen
No. 3—1¼ in., Stitched Laps, with Snap Throats, No Tie	$28.70

Weight Per Dozen About 26½ Pounds

Team Horse Collars.

No. 15—Baker Plaid Duck Face, Black Split Leather Rim and Shoulder.

Size, Inches	16, 17, 18	19, 20, 21
Weight Each About, Lbs.	6	6½
Per Dozen	$20.00	21.10

Size, Inches	22	23
Weight Each About, Lbs.	7¼	7½
Per Dozen	$22.90	25.30

No. 18—Heavy Team, Heavy Ticking Face, White Duck Back, Split Leather Rim and Hame Chafe.

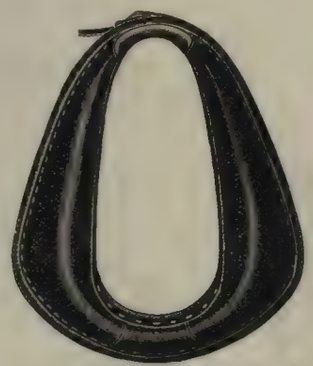
Size, Inches	16, 17, 18	19, 20, 21
Weight Each About, Lbs.	6½	7¼
Per Dozen	$22.65	24.00

Size, Inches	22	23
Weight Each About, Lbs.	8	8¼
Per Dozen	$25.90	28.20

No. 19—Heavy Team, Imitation Case, Hogskin Face, Black Split Leather Rim and Back, with Hame Chafe, Thong Sewed.

Size, Inches	16, 17, 18	19, 20, 21
Weight Each About, Lbs.	7¼	8¾
Per Dozen	$49.30	51.60

Size, Inches	22	23	24
Weight Each About, Lbs.	10	10½	11
Per Dozen	$57.50	60.00	65.30



No. 20—Medium Team, Imitation Case, All Black Kip Leather, with Hame Chafe, Thong Sewed.

Size, Inches	16, 17, 18	19, 20, 21
Weight Each About, Lbs.	6	6½
Per Dozen	$61.70	64.70

Size, Inches	22	23	24
Weight Each About, Lbs.	7¼	7½	7¾
Per Dozen	$68.80	72.20	79.20

No. 21—Medium Team, Imitation Case, Russet Face, Black Rim and Back, with Hame Chafe, Thong Sewed.

Size, Inches	16, 17, 18	19, 20, 21
Weight Each About, Lbs.	6	6½
Per Dozen	$72.20	75.50

Size, Inches	22	23	24
Weight Each About, Lbs.	7¼	7½	7¾
Per Dozen	$80.00	84.00	91.00

No. 22—Heavy Team, Imitation Case, Russet Face, Black Rim and Back, with Hame Chafe, Reinforced Throat, Thong Sewed.

Size, Inches	16, 17, 18	19, 20, 21
Weight Each About, Lbs.	6½	7¼
Per Dozen	$78.00	81.20

Size, Inches	22	23	24
Weight Each About, Lbs.	8	8¼	8¾
Per Dozen	$88.00	91.50	98.70

Team Horse Collars.

No. 23—Heavy Team, Imitation Case, Russet Face, Black Rim and Back, with Hame Chafe, Reinforced Throat, Thong Sewed.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¼		8¾
Per Dozen	$82.70		86.10
Size, Inches	22	23	24
Weight Each About, Lbs.	10	10½	10¾
Per Dozen	$93.30	96.70	103.50

No. 25—Extra Heavy Team, Imitation Case, Russet Face, Black Rim and Back, Whole Shoulder, Thong Sewed, Reinforced Throat, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¾		8¾
Per Dozen	$87.60		91.10
Size, Inches	22	23	24
Weight Each About, Lbs.	9¾	10¼	10½
Per Dozen	$98.00	101.60	108.60

CURLED HAIR TEAM

No. 27—Extra Heavy Team, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Genuine Curled Hair Face, with Inter Liner, Thong Sewed, Reinforced Throat, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¾		8¾
Per Dozen	$91.30		94.80
Size, Inches	22	23	24
Weight Each About, Lbs.	9¾	10¼	10½
Per Dozen	$101.80	105.30	112.40

No. 28—Extra Heavy, Blind Seam, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Genuine Curled Hair Face, with Inter Liner, Thong Sewed, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	9½		10¾
Per Dozen	$108.60		112.20
Size, Inches	22	23	24
Weight Each About, Lbs.	11½	11¾	12
Per Dozen	$119.10	122.70	129.70

No. 26—Double Extra Heavy Team, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Reinforced Throat, Thong Sewed, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	8½		9½
Per Dozen	$98.90		102.50
Size, Inches	22	23	24
Weight Each About, Lbs.	10½	10¾	11
Per Dozen	$109.40	112.90	120.00

No. 29—Heavy Team, Imitation Case, Russet Face, Black Rim and Shoulder, with Hame Chafe, Thong Sewed, Reinforced Throat, Hand Tufted Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¼		8¾
Per Dozen	$84.40		88.00
Size, Inches	22	23	24
Weight Each About, Lbs.	10	10½	10¾
Per Dozen	$94.70	98.60	105.30

Team Horse Collars.

No. 32—Extra Heavy, American Case, All Black Leather, Whole Shoulder, Hand Tufted and Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	9¼		10¼
Per Dozen	$124.80		128.20
Size, Inches	22	23	24
Weight Each About, Lbs.	11¼	11¾	12¼
Per Dozen	$135.20	138.70	145.80

No. 30—Extra Heavy Norman Style, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Thong Sewed, Reinforced Throat, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	8½		9½
Per Dozen	$98.90		102.50
Size, Inches	22	23	24
Weight Each About, Lbs.	10½	10¾	11
Per Dozen	$109.40	112.90	120.00

No. 33—Extra Heavy, Blind Seam, American Case, Russet Face, Whole Shoulder, Black Rim and Back, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	9		10
Per Dozen	$120.00		123.60
Size, Inches	22	23	24
Weight Each About, Lbs.	11	11½	12
Per Dozen	$130.50	133.90	141.00

No. 34—Extra Heavy Norman Style, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Genuine Curled Hair Faced and Interlined, Reinforced Throat, Thong Stitched Rim, Outside Ribbon Stitched, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	8½		9½
Per Dozen	$105.30		108.90
Size, Inches	22	23	24
Weight Each About, Lbs.	10½	10¾	11
Per Dozen	$116.00	119.50	126.60

No. 37—Extra Heavy Team, for Pinery Use, Blind Seam, Imitation Case, All Russet, Whole Shoulder, Full Ribbon Stitched, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	10		11¼
Per Dozen	$117.60		121.00
Size, Inches	22	23	24
Weight Each About, Lbs.	12	12½	13
Per Dozen	$128.00	131.60	138.70

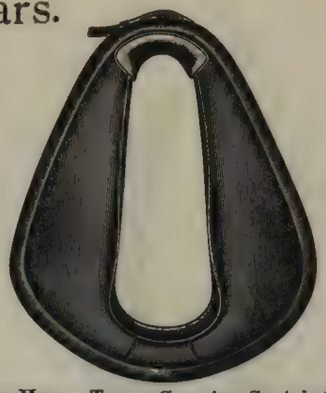
No. 38—Extra Heavy Team, American Case, Russet Face, Whole Shoulder, Black Rim and Back, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	9		10
Per Dozen	$114.70		118.20
Size, Inches	22	23	24
Weight Each About, Lbs.	11	11½	12
Per Dozen	$125.00	128.70	136.00

Team Horse Collars.

No. 35—Extra Heavy Team, Imitation Case, All Russet Leather, Whole Shoulder, Diamond Ribbon Stitched Rim, Outside Ribbon Stitched, with Flange, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¼		8½
Per Dozen	$89.00		93.30
Size, Inches	22	23	24
Weight Each About, Lbs.	9½	10	10½
Per Dozen	$100.00	104.00	110.70



No. 39—Extra Heavy Team, Genuine Scotch Case, Russet Face, Whole Shoulder, Genuine Curled Hair Faced, All Long Straw Stuffed Body and Rim, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	9¾		10¾
Per Dozen	$156.00		160.00
Size, Inches	22	23	24
Weight Each About, Lbs.	11¾	12¼	12½
Per Dozen	$167.20	170.80	178.00

No. 115—Medium Team, Imitation Case, Half Sweeney Style, Russet Face, Black Rim and Back, with Hame Chafe, Thong Sewed.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	6		6½
Per Dozen	$72.90		76.20
Size, Inches	22	23	24
Weight Each About, Lbs.	7¼	7½	7¾
Per Dozen	$81.30	84.90	92.00

No. 121—Heavy Team, Half Sweeney Style, Imitation Case, Russet Face, Black Rim and Back, with Hame Chafe, Thong Sewed, Reinforced Throat.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¼		8¾
Per Dozen	$82.70		86.10
Size, Inches	22	23	24
Weight Each About, Lbs.	9¾	10¼	10½
Per Dozen	$93.30	96.70	103.50

No. 123—Extra Heavy Team, Half Sweeney Style, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Thong Sewed, Reinforced Throat, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	7¾		8¾
Per Dozen	$87.60		91.10
Size, Inches	22	23	24
Weight Each About, Lbs.	9¾	10¼	10½
Per Dozen	$98.00	101.60	108.60

No. 125—Extra Heavy Team, Full Sweeney, Imitation Case, Russet Face, Whole Shoulder, Black Rim and Back, Thong Sewed, Reinforced Throat, Hand Finished Top.

Size, Inches	16, 17, 18		19, 20, 21
Weight Each About, Lbs.	9¾		10¾
Per Dozen	$117.30		120.70
Size, Inches	22	23	24
Weight Each About, Lbs.	11¾	12¼	12½
Per Dozen	$128.00	131.60	138.70

Buggy Horse Collars.

No. 201—Light Buggy, All Black, with Hame Chafe, Thread Sewed, Buckled Top.

Size, Inches	16, 17, 18	19, 20, 21	22
Weight Each About, Lbs.	3¾	4½	5¼
Per Dozen	$50.00	53.00	59.00

No. 202—Medium Buggy, Russet Face, Whole Shoulder, Thread Sewed, Hand Finished, Buckled Top.

Size, Inches	16, 17, 18	19, 20, 21	22
Weight Each About, Lbs.	3¾	4½	5¼
Per Dozen	$52.20	55.80	61.80

No. 203—Heavy Coach, All Black Leather, with Hame Chafe, Thread Sewed, Buckled Top.

Size, Inches	16, 17, 18	19, 20, 21	22
Weight Each About, Lbs.	5¼	6¼	7¼
Per Dozen	$54.20	57.30	63.50

No. 205—Heavy Coach, Russet Face, Whole Shoulder, Thread Sewed, Hand Finished, Buckled Top.

Size, Inches	16, 17, 18	19, 20, 21	22
Weight Each About, Lbs.	5¼	6¼	7¼
Per Dozen	$56.90	60.50	66.60

No. 206—Heavy Hack, Russet Face, Whole Shoulder, Thread Sewed, Hand Finished, Buckled Top.

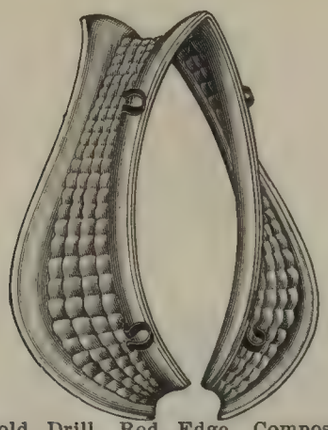
Size, Inches	16, 17, 18	19, 20, 21	22
Weight Each About, Lbs.	5¾	7¼	8
Per Dozen	$63.30	66.60	72.00

No. 207—Heavy Coach, Half Sweeney, Russet Face, with Hame Chafe, Buckled Top.

Size, Inches	16, 17, 18	19, 20, 21	22
Weight Each About, Lbs.	4½	5½	6½
Per Dozen	$58.50	62.20	68.50

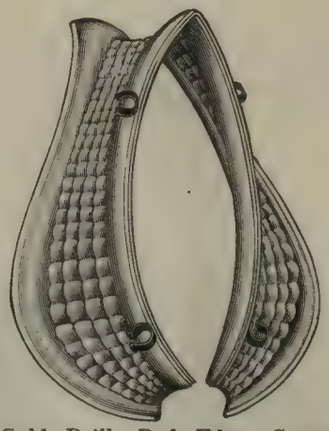
Sweat Pads.

DRILL



No. 46—Old Gold Drill, Red Edge, Composition Stuffing, 5 Rows of Quilting, 4 Hooks, **11 in. Draft.**

Size, Inches	18	19	20	21
Weight Per Dozen, Lbs.	20	22	24	26
Per Dozen	$5.80	6.00	6.20	6.50
Size, Inches	22	23	24	25
Weight Per Dozen, Lbs.	28	32	36	40
Per Dozen	$6.80	7.10	7.40	7.70



No. 47—Old Gold Drill, Red Edge, Composition Stuffing, 5 Rows of Quilting, 4 Hooks, **12 in. Draft.**

Size, Inches	19	20	21	22
Weight Per Dozen, Lbs.	23	25	27	30
Per Dozen	$6.30	6.50	6.80	7.10
Size, Inches		23	24	25
Weight Per Dozen, Lbs.		33	37	41
Per Dozen		$7.40	7.70	8.00

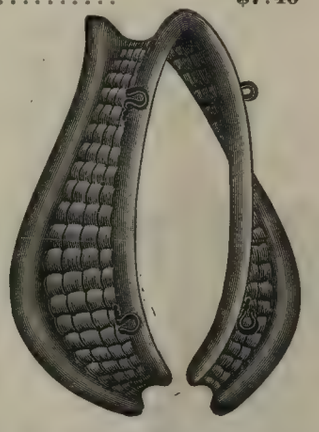
Two Dozen in a Sack.

Per Dozen

No. 35—Brown and White Drill, Composition Stuffing, 5 Rows of Quilting, 4 Hooks, **11 in. Draft**, Sizes 18 to 25 in. $6.60

No. 48—Brown and White Drill, Composition Stuffing, 4 Rows of Quilting, 4 Hooks, **12 in. Draft**, Size 19 to 25 in. 7.00

Weight Per Dozen About 28 Pounds.



Per Dozen

No. 40—Brown and White Drill, 50 Per Cent Deer Hair, 5 Rows of Quilting, 4 Hooks, **11 in. Draft**, Sizes 18 to 25 in. ..... $ 9.10

No. 42—Old Gold and White Drill, 100 Per Cent Deer Hair, 5 Rows of Quilting, 4 Hooks, **12 in. Draft**, Sizes 19 to 25 in. 13.00

Weight Per Dozen About 24 Pounds.

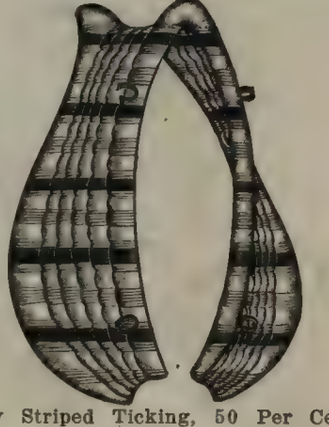
Two Dozen in a Sack.

Per Dozen

No. 10—**Feltless**, Old Gold Drill, Pinked Fawn Felt Edges, Composition Stuffing, 5 Rows of Quilting, 4 Hooks, **10 in. Draft**. $7.30

Sizes 18 to 25 in.

Weight Per Dozen About 24 Pounds.



Per Dozen

No. 55—Heavy Striped Ticking, 50 Per Cent Deer Hair, 5 Rows Quilting, 4 Hooks, **12 in. Draft** $12.00

No. 60—Heavy Striped Ticking, 100 Per Cent Deer Hair, 5 Rows Quilting, 4 Hooks, **12 in. Draft** 15.30

Sizes 19 to 25 in.

Weight Per Dozen About 25 Pounds.

Two Dozen in a Sack.

Sweat Pads.

FELT

Orange Color Felt.

	Per Dozen
No. 71—Extra Quality, 4 Hooks, 9 in. Draft	$8.00

Sizes 18 to 24 in.
Weight Per Dozen About 9 Pounds.

Samson, Natural Grey Color Fabric Felt.

	Per Dozen
No. 73—Reinforced Center, Fancy Stitching Around the Edge, 4 Hooks, 10 in. Draft	$10.00

Sizes 19 to 24 in.
Weight Per Dozen About 11 Pounds.

Sweat Pads.

SEW-IN

Enamel Drill.

	Per Dozen
No. 75—100 Per Cent Deer Hair, 2 Rows Hand Tufting, Welt on Front Edge for Sewing Through, 9 in. Draft	$10.90

Sizes 18 to 24 in.
Weight Per Dozen About 12½ Pounds.
Two Dozen in a Sack.

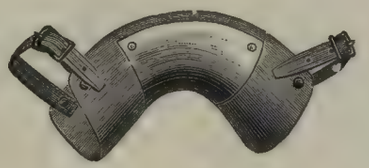
Collar Pads.

SOLE LEATHER

With Straps.

Nos.	2	3	4
Wt. Dz. Abt., Lbs.	4	4½	5
Per Dozen	$5.35	6.25	7.80
Nos.		5	6
Wt. Dz. Abt., Lbs.		6	7
Per Dozen		$9.10	10.00

BOSS



Zinc Lined.
Sole Leather, with Straps.

Nos.	03	04
Wt. Doz. About, Lbs.	6	6¼
Per Dozen	$9.10	9.80
Nos.	05	06
Wt. Doz. About, Lbs.	7½	8
Per Dozen	$11.90	12.60

Collar Pads.

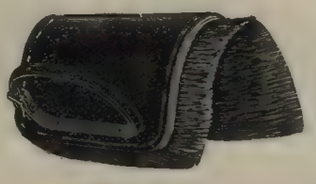
STAR ZINC

All Zinc, with Straps.

Nos.	6	6½	7	7½	8
Width, Inches	6	6½	7	7½	8
Wt. Per Dozen About, Lbs.	7	8	10	10½	11
Per Dozen	$7.65	7.65	7.65	9.80	9.80

Two Dozen in a Box.

DEER SKIN



With Straps.

Nos.	11	12
Size	Medium	Large
Inches	6x8	7x10
Weight Per Dozen About, Lbs.	6	7
Per Dozen	$9.30	12.20

Collar Pads.

CYCLONE BRIDGE

Per Dozen

No. 10—Cyclone Bridge Collar Pad, for Sore Neck Horses **$6.65**

Weight Per Dozen About 16 Pounds.

Open Stock.

BRIDGE

Per Dozen

No. 15—Bridge Collar Pad, for Sore Neck Horses..... **$15.60**

Weight Per Dozen About 28 Pounds.

Open Stock.

Collar Housings.

Heavy Harness Leather.

Per Pair

No. 04—8x15 in., Nickel Spotted **$3.60**
No. 05—8x15 in., Brass Spotted **3.60**

Weight Per Dozen Pairs About 1¾ Pounds.

Neck Housings.

Curled Hair.

Per Dozen

No. 25—7x10 in., Interwoven, with Strap..... **$8.30**

Weight Per Dozen About 4 Pounds.

One Dozen in a Bundle.

Breast Collar Housings.

Assorted Colors, with Straps.

Per Dozen

No. 50—3x36 in., Plain Felt **$4.20**
No. 55—3x36 in., Patent Leather Top, Perforated Felt **7.00**

Weight Per Dozen About 5½ Pounds.

One Dozen in a Package.

V-Shaped, with Straps.

Per Dozen

No. 57—3½x36 in., Patent Leather Top, Felt Bottom, Assorted Colors **$10.00**

Weight Per Dozen About 5½ Pounds.

Gig and Coach Housings.

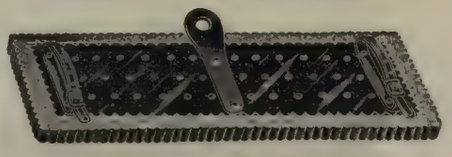
STAR, GLAZED TOP

Black Glazed Top of High Quality, Wool Tufted, Quilted with Fancy Colored Thread, Felt Bottom, in Assorted Colors, Pink Edge.

Nos.	60	61
Size, Inches	4½x14	4½x18
Weight Per Dozen About, Lbs.	4	4½
Per Dozen	$2.35	2.90

One Dozen in a Box.

PATENT LEATHER TOP



Medium Weight Felt, Assorted Colors, Patent Leather Top, Perforated.

Nos.	65	66
Size, Inches	4½x14	4½x18
Weight Per Dozen About, Lbs.	3½	4¼
Per Dozen	$3.15	4.25

One Dozen in a Box.

Gig and Coach Housings.

DOUBLE GRADUATED

Assorted Colors, Patent Leather Top, Beaded Edge.

Nos.	68	69
Inches	4½x15	4½x18
Weight Per Dozen About, Lbs.	6½	7½
Per Dozen	$8.40	9.80

One Dozen in a Box.

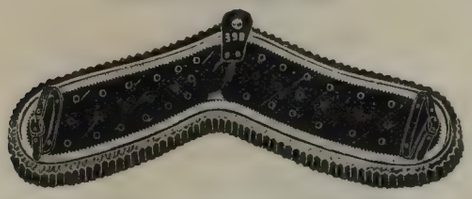
BRIDGE

Three Ply Felt in Assorted Colors, Patent Leather Top.

Nos.	70	72
Inches	4½x14	4½x18
Weight Per Dozen About, Lbs.	5½	7½
Per Dozen	$6.40	7.80

One Dozen in a Box.

FANCY SHAPED



Heavy Felt Bottom, Assorted Colors, Patent Leather, Shaped Top, Perforated, Bound with Buffing Leather in Assorted Colors, with Pink Edge.

No.	75
Inches	4½x18
Weight Per Dozen About, Lbs.	6
Per Dozen	$10.60

One Dozen in a Box.

WOOL FELT

Standard Weight Felt, Assorted Colors, Plain.

Nos.	80	81
Inches	4½x14	4½x18
Weight Per Dozen About, Lbs.	2¼	2¾
Per Dozen	$1.80	2.60

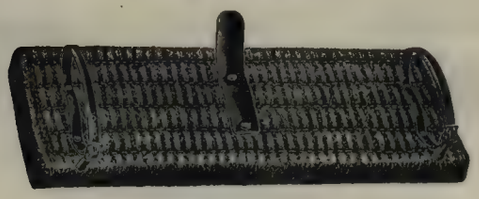
Heavy Felt, Assorted Colors, Plain.

Nos.	82	83
Inches	4½x14	4½x18
Weight Per Dozen About, Lbs.	2½	2¾
Per Dozen	$2.20	2.90

One Dozen in a Box.

Express Housings.

CURLED HAIR



Interwoven.

No.	84
Inches	6x20
Weight Per Dozen About, Lbs.	7¾
Per Dozen	$12.80

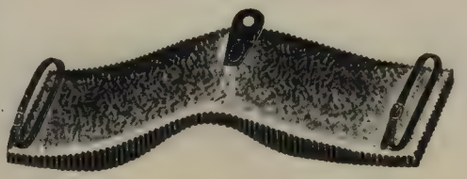
One Dozen in a Box.

WOOL FELT

Heavy Orange or Blue Felt, Pink Edge.

Nos.	85	86
Inches	4½x18	5x20
Weight Per Dozen About, Lbs.	4½	6
Per Dozen	$4.90	7.00

One Dozen in a Box.



Heavy Orange or Blue Felt, Double Graduated.

Nos.	87	88
Inches	4x20	5x20
Weight Per Dozen About, Lbs.	5¼	6¾
Per Dozen	$7.00	8.40

One Dozen in a Box.

High Top Concord Hames.

Nos. 5 to 10R.

Screw Bolt and Extra Back Strap Ring.

		Per Dozen Pairs
No. 5	—Oiled Damascus Finish, with Extra Back Strap Ring	$20.80
No. 6	—Oiled Damascus Finish, with Extra Back Strap Ring	21.50
No. 8	—Oiled Damascus Finish, with Extra Back Strap Ring	22.90
No. 8R	—Painted Red, with Extra Back Strap Ring	24.30
No. 10	—Oiled Damascus Finish, with Extra Back Strap Ring	27.10
No. 10R	—Painted Red, with Extra Back Strap Ring	28.50

Weight Per Dozen Pairs About 85 Pounds.

Dandy Ball Top Concord Hames.

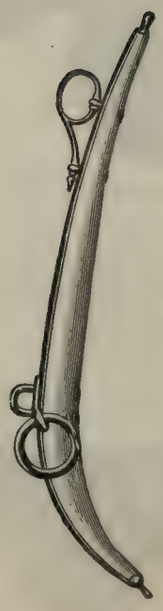
Nos. 6B to 10N.

Dandy Bolt, Combination Loop and Extra Back Strap Ring.

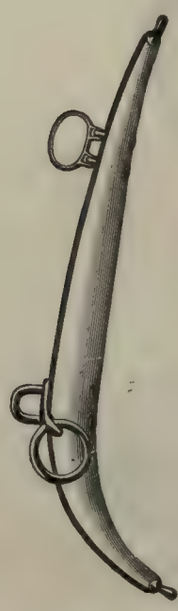
		Per Dozen Pairs
No. 6B	—Brass Long Spot, Painted Red, with Extra Back Strap Ring	$52.00
No. 6N	—Nickel Long Spot, Otherwise Same as No. 6B	55.00
No. 10B	—Brass Long Spot, Painted Red, with Extra Back Strap Ring	57.80
No. 10N	—Nickel Long Spot, Otherwise Same as No. 10B	61.00

Weight Per Dozen Pairs About 90 Pounds.

Low Top Wood Hames.



No. 08 Coach.

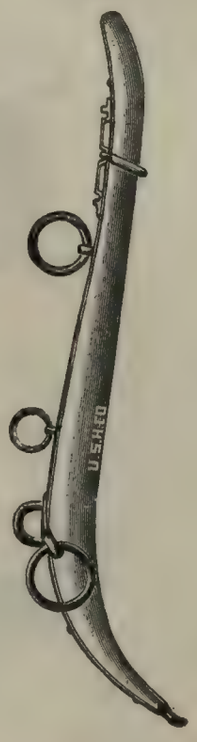


No. 175 Team.

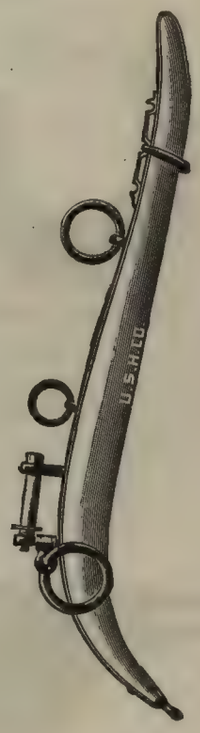
		Per Dozen Pairs
No. 08	—Oval Iron Wood Coach Clip Hames, XC Long Spot, Sizes 17 to 21 in	$15.25
No. 175	—Low Top Team Clip Hames, XC Long Spot, Iron Over Top. Sizes 18 to 21 in	13.40

Weight Per Dozen Pairs About 40 Pounds.

High Top Wood Hames.



No. 460 Clip.



No. 0460 Screw Bolt.

		Per Dozen Pairs
No. 460	—Steel Over Top Clip Hames, XC Long Spot, Painted Black, Combination Loops	$14.00
No. 0460	—Steel Over Top Screw Bolt Hames, XC Long Spot, Painted Black, with Extra Back Strap Ring, Combination Loops	16.90

Weight Per Dozen Pairs About 55 Pounds.

Iron Gig Hames.

No. 25.

	Per Pair
No. 25—Full Japanned, Band Terrets, London Draft Eye, 3½ Lbs., Sizes 16 to 21 in.	$0.65
No. 35—Japanned, O Spot Nickel Swedge Terrets and Bell Draft Eye, 3½ Lbs., Sizes 17 to 22 in.	1.45
No. 40—Japanned, O Spot Imitation Rubber Gilt Lined Swedge Terrets and Bell Draft Eye, 3½ Lbs., Sizes 17 to 22 in.	1.45
No. 41—Japanned, O Spot Brass Swedge Terrets and Bell Draft Eye, 3½ Lbs., Sizes 17 to 22 in.	1.45

Weight Per Pair About 3½ Pounds.

Nos. 35, 40 and 41.

Hame Balls.

GLOBE

	Per Dozen Pairs
No. 60—1 in., Brass	$6.60
No. 100—1⅛ in., Brass	7.80
No. 060—1 in., Nickel	7.30
No. 0100—1⅛ in., Nickel	8.90

Weight Per Dozen Pairs About 2 Lbs.

One Dozen Pairs in a Box.

DANDY

	Per Dozen Pairs
No. 6—1 in., Brass	$13.40
No. 10—1⅛ in., Brass	14.20
No. 06—1 in., Nickel	14.20
No. 010—1⅛ in., Nickel	15.00

Weight Per Dozen Pairs About 2½ Lbs.

One Dozen Pairs in a Box.

Trotting Rolls.

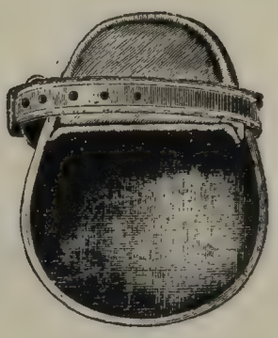
Leather Strap.

	Per Dozen
No. 50—Assorted Sizes, Rubber Rolls	$3.40

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box.

Interfering Boots.



Russet Leather.

	Per Dozen
No. 25—Single	$2.70

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Black Leather.

	Per Dozen
No. 30—Heavy Blue Felt Lined, Rawhide Strap	$3.70

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.

Interfering Boots.

Russet Leather.

	Per Dozen
No. 35—Felt Lined, Chamois Bound	$5.80

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.

Russet Leather.

	Per Dozen
No. 40—Dan Patch, Calf Lined and Wrapper	$8.50

Weight Per Dozen About 2¾ Pounds.

One Dozen in a Box.

Russet Leather.

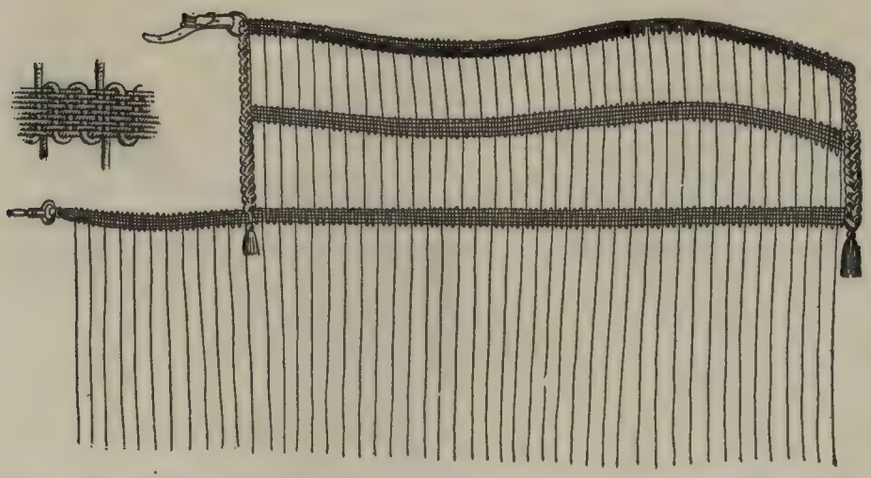
	Per Dozen
No. 45—Glad Hand, Brown Wool Felt Wrapper, Reinforced with Calfskin	$6.70

Weight Per Dozen About 2¾ Pounds.

One Dozen in a Box.

Patent Fly Nets.

HEAVY TEAM



Best Quality Hard Laid Seine Twine.

	Per Dozen
No. 100—5 Heavy Patent Braided Bars, 60 Heavy Lashes, Body and Breast All White	$41.70
No. 101—5 Heavy Patent Braided Bars, 60 Heavy Lashes, Body and Breast, Colors **Black** or **Butternut**	42.80
No. 102—Extra Heavy, 5 Patent Braided Extra Wide Bars, 55 Extra Heavy Lashes, Body and Breast, All White	47.80
No. 103—Extra Heavy, 5 Patent Braided Extra Wide Bars, 55 Extra Heavy Lashes, Body and Breast, Colored Assorted Patterns	48.90

Weight Per Dozen About 47 Pounds.

No. 104—Extra Heavy, 5 Patent Braided Extra Wide Bars, 60 Extra Heavy Lashes, Body and Breast, All White..... 51.10
No. 105—Extra Heavy, 5 Patent Braided Extra Wide Bars, 60 Extra Heavy Lashes, Body and Breast, Colored Assorted Patterns 52.20

Weight Per Dozen About 49 Pounds.

TEAM

Hard Twisted Cotton Net Twine, 5 Patent Braided Bars.

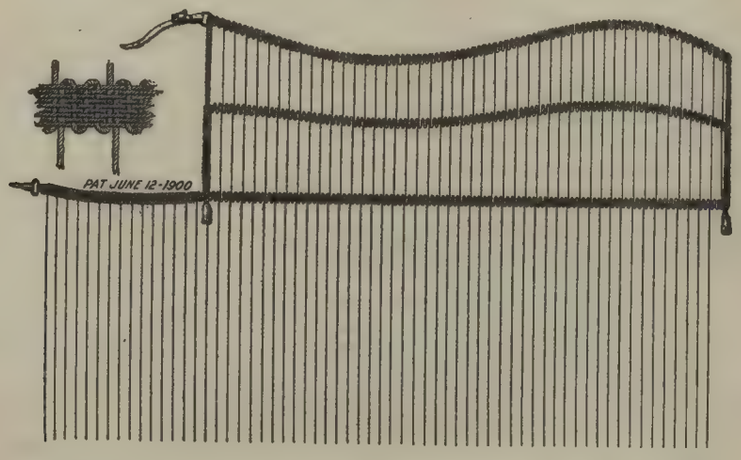
	Per Dozen
No. 107—50 Heavy Lashes, Body and Breast, Colored Assorted Patterns, Weight Per Dozen About 33 Lbs	$35.00
No. 108—60 Heavy Lashes, Body and Breast, Colored Assorted Patterns, Weight Per Dozen About 41 Lbs	40.00
No. 109—72 Heavy Lashes, Body and Breast, Colored Assorted Patterns, Weight Per Dozen About 46 Lbs	43.90

WATERPROOF HEAVY TEAM

Hard Twisted Cotton Net Twine, 5 Patent Waterproof Braided Bars.

	Per Dozen
No. 117—50 Heavy Waterproof Lashes, Body and Breast, All Black, Weight Per Dozen About 58 Lbs	$50.00
No. 118—60 Heavy Waterproof Lashes, Body and Breast, All Black, Weight Per Dozen About 66 Lbs	54.50

BUGGY



Hard Twisted Best Quality Seine Twine, 5 Patent Braided Bars.

	Per Dozen
No. 110—60 Lashes, Body and Breast, Colors Gold, Black or Brown	$30.00
No. 111—70 Lashes, Body and Breast, Colors Gold, Black or Brown	33.90

Weight Per Dozen About 25 Pounds.

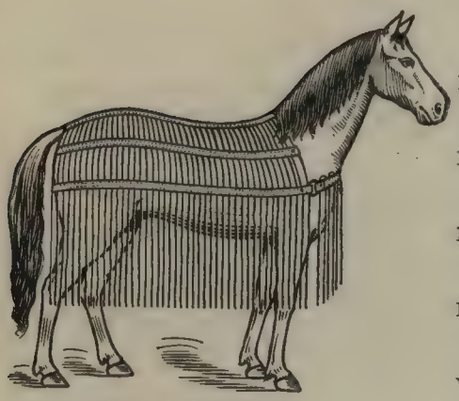
GLAZED CORD OR SHOE STRING BUGGY

Black.

	Per Dozen
No. 113—60 Lashes, 5 Black Leather Bars, Body and Breast, Weight Per Dozen About 10 Lbs	$28.90
No. 114—75 Lashes, 5 Black Leather Bars, Body and Breast, Weight Per Dozen About 11 Lbs	32.20
No. 115—90 Lashes, 5 Black Leather Bars, Body and Breast, Weight Per Dozen About 12 Lbs	35.60

Fly Nets.

CORD TEAM

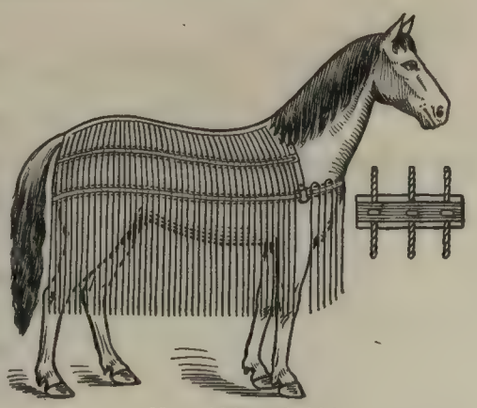


Nos. 122 to 127.

Body and Breast.

	Per Dozen
No. 120—Heavy Golden Brown Cord, 5 Braided Bars, 55 Heavy Cord Lashes	$28.20
No. 121—Heavy Black Cord, 5 Braided Bars, 55 Heavy Cord Lashes	28.20
No. 122—5 Double Web Sewed Bars, 50 Medium Butternut Cord Lashes	28.65
No. 123—5 Double Web Sewed Bars, 60 Medium Butternut Cord Lashes	31.35

Weight Per Dozen About 30 Pounds.



Nos. 130 and 131.

	Per Dozen
No. 125—5 Double Web Sewed Bars, 60 Heavy Butternut Cord Lashes, Weight Per Dozen About 39 Lbs.	$36.00
No. 126—5 Double Web Sewed Bars, 72 Heavy Butternut Cord Lashes, Weight Per Dozen About 45 Lbs.	39.50
No. 127—5 Double Web Sewed Bars, 100 Heavy Butternut Cord Lashes, Weight Per Dozen About 55 Lbs.	51.10
No. 130—5 Heavy Leather Bars, 55 Heavy Butternut Cord Lashes, Weight Per Dozen About 38 Lbs.	28.50
No. 131—5 Heavy Leather Bars, 60 Heavy Butternut Cord Lashes, Weight Per Dozen About 47 Lbs.	36.70

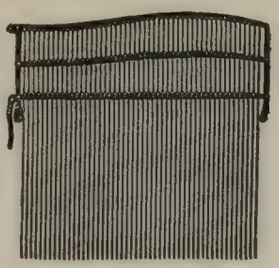
ROUND LEATHER BUGGY

Body and Breast Net.

Round Leather Body and Breast, 5 Bars, Two Braided Ends.

	Per Dozen
No. 140— 50 Lashes, 7½ ft. Long	$44.40
No. 141— 60 Lashes, 7½ ft. Long	50.70
No. 142— 75 Lashes, 8 ft. Long	60.00
No. 143— 90 Lashes, 8 ft. Long	66.70
No. 144—100 Lashes, 8 ft. Long	71.70

Weight Per Dozen About 20 Pounds.



Flank Net.

Extra Heavy Round Leather, Body and Breast.

	Per Dozen
No. 146—5 Bars, 60 Lashes, Weight Per Dozen About 17 Lbs.	$67.80
No. 147—5 Bars, 72 Lashes, Weight Per Dozen About 20 Lbs.	75.50
No. 148—5 Bars, 90 Lashes, Weight Per Dozen About 23 Lbs.	85.50

Round Leather, Flank.

	Per Dozen
No. 150—5 Bars, 40 Lashes, Two Braided Ends, Weight Per Dozen About 7 Lbs.	$32.00
No. 151—5 Bars, 50 Lashes, Two Braided Ends, Weight Per Dozen About 9 Lbs.	36.00
No. 154—5 Bars, 60 Lashes, Two Braided Ends, Weight Per Dozen About 11 Lbs.	41.30

ROUND LEATHER EXPRESS

	Per Dozen
No. 160—5 Bars, 50 Lashes, Body and Breast, Weight Per Dozen About 15 Lbs.	$60.70
No. 161—5 Bars, 60 Lashes, Body and Breast, Weight Per Dozen About 19 Lbs.	68.90
No. 162—5 Bars, 70 Lashes, Body and Breast, Weight Per Dozen About 45 Lbs.	74.50

HEAVY UPPER LEATHER TEAM

	Per Dozen
No. 165—48 Lashes, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 44 Lbs.	$ 93.30
No. 166—55 Lashes, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 50 Lbs.	104.00
No. 167—60 Lashes, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 53 Lbs.	111.50

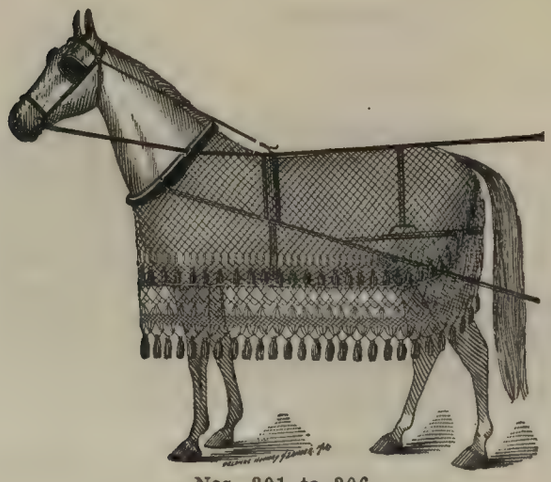
EXTRA HEAVY UPPER LEATHER TEAM

	Per Dozen
No. 168—55 Lashes, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 75 Lbs.	$107.80
No. 169—60 Lashes, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 63 Lbs.	115.50

Extra Heavy Upper, Extra Deep and Large, ⅞ in. Bars.

	Per Dozen
No. 170—60 Lashes, 8 ft. Long, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 69 Lbs.	$125.70
No. 171—70 Lashes, 8 ft. Long, Body and Breast, 5 ⅞-in. Bars, with Snap and Ring, Weight Per Dozen About 75 Lbs.	139.10

Fly Nets.



Nos. 201 to 206.

SEINE TWINE MESH BUGGY

Body and Breast.

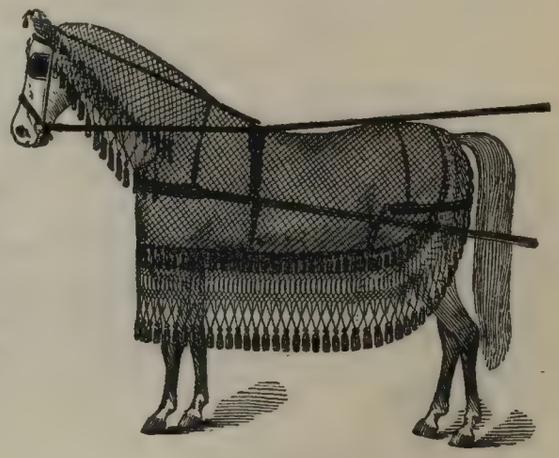
	Per Dozen
No. 201—Fine Mesh, Two Rows Tassels, Pattern Black Body and Tassels	$26.65
No. 202—Fine Mesh, Two Rows Tassels, Pattern Gold Body, Gold Tassels	26.65
No. 203—Fine Small Mesh, Extra Quality, One Row Tassels, Pattern White Body, White Tassels	34.00
No. 204—Fine Small Mesh, Extra Quality, One Row Tassels, Pattern Black Body, Black Tassels	34.00
No. 205—Fine Small Mesh, Extra Quality, One Row Tassels, Pattern Black Body, White Tassels	35.60
No. 206—Fine Small Mesh, Extra Quality, One Row Tassels, Pattern Green Body, Lemon Tassels	35.60

Weight Per Dozen About 15 Pounds.

Body and Head. (Two Parts.)

	Per Dozen
No. 207—Fine Mesh, One Row Tassels, Pattern Gold Body, Gold Tassels	$28.00
No. 208—Fine Mesh, One Row Tassels, Pattern Black Body, Black Tassels	28.00
No. 209—Fine Mesh, Two Rows Tassels, Pattern Black Body, Black Tassels	35.60
No. 210—Fine Mesh, Two Rows Tassels, Pattern Gold Body, Gold Tassels	35.60
No. 211—Fine Mesh, Two Rows Tassels, Pattern Gold Top and Bottom, Green Tassels	33.30
No. 212—Fine Mesh, Two Rows Tassels, Pattern Black Top and Bottom, White Center, White Tassels	33.30

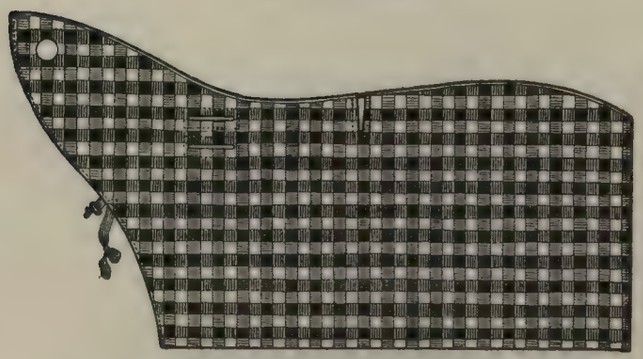
Weight Per Dozen About 17 Pounds.



Nos. 207 to 212.

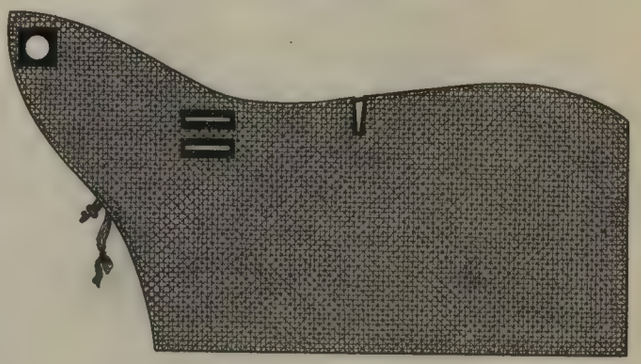
Fly Covers.

FANCY PLAID



	Per Dozen
No. 30—Baker Plaid Cloth, Duck Trimmed, 90 in., Weight Per Dozen About 11 Lbs	$13.90
No. 31—Baker Plaid Cloth, Duck Trimmed, 100 in., Weight Per Dozen About 12 Lbs	15.00
No. 32—Black and Orange Checker Plaid, Duck Trimmed, 90 in., Weight Per Dozen About 13 Lbs	17.00
No. 33—Black and Orange Checker Plaid, Duck Trimmed, 100 in., Weight Per Dozen About 17 Lbs	18.35

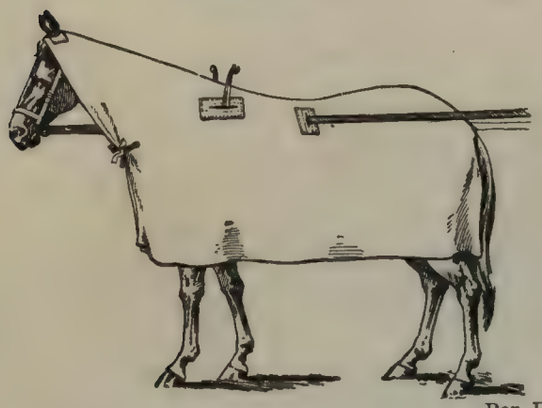
BRUSSELS STYLE



	Per Dozen
No. 34—Heavy Quality, Buff Color, 90 in., Weight Per Dozen About 17 Lbs	$20.40
No. 35—Heavy Quality, Buff Color, 100 in., Weight Per Dozen About 19 Lbs	22.20
No. 36—Extra Heavy Quality, Buff Color, 90 in., Weight Per Dozen About 21 Lbs	23.60
No. 37—Extra Heavy Quality, Buff Color, 100 in., Weight Per Dozen About 24 Lbs	26.10
No. 38—Extra Heavy Quality, Buff Color, Buff Bars, Red and Green Stripes, 90 in., Weight Per Dozen About 24 Lbs	25.80
No. 39—Extra Heavy Quality, Buff Color, Buff Bars, Red and Green Stripes, 100 in., Weight Per Dozen About 24 Lbs	27.80

Fly Covers.

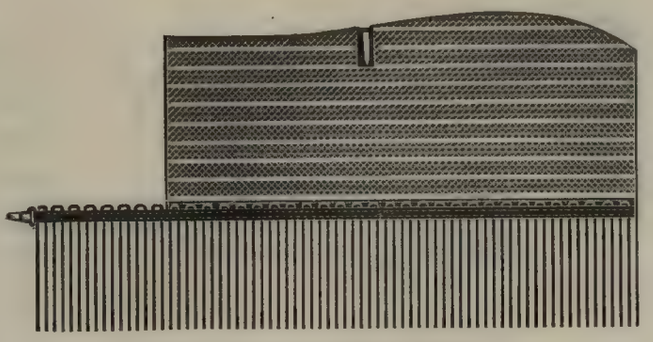
BURLAP



	Per Dozen
No. 40—90 in., Plain Burlap, Duck Trimmed Ear, Hame and Terret Holes, Weight Per Dozen About 23 Lbs.	$10.70
No. 41—100 in., Plain Burlap, Duck Trimmed Ear, Hame and Terret Holes, Weight Per Dozen About 24 Lbs.	12.00
No. 42—90 in., Heavy, Plain Burlap, Duck Trimmed Ear, Hame, Line Ring and Terret Holes, Weight Per Dozen About 23 Lbs.	12.80
No. 43—100 in., Heavy, Plain Burlap, Duck Trimmed, Ear, Hame, Line Ring and Terret Holes, Weight Per Dozen About 26 Lbs.	14.20
No. 44—90 in., Heavy White Striped Osnabury, Ear, Hame, Line Ring and Terret Holes, Weight Per Dozen About 17 Lbs.	14.70
No. 45—100 in., Heavy White Striped Osnabury, Ear, Hame, Line Ring and Terret Holes, Weight Per Dozen About 19 Lbs.	16.00

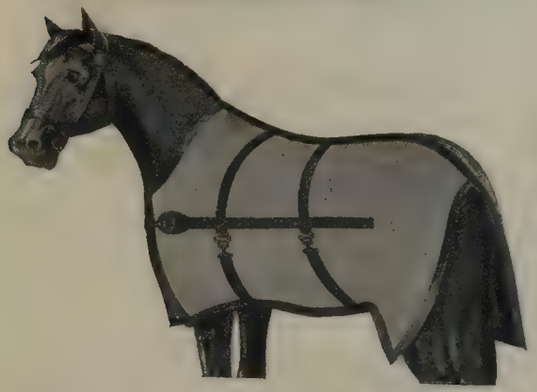
Combination Fly Covers.

NETTING



Heavy Black and White Netting.

	Per Dozen
No. 55—80 in., Heavy Black and White Netting Back, with Team Cord Lashes, **Body and Breast**, Weight Per Dozen About 28 Lbs.	$30.60
No. 55—100 in., Heavy Black and White Netting Back, with Team Cord Lashes, **Body and Head**, Weight Per Dozen About 36 Lbs.	35.00



Stable Sheets.

With Two Surcingles.

	Each
No. 70—72 in., Heavy Plain Burlap, Weight Each About 3 Lbs.	$1.55
No. 71—72 in., Heavy Mangled Burlap, Well Stayed, Wide Surcingles, Leather Strap, Weight Each About 3 Lbs.	2.00
No. 72—76 in., Heavy Mangled Burlap, Well Stayed, Wide Surcingles, Leather Strap, Weight Each About 3¼ Lbs.	2.00
No. 73—80 in., Heavy Mangled Burlap, Well Stayed, Wide Surcingles, Leather Strap, Weight Each About 3½ Lbs.	2.00
No. 74—76 or 80 in., Heavy White Duck, Well Stayed, Wide Surcingles, Leather Strap, Weight Each About 3 Lbs.	2.35
No. 75—76 or 80 in., Heavy Brown Duck, Well Stayed, Wide Surcingles, Leather Strap, Weight Each About 3 Lbs.	2.35
No. 76—76 in., Fine Blue and White Check Plaid Cloth, Well Stayed, Wide Surcingles, Weight Each About 2 Lbs.	2.45

Cattle Covers.

One Body and Two Leg Surcingles.

	Per Dozen
No. 24—Plain Burlap, Assorted Sizes, Medium, Large and Extra Large	$18.20
No. 25—Heavy Brown Duck, Assorted Sizes, Medium, Large and Extra Large	24.00

Weight Per Dozen About 25 Pounds.

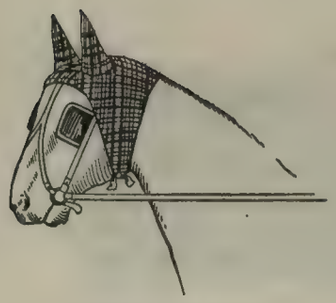
Wagon Umbrellas.

Complete with Seat Iron Attachments.

	Each
No. 38—Six 38 in. Oil Tempered Steel Ribs, Strong Frame, Covered with Heavy Blue, Green or Buff Color Drill	$2.75

Weight Each About 7½ Pounds.

Cloth Hoods and Ear Tips.



Nos. 10, 12 and 14.

No. 15.

Nos. 18, 19 and 20.

	Per Dozen
No. 10—Ear Tips, Assorted Patterns, Fancy Plaid Cloth, with Tie Strings	$ 2.00
No. 12—Ear Tips, with Short Neck Hood, Assorted Patterns, Fancy Cloth, with Tie Strings	3.55
No. 14—Ear Tips, with Short Neck Hood, Brussel Styles Netting Cloth, with Tie Strings	3.20
No. 15—Long Neck Hood, Fancy Check Plaid	4.90
No. 18—White Mesh Hand Knit Ear Tips	4.70
No. 19—White or Black Shell Hand Knit Ear Tips	10.00
No. 20—White or Black Double Covered Fancy Knit Deep Shell Bottom Ear Tips	20.00

Weight Per Dozen About 3 Pounds.

Lap Dusters.

SUMMER

Plain Momie.

	Each
No. 12—Green and White Striped Border, Tan Center	$0.50
No. 21—Neat Jacquard Design Border, Brown and White Center	1.00
No. 25—Fancy Tan and Brown Border, Green Center	1.10
No. 33—Green and Gold Border, Gold and Wine Basket Weave Center	1.20
No. 38—Very Neat, Plain Drab Basket Weave, Momie Cloth	1.10
No. 46—Heavy Brown and Drab Basket Weave, Momie Cloth	1.35
No. 56—Neat Plain Seal Brown Center and Border	1.45
No. 58—Light Green Fancy Border, Jacquard Design Center	1.55
No. 62—Fancy Jacquard Border, Plain Grey Center	1.90

EMBROIDERED MOMIE CLOTH DUSTERS

	Each
No. 112—Green and White Striped Border, Tan Center with Embroidered Scroll Center	$0.60
No. 121—Brown and White Center with Fancy Embroidered Flower, Fancy Design Border	1.20
No. 125—Tan and Brown Border, Green Center, with Embroidered Spray in Center	1.45
No. 133—Gold and Brown Border, Gold and Wine Basket Weave Center, with Embroidered Rose and Bud in Center	1.75
No. 138—Plain Drab Basket Weave Momie Cloth with Embroidered Flower and Green Leaves in Center	1.65
No. 146—Brown and Drab Basket Weave Momie Cloth, with Large Embroidered Bouquet in Center	2.00
No. 156—Plain Seal Brown, with Fancy Embroidered Center Design	2.20
No. 158—Light Green Fancy Border, Fancy Design Center, with Large Embroidered Flower in Center	2.45
No. 162—Fancy Jacquard Border, Plain Grey Center, with Large Embroidered Rose in Center	2.55

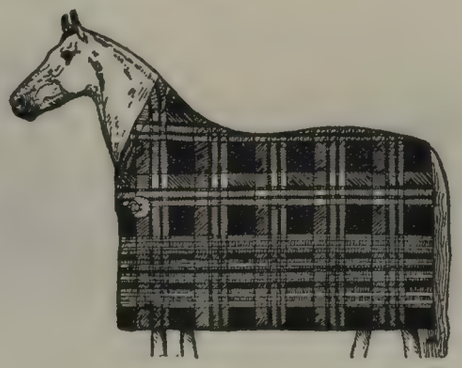
WHIP CORD LAP DUSTERS

	Each
No. 80—Whip Cord, Plain Drab, Herring Bone Weave	$1.10
No. 81—Whip Cord, Plain Drab, with Black and White Plaid Back	1.35
No. 82—Whip Cord, Heavy Plain Drab, Double Hem Edge	1.55
No. 83—Whip Cord, Heavy Dark Grey, Double Hem Edge	1.55

BROADCLOTH DUSTERS

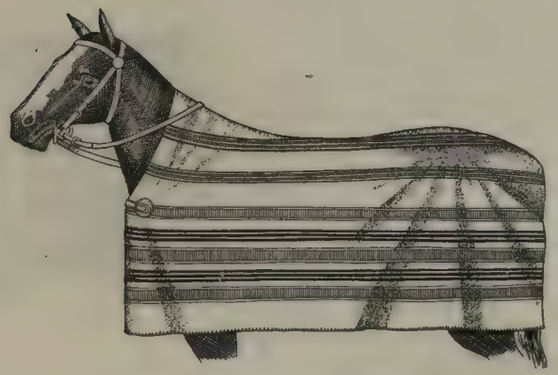
	Each
No. 170—Plain Green Cloth, Hemmed Edge	$1.75
No. 171—Plain Blue Cloth, Hemmed Edge	1.75
No. 172—Extra Plain Green Cloth, Hemmed Edge	2.45

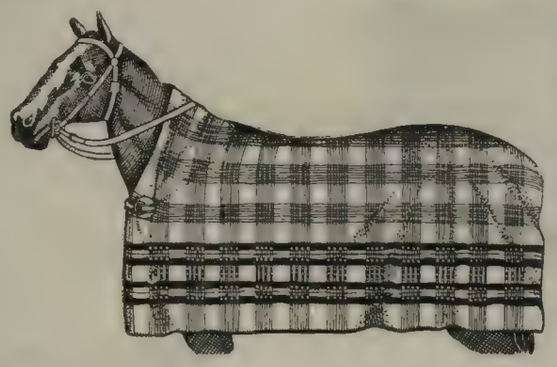
Square Horse Blankets.



	Each
No. 100—76 in., Grey Ground Body, Black, Red and Grey Striped Border, Weight Each About 3½ Lbs.	$1.65
No. 102—80x84 in., Grey Ground Body, Brown, Green and Red Wide Striped Border, Weight Each About 6 Lbs.	2.55
No. 105—84x90 in., 8 Lb. Extra Heavy Grey Striped Body, Wide Red, White and Fawn Striped Border, Weight Each About 8 Lbs.	3.60
No. 110—80x84 in., Fancy Tan, Grey and Red Block Plaid, Weight Each About 6 Lbs.	3.10
No. 112—84x90 in., Fancy Tan, Grey and Red Block Plaid, Weight Each About 7 Lbs.	3.80

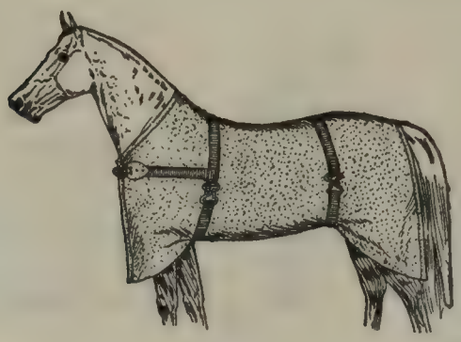
Woolen Square Horse Blankets.

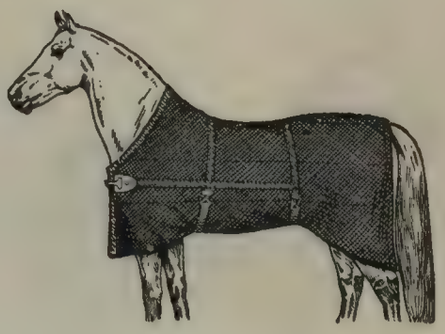




	Each
No. 115—80x84 in., 6 Lb. Grey Mixed Wool Body, Fancy Black, Red and Green Striped Border	$ 3.80
No. 116—84x90 in., 7 Lb. Grey Mixed Wool Body, Fancy Black, Red and Green Striped Border	4.70
No. 117—80x84 in., 6 Lb. Tan Grey Body, Wide Red, Green and Black Striped Border	4.45
No. 118—84x90 in., 7 Lb. Tan Grey Body, Wide Red, Green and Black Striped Border	5.55
No. 119—80x84 in., 6 Lb. Neat Grey Striped Body, Wide Red and White Border	5.10
No. 0119—84x90 in., 7 Lb. Neat Grey Striped Body, Wide Red and White Border	6.00
No. 120—80x84 in., 6 Lb. Solid Blue Body, Grey Reverse, Fancy Fawn, Red and White Border	5.55
No. 121—84x90 in., 7 Lb. Solid Blue Body, Grey Reverse, Fancy Fawn, Red and White Border	6.60
No. 122—90x96 in., 9 Lb. Solid Blue Body, Grey Reverse, Fancy Fawn, Red and White Border	8.20
No. 123—80x84 in., 6 Lb. Brown Face, Grey and Green Block Weave Plaid	5.80
No. 124—84x90 in., 7 Lb. Brown Face, Grey and Green Block Weave Plaid	6.70
No. 125—80x84 in., 6 Lb. Fine Wine, Blue and White Drop Box Plaid, Neat Striped Border	6.50
No. 126—84x90 in., 7 Lb. Fine Wine, Blue and White Drop Box Plaid, Neat Striped Border	7.60
No. 127—80x84 in., 6 Lb. Fine Blue and Red, Novelty Neat Box Woven Plaid	6.50
No. 128—84x90 in., 7 Lb. Fine Blue and Red Novelty Neat Box Woven Plaid	7.60
No. 130—80x84 in., 6 Lb. Superfine Blue, Wine, White and Green Drop Box Plaid	9.20
No. 131—84x90 in., 7 Lb. Superfine Blue, Wine, White and Green Drop Box Plaid	10.90

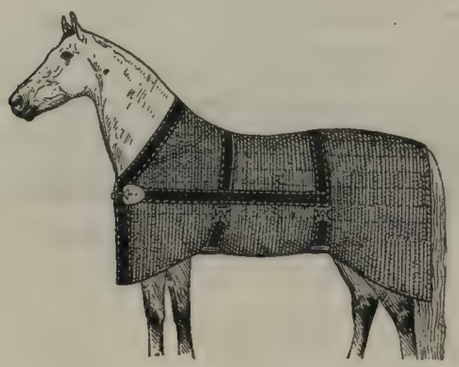
Stable Blankets.

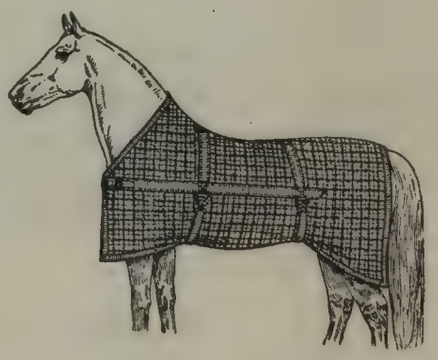




Heavy Plain Burlap.

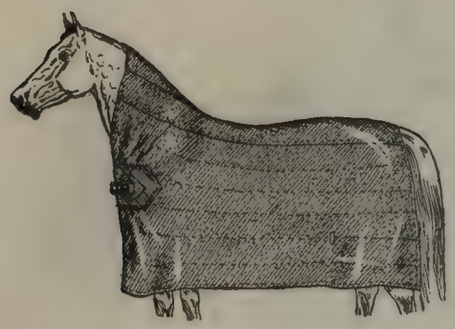
	Each
No. 200—72 in., ¾ Wool Lined, 2 Surcingles, Weight Each About 4¼ Lbs.	$2.20
No. 205—72 in., Full Wool Lined, 2 Surcingles, Weight Each About 4½ Lbs.	2.50
No. 206—76 in., Full Wool Lined, 2 Surcingles, Weight Each About 4¾ Lbs.	2.70
No. 207—80 in., Full Wool Lined, 2 Surcingles, Weight Each About 5 Lbs.	2.80
No. 210—76 in., Full Fancy Stripe Lined, Well Stayed, 2 Wide Surcingles, Weight Each About 5½ Lbs.	3.00
No. 211—80 in., Full Fancy Stripe Lined, Well Stayed, 2 Wide Surcingles, Weight Each About 5¾ Lbs.	3.10
No. 215—76 in., Full Kersey Lined, Rope and Faced Neck, Well Stayed, 2 Wide Surcingles, Weight Each About 6¾ Lbs.	3.40
No. 216—80 in., Full Kersey Lined, Rope and Faced Neck, Well Stayed, 2 Wide Surcingles, Weight Each About 7¼ Lbs.	3.50

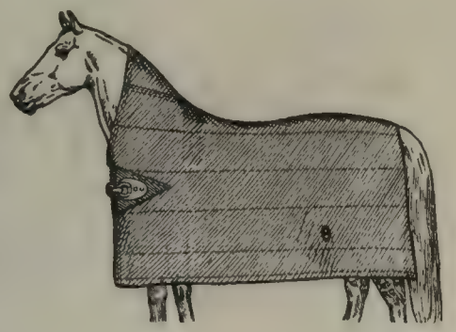




	Each
No. 220—72 in., Heavy Brown Duck, Full Wool Lined, 2 Surcingles, Weight Each About 4 Lbs.	$2.60
No. 221—76 in., Heavy Brown Duck, Full Wool Lined, 2 Surcingles, Weight Each About 4¼ Lbs.	2.70
No. 225—76 in., Heavy Brown Duck, Full Wool Lined, 20 Rows Stitching, Well Stayed, 2 Wide Surcingles, Weight Each About 4¾ Lbs.	3.00
No. 226—80 in., Heavy Brown Duck, Full Wool Lined, 20 Rows Stitching, Well Stayed, 2 Wide Surcingles, Weight Each About 5 Lbs.	3.10
No. 230—76 in., Heavy Brown Duck, Full Kersey Lined, 20 Rows Stitching, Rope and Faced Neck, Well Stayed, 2 Wide Surcingles, Weight Each About 6 Lbs.	3.40
No. 231—80 in., Heavy Brown Duck, Full Kersey Lined, 20 Rows Stitching, Rope and Faced Neck, Well Stayed, 2 Wide Surcingles, Weight Each About 6¼ Lbs.	3.50
No. 235—72 in., Fancy Brown Plaid Kersey Fabric, 2 Wide Surcingles, Weight Each About 4¼ Lbs.	2.70
No. 236—76 in., Fancy Brown Plaid Kersey Fabric, 2 Wide Surcingles, Weight Each About 4¾ Lbs.	2.70
No. 240—76 in., Fancy Blue and Green Plaid Kersey Fabric, Fancy Web Trimmed, 2 Wide Surcingles, Weight Each About 5½ Lbs.	2.80
No. 241—80 in., Fancy Blue and Green Plaid Kersey Fabric, Fancy Web Trimmed, 2 Wide Surcingles, Weight Each About 6 Lbs.	2.80
No. 245—72 in., Extra Heavy White Duck, Fancy Woven Lining, Fancy Trimmed, 20 Rows Stitching, 2 Wide Surcingles, Weight Each About 5¼ Lbs.	3.70
No. 246—76 in., Extra Heavy White Duck, Fancy Woven Lining, Fancy Trimmed, 20 Rows Stitching, 2 Wide Surcingles, Weight Each About 5½ Lbs.	3.80
No. 247—80 in., Extra Heavy White Duck, Fancy Woven Lining, Fancy Trimmed, 20 Rows Stitching, 2 Wide Surcingles, Weight Each About 5¾ Lbs.	3.90
No. 250—Stallion, Extra Heavy Brown Duck, Fancy Lined, Extra Large and Deep, for 1,650 Lb. Horse, Weight Each About 7 Lbs.	5.20
No. 251—Stallion, Extra Heavy Brown Duck, Fancy Lined, Extra Large and Deep, for 1,800 Lb. Horse, Weight Each About 7½ Lbs.	5.20
No. 252—Stallion, Extra Heavy Brown Duck, Fancy Lined, Extra Large and Deep, for 2,000 Lb. Horse, Weight Each About 7¾ Lbs.	5.20

Lumbermen's Storm Blankets.

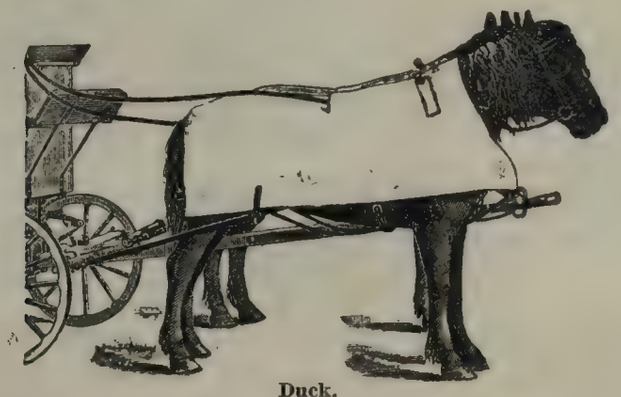




Duck.

		Each
No. 270	—80x80 in., Brown Duck, Full Kersey Lined, 20 Rows Stitching, Weight Each About 6¾ Lbs.	$3.40
No. 271	—84x84 in., Brown Duck, Full Fancy Kersey Lined, 20 Rows Stitching, with Leather Trace Carriers, Weight Each About 7½ Lbs.	4.10
No. 272	—84 in., Brown Duck, Full Kersey Lined, Extension Neck and Breast with Snap Fasteners, 20 Rows Stitching, Weight Each About 7½ Lbs.	4.50
No. 274	—80x84 in., Heavy Mode Duck, Fancy Kersey Lined, 24 Rows Stitching, with Leather Trace Carriers, Weight Each About 9 Lbs.	4.70
No. 276	—84x84 in., Heavy Brown Duck, Fancy Grey Striped Lined, 24 Rows Stitching, with Leather Trace Carriers, Weight Each About 9 Lbs.	5.40
No. 276½	—84x84 in., Heavy Brown Duck, Fancy Grey Striped Lined, 24 Rows Stitching, with Hame Leathers and Trace Carriers, Weight Each About 9 Lbs.	5.60
No. 278	—80x84 in., Heavy Tan Duck, Full Fancy Wool Lined, 24 Rows Stitching, with Leather Trace Carriers, Weight Each About 8 Lbs.	5.20
No. 278½	—80x84 in., Heavy Tan Duck, Full Fancy Wool Lined, 24 Rows Stitching, with Hame Leathers and Trace Carriers, Weight Each About 8 Lbs.	5.40
No. 280½	—84x90 in., Extra Heavy Brown Duck, Full Fancy Woven Lining, 24 Rows Stitching, with Hame Leathers and Trace Carriers, Weight Each About 9¼ Lbs.	6.25
No. 282½	—84x90 in., Extra Heavy Brown Sail Duck, Full Fancy Wool Lined, 24 Rows Stitching, with Hame Leathers and Trace Carriers, Weight Each About 9½ Lbs.	7.30
No. 285	—84x84 in., Extra Heavy White Sail Duck, Fancy Striped Lining, 24 Rows Stitching, with Leather Trace Carriers, Weight Each About 8¾ Lbs.	6.00
No. 285½	—84x84 in., Extra Heavy White Sail Duck, Fancy Striped Lining, 24 Rows Stitching, with Hame Leathers and Trace Carriers, Weight Each About 8¾ Lbs.	6.25
No. 290½	—84x84 in., Extra Heavy Brown Duck, Full Horse Blanket Lined, 24 Rows Stitching, with Hame Leathers and Trace Carriers, Weight Each About 9 Lbs.	6.70

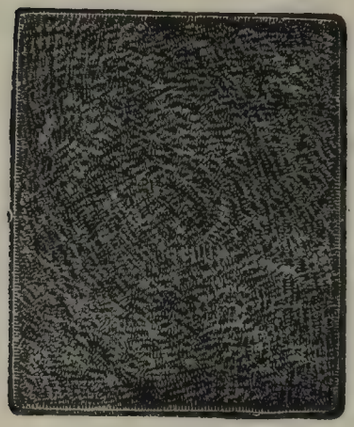
Waterproof Rain or Storm Horse Covers.



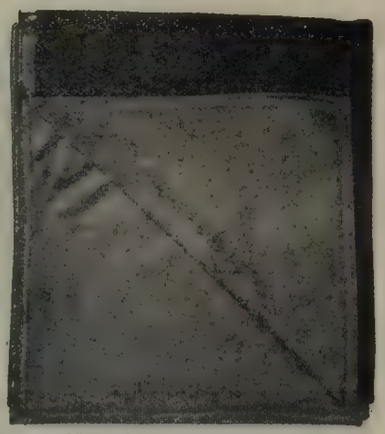
Duck.

		Each
No. 180	—40 in. Deep, Heavy White Duck, Weight Each About 4 Lbs.	$3.20
No. 182	—34 in. Deep, Extra Heavy White Duck, Weight Each About 4¼ Lbs.	3.70
No. 184	—36 in. Deep, Double Extra Heavy White Duck, Weight Each About 5¼ Lbs.	5.10
No. 192	—37 in. Deep, Heavy Brown Paraffine Duck, Weight Each About 5 Lbs.	4.20
No. 194	—34 in. Deep, Heavy Black Paraffine Duck, Weight Each About 4¾ Lbs.	4.00
No. 195	—37 in. Deep, Extra Heavy Brown Army Paraffine Duck, Weight Each About 5¾ Lbs.	6.00
No. 196	—28 in. Deep, Extra Heavy Brown Army Paraffine Duck, Weight Each About 4¼ Lbs.	5.00
No. 197	—29 in. Deep, Extra Heavy Brown Army Paraffine Duck, Body Cover Only, Weight Each About 3½ Lbs.	3.80
No. 199	—34 in. Deep, Heavy Black Coated Waterproof Face, Fancy Plaid Cloth Back, Weight Each About 5¾ Lbs.	4.90

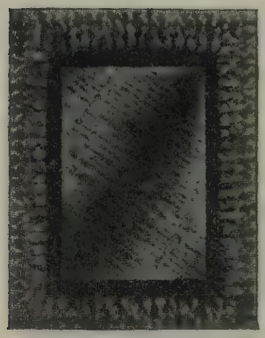
Plush Robes.



	Each
No. 50—Plain Green Single Plush	$ 3.70
No. 52—50x60 in., Plain Heavy Double Plush, Green Face, Black Back	5.70
No. 54—54x66 in., **Extra Large**, Plain Heavy Double Plush, Green Face, Black Back	6.90
No. 60—50x60 in., Plain Heavy Double Plush, Green Face, Black Back, Rubber Interlined	8.30
No. 61—54x66 in., **Extra Large**, Plain Heavy Double Plush, Green Face, Black Back, Rubber Interlined	10.00
No. 62—50x60 in., **Protector Style**, Green Plush Back, Rubber Face	5.80
No. 63—54x66 in., **Protector Style**, Green Plush Back, Rubber Face	7.80
No. 64—51x72 in., **Protector Style**, Green Plush Back, Rubber Face	8.70
No 65—50x60 in., Grey Vulcanized Cloth Face, Green Plush Back	5.60
No. 66—54x66 in., Grey Vulcanized Cloth Face, Green Plush Back	6.20

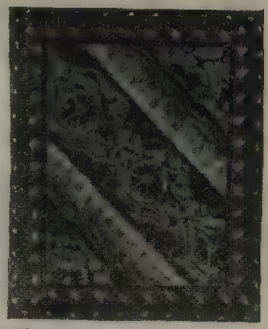


Nos. 62, 63, and 64.

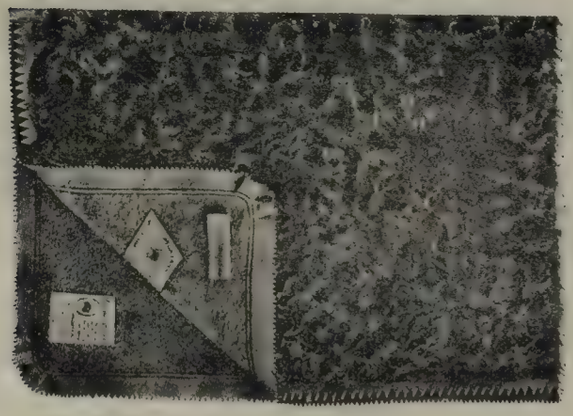


FANCY

	Each
No. 70—Plush, Extra Heavy and Thick, Single, Fancy Diagonal Flowered Slash	$ 8.10
No. 72—Plush, Black Back, Double, Horse Head in Center, Neat Wreath of Flowers and Green Leaves in Border	9.00
No. 74—Plush, Black Back, Double, Tan and Green Square Border, Seal Brown, with Large Flower Diamond Center	9.00
No. 75—Plush, Black Back, Double, Double Diagonal Center Design, Horse Head Corners	10.20
No. 76—Plush, Black Back, Double, Large Floral Wreath Border, Seal Background, Large Rose in Center	12.20
No. 78—Plush, Black Back, Double, Fancy Diagonal Slash Center, Fancy Floral Corners, Checkered Border	11.80

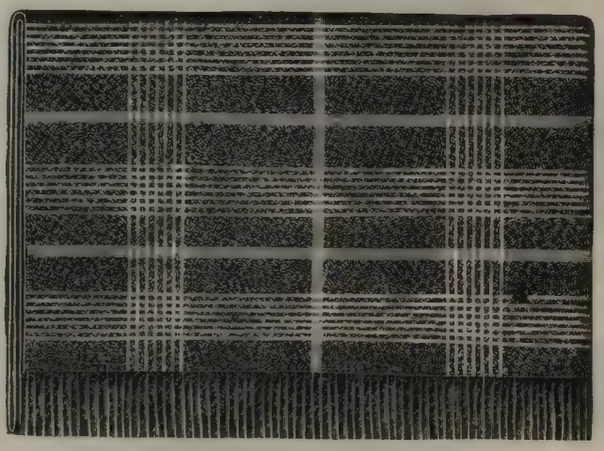


Buffalo Cloth Robes.



	Each
No. 435—54x62 in., Dark Brown Woven Fur Cloth Face, Astrakan Lined, Rubber Interlined, Double Border	$13.30
No. 436—54x72 in., Dark Brown Woven Fur Cloth Face, Astrakan Lined, Rubber Interlined, Double Border	15.50
No. 437—54x62 in., Black Woven Fur Cloth Face, Astrakan Lined, Rubber Interlined, Double Border	13.30
No. 438—54x72 in., Black Woven Fur Cloth Face, Astrakan Lined, Rubber Interlined, Double Border	15.50

Auto Robes or Shawls.



60x80 in., Fringed Edges.

	Each
No. 75—Blue, Red and White Plaid	$ 3.40
No. 80—Blue, Wine and Fawn Plaid	4.50
No. 129—Wine, Blue, White and Green Neat Block Plaid	5.30
No. 141—Neat Brown, Blue and White Face, Dark Blue, Green and Plaid Face	9.10
No. 260—Rich Seal Brown, Green and White Plaid Face, with Green, Red and White Block Plaid Back	10.60
No. 267—Small Green, Blue and White Block Plaid, with Blue, Green, Wine and Plaid Back	10.60
No. 462—Green, Brown, Blue, Fawn and White, Large Plaid Face, with Rich White, Red, Blue and Green Scotch Plaid Back	16.50
No. 463—Green and Dark Blue, with Fawn and Red Overplaid Face, with Large Bright Red and White Scotch Plaid Back	16.50
No. 639—Beautiful Green, Black, Brown and White Block Plaid Face, with Seal Brown, Blue and White Plaid Back	16.90

Fur Robes.

	Each
No. 400—48x60 in., Grey Selected China Goat, Green Plush Lined, Single Border	$16.00
No. 401—54x66 in., Grey Selected China Goat, Green Plush Lined, Double Border	21.30
No. 402—60x70 in., Grey Selected China Goat, Green Plush Lined, Double Border	26.00
No. 405—54x66 in., Black Cub Bear, Black Plush Lined, Double Border	23.70
No. 406—60x70 in., Black Cub Bear, Black Plush Lined, Double Border	28.30
No. 410—54x66 in., Brown Cub Bear, Brown Plush Lined, Double Border	23.70
No. 411—60x70 in., Brown Cub Bear, Brown Plush Lined, Double Border	28.30
No. 415—54x66 in., Black Russian Dog, Black Plush Lined, Double Border	28.00
No. 416—60x70 in., Black Russian Dog, Black Plush Lined, Double Border	32.00
No. 425—54x66 in., Black Alaska Whole Horsehide, Black Plush Lined	32.00
No. 430—54x66 in., Fine Cabretta Brown Sheep, Brown Plush Lined, Double Border	22.75
No. 431—60x70 in., Fine Cabretta Brown Sheep, Brown Plush Lined, Double Border	26.70

Weight Each About 10 Pounds.

Buggy Storm Aprons.

DASH

Nos. 6 to 10.

DASH

To Strap on Dash.

	Per Dozen
No. 6—Enamel Drill, Adjustable, Will Fit Any Size Dash	$21.30
No. 8—Heavy Oiled Drill Face, Fancy Plaid Cloth Back, Adjustable, Will Fit Any Size Dash	26.70
No. 10—Heavy Grey Covert Vulcanized Face, Fancy Cloth Back, Adjustable, Will Fit Any Size Dash	26.70

Weight Per Dozen About 36 Pounds.

BLIZZARD STORM FRONT

	Per Dozen
No. 03—Black Oiled Drill, with 12x20 in. Window in Front, Made of Fine Celluloid	$57.80

Provided with a 14 in. rein aperture, with a light metal edge, so that the reins cannot tear out or sag the cloth, covered by a flap. This front weighs only 5 pounds, can be folded and kept under the seat cushion and fits any top and dash.

Weight Per Dozen About 52 Pounds.

BLIZZARD STORM FRONT

No. 03.

Surcingles.

Nos. 12 to 52.

	Per Dozen
No. 12—2½ in., Fancy Cotton Webbing, Weight Per Dozen About 2¼ Lbs.	$3.20
No. 42—3½ in., Fancy Cotton Webbing, Weight Per Dozen About 4¼ Lbs.	4.50
No. 52—4 in., White Back Band Webbing, Weight Per Dozen About 6 Lbs.	7.80

Feed Bags.

Heavy White Duck.

	Per Dozen
No. 50—Leather Bottom and Ventilator, Rope Strap	$12.80

Weight Per Dozen About 12 Pounds.

Extra Heavy White Duck.

	Per Dozen
No. 60—Leather Bottom and Ventilator, Crotch Leather Strap	$23.10

Weight Per Dozen About 12 Pounds.

Extra Heavy Duck.

	Per Dozen
No. 80—Leather Bottom and Ventilator, Leather Strap	$20.00

Weight Per Dozen About 9 Pounds.

Harness Snaps.

Round Eye, Tinned, Patent Covered Spring.

Nos.	640	3/4	641
Eye, Inches	5/8		3/4
Weight Per Gross About, Lbs.	16		18
Per Gross	$6.20		6.50

One-half Gross in a Box.

Open Eye, Tinned, Patent Covered Spring.

No.	649
Eye, Inches	1/2
Weight Per Gross About, Lbs.	24
Per Gross	$7.80

One-half Gross in a Box.

Double Eye Bolt, Tinned.

No.	650
Length, Inches	3
Weight Per Gross About, Lbs.	11
Per Gross	$11.80

One-quarter Gross in a Box.

No. 661—Swivel Eye, Tinned, Patent Covered Spring.

Eye, Inches	5/8	3/4	1
Weight Per Gross About, Lbs.	16	18	24
Per Gross	$10.00	11.30	21.60

One-quarter Gross in a Box.

No. 289—Swivel Eye, Tinned, Patent Covered Spring.

Eye, Inches	5/8	3/4
Weight Per Gross About, Lbs.	16	18
Per Gross	$9.10	10.20

One-quarter Gross in a Box.

Bull Dog, Chain, Tinned.

No.	583
Length, Inches	5 1/4
Weight Per Dozen About, Lbs.	5
Per Dozen	$2.10

One Dozen in a Box.

No. 3—Swivel Eye, Covered Spring, Imitation Rubber Finish.

Eye, Inches	3/4	7/8
Weight Per Gross About, Lbs.	9	9
Per Gross	$13.90	15.50

One-quarter Gross in a Box.

No. 4—Extra Heavy, Round Eye, Covered Spring, Imitation Rubber Finish.

Eye, Inches	1
Weight Per Gross About, Lbs.	14
Per Gross	$12.60

One-quarter Gross in a Box.

Harness Snaps.

No. 2—Malleable Iron, Loop Eye, Imitation Rubber Finish.

Eye, Inches	¾	⅞	1	1⅛	1¼
Wt. Per Gross About, Lbs.	10	11	12	15	24
Per Gross	$8.30	8.30	8.30	9.50	9.70

¾ to 1 in., One-half Gross; 1⅛ and 1¼ in., One-fourth Gross in a Box.

No. 2½—Malleable Iron, Loop Eye, Imitation Rubber Finish.

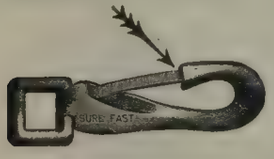
Eye, Inches	1¼	1½	1¾	2
Wt. Gross About, Lbs.	24	26	28	30
Per Gross	$12.50	12.50	14.70	16.70

One-fourth Gross in a Box.

No. 420—Crescent, Flat Steel Spring, Tinned.

Eye, Inches	⅞	1	1⅛	1¼	1½	1¾	2
Weight Per Gross About, Lbs.	9	10	11	15	20	26	32
Per Gross	$5.55	5.55	7.80	8.90	9.80	11.10	13.00

⅞ and 1 in., One-half Gross; Larger Sizes, One-quarter Gross in a Box.



No. 290—Sure-Fast, Aluminum Flat Steel Spring, Lock Tongue, Tinned.

Eye, Inches	½	⅝	¾	⅞	1
Wt. Per Gross About, Lbs.	3¾	7	8	9	10
Per Gross	$2.55	5.00	5.00	5.00	5.00

Eye, Inches	1⅛	1¼	1½	1¾	2
Wt. Per Gross About, Lbs.	11	15	20	26	32
Per Gross	$7.20	8.60	9.70	10.70	12.00

½ to 1 in., One-half Gross; Larger Sizes, One-quarter Gross in a Box.

No. 444—Buckeye, Pressed Steel Tongue, Aluminum Steel Spring, Tinned.

Eye, Inches	⅞	1	1¼
Wt. Per Gross About, Lbs.	10	11	16
Per Gross	$6.10	6.10	9.20

Eye, Inches	1⅛	1¾	2
Wt. Per Gross About, Lbs.	22	28	35
Per Gross	$10.90	12.70	14.20

⅞ to 1 in., One-half Gross; Larger Sizes, One-quarter Gross in a Box.

Rope Snaps.

No. 422—Round Eye, Flat Steel Spring, Tinned.

Eye, Inches	⅝	¾
Weight Per Gross About, Lbs.	7	9
Per Gross	$5.50	5.50

One-quarter Gross in a Box.

Bit Snaps.

No. 421—Flat Steel Spring, Tinned.

Eye, Inches	⅝
Weight Per Gross About, Lbs.	5
Per Gross	$5.00

One-half Gross in a Box.

Harness Snaps.

BREAST STRAP ROLLER

No. 439—Sure-Fast, Lock Tongue, Tinned, Large Roller and Rivets.

Eye, Inches	1½	1¾	2
Weight Per Dozen About, Lbs.	7½	8½	9
Per Dozen	$2.20	2.40	2.65

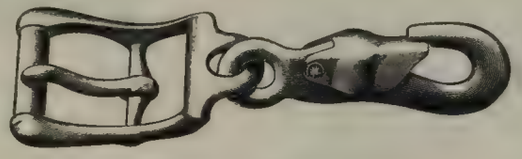
One Dozen in a Box.

No. 442—With Choke Strap Loop, Tinned, Large Roller and Rivets.

Eye, Inches	1½	1¾
Weight Per Dozen About, Lbs.	9	10
Per Dozen	$3.90	4.20

One-half Dozen in a Box.

BREAST STRAP LEVER



No. 443—With Loop Roller Buckle, Tinned.

Inches	1½
Weight Per Dozen Pairs About, Lbs.	13
Per Dozen Pairs	$3.80

One-half Dozen Pairs in a Box.

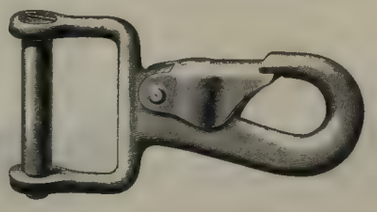
BREAST CHAIN SLIDE

No. 545—Heavy Pattern, Tinned.

Length, Inches	5¼
Weight Per Dozen About, Lbs.	8
Per Dozen	$5.60

One Dozen in a Box.

TRACE OR MARTINGALE



No. 447—With Screw and Roller, Tinned.

Loop, Inches	1½	1¾
Weight Per Dozen About, Lbs.	4	5
Per Dozen	$1.20	1.55

One Dozen in a Box.

SWIVEL TRACE

No. 448—With Screw and Roller, Tinned.

Inches	1½	1¾	2
Weight Per Dozen About, Lbs.	6	6½	7
Per Dozen	$3.30	3.70	3.90

One Dozen in a Box.

No. 515—With Loop Bolt and Roller, Tinned.

Inches	1½	1¾	2
Weight Per Dozen About, Lbs.	7	7½	8
Per Dozen	$3.50	3.80	4.10

One Dozen in a Box.

Cattle Tie Irons.

Tinned.

	Per Gross
No. 11—For ⅝ in. Rope or Smaller, with Open Spring Snap	$15.30

Weight Per Gross About 28 Pounds.

One-quarter Gross in a Box.

Rope Thimbles.

FOR CATTLE TIES

Tinned, with Screw.

	Per Gross
No. 21—For ⅝ in. Rope or Smaller	$ 8.60
No. 24—For ¾ in. Rope	11.50

Weight Per Gross About 12 Pounds.

One-sixth Gross in a Box.

Rope Fasteners.

BRISTOL'S

Malleable Iron.
For Well Buckets, Halters, Etc.

	Per Gross
No. 1—For ⅝ in. Rope, Japanned	$7.60
No. 2—For ¾ in. Rope, Japanned	9.40

Weight Per Gross About 8½ Pounds.
One-half Gross in a Box.

Cockeyes.

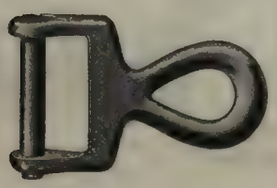
CLIP

No. 440—Japanned, with Wrought Clip.

Inches	1¼	1⅝	1¾
Weight Per Dozen About, Lbs	2	3	4
Per Dozen	$0.92	.92	1.10

Two Dozen in a Box.

SCREW

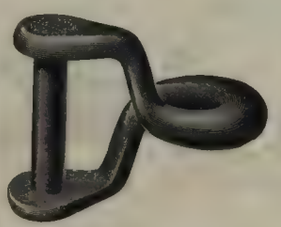


No. 465—Japanned, with Roller.

Inches	1¼	1½	1¾	2
Weight Per Dozen About, Lbs	2	2¼	2¾	3
Per Dozen	$0.65	.72	.90	1.12

Two Dozen in a Box.

UTILITY



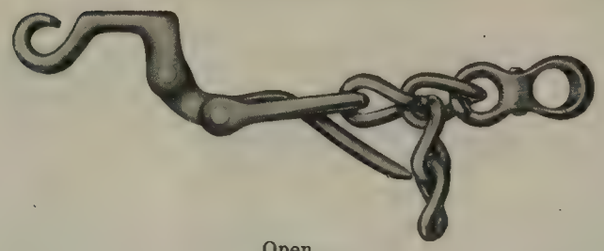
No. 980—Japanned, with Screw and Roller, for Use on Hame Tug.

Inches	1¼	1½	1¾	2
Weight Per Dozen About, Lbs	2½	3	3¼	3½
Per Dozen	$0.92	1.00	1.10	1.35

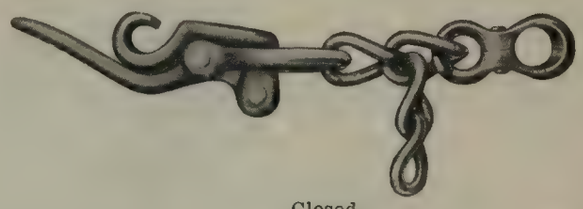
Two Dozen in a Box.

Hame Fasteners.

KLING



Open.



Closed.

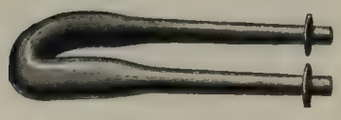
Per Dozen

Kling Hame Fastener—Malleable Iron, XC Plate, Twist Link Chain **$4.40**

Place Hooks in Hames, pull the lever with one hand. When the handle strikes the hame before the hame fastener closes up, bend the handle back enough to let it close up. When the handle stands too far away from the hame bend it closer to it. Leave the fastener attached to one hame.

Weight Per Dozen About 8 Pounds.

Hame Staples.



Polished.

Per Dozen

No. 960—⅝ in. Iron, with Burrs, for Wood Hames.... **$0.38**

Weight Per Dozen About 2 Pounds.

Two Dozen in a Box.

Hame Loops.

No. 977.

No. 978.

With Screw.

Per Gross

No. 977—1¼ in., for Concord Hames, Polished..... **$8.90**
No. 978—For 1 in. Strap, Japanned..... **6.40**

Weight Per Gross About 12 Pounds.

One-half Gross in a Box.

Hame Clips.

Polished.

Per Dozen

No. 982—⅝ in., Wrought Iron, for Wood Hames..... **$0.38**

Weight Per Dozen About 3 Pounds.

Two Dozen in a Box.

Repair Clips.

Japanned.

Per Gross

No. 976—For 1 in. Strap, with Loop..... **$6.65**

Weight Per Gross About 18 Pounds.

One-half Gross in a Box.

Concord Clips.

No. 989—Straight, Japanned.

Size, Inches	1½	1¾	2	2¼
Weight Per Dozen About, Lbs.	3	4	5	6
Per Dozen	$0.96	1.25	1.40	1.80

One Dozen in a Box.

Trace Connectors.

No. 918—Jointed, Japanned.

Size, Inches	1½	1¾	2	2¼
Weight Per Dozen About, Lbs.	4	5	7	9
Per Dozen	$2.10	2.35	2.65	3.00

One-third Dozen in a Box.

Hame Rivets.

Oval Head.

	Per Pound
No. 6—¾ in.	$0.15
No. 7—⅞ in.	.15
No. 7—1 in.	.15

One Pound in a Package.

Hame Bolts.

Polished.

	Per Dozen
No. 5—For 5 Concord Hames	$0.75
No. 6—For 6 Concord Hames	.75
No. 10—For 8 and 10 Concord Hames	.75

Weight Per Dozen About 2 Pounds.

Two Dozen in a Box.

Hame Starts.

For Concord Hames.

	Per Dozen Pairs
No. 6—Threaded, for 5 and 6 Concord Hames	$1.00
No. 6—Not Threaded, for 5 and 6 Concord Hames	1.00
No. 10—Threaded, for 8 and 10 Concord Hames	1.00
No. 10—Not Threaded, for 8 and 10 Concord Hames	1.00

Weight Per Dozen Pairs About 3¼ Pounds.

Two Dozen in a Box.

Hame Rollers.

Polished, with Flange.

	Per Dozen
No. 6—For 6 Hames	$0.52
No. 10—For 8 or 10 Hames	.52

Weight Per Dozen About 1½ Pounds.

Two Dozen in a Box.

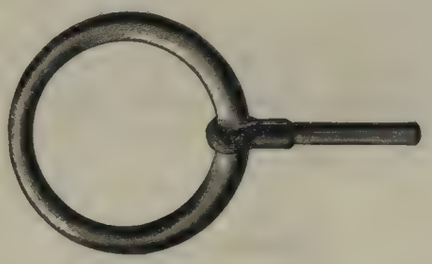
Hame Line Rings.

Polished.

	Per Dozen
No. 964—With Burrs	$0.46

Weight Per Dozen About 1 Pound.

Two Dozen in a Box.



For Concord Hames.

	Per Dozen
No. 973—Wrought Stud, Polished, with Burrs	$0.65

Weight Per Dozen About 2 Pounds.

Two Dozen in a Box.

Breast Strap Slides.

Malleable Iron, Japanned.

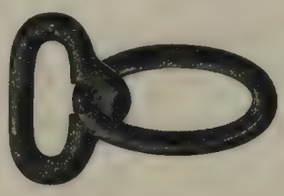
Nos.	40	60	75	90
Inches	1½	1½	1¾	2
Style	Light	Heavy	Heavy	Heavy
Weight Per Dozen About, Lbs.	4	5	6	7
Per Gross	$9.50	12.00	13.30	19.60

Malleable Iron, Tinned.

Nos.	140	160	175
Inches	1½	1½	1¾
Style	Light	Heavy	Heavy
Weight Per Dozen About, Lbs.	4	5	6
Per Gross	$11.30	15.00	18.00

One-twelfth Gross in a Box.

Halter Loops and Rings.



No. 361—Japanned, Solid Loop, Wrought Ring.

Loop, Inches	1	1¼
Ring, Inches	1½	1¾
Weight Per Dozen About, Lbs.	3	4
Per Gross	$4.20	5 10

One-quarter Gross in a Box.

Harness Rings.

Malleable Iron, Japanned.

Nos.	5	6	7	8
Inches	⅝	¾	⅞	1
Weight Per Gross About, Lbs.	1	2	3	4
Per Gross	$0.78	.84	1.00	1.20

One Gross in a Box.

Breeching Rings.

Malleable Iron, Japanned.

Nos.	9	10	11	12	13	14	15
Inches	1¼	1½	1¾	2	2¼	2½	2¾
Wt. Gross Abt., Lbs.	5	10	11	16	18	20	22
Per Gross	$1.60	2.05	2.90	3.90	5.25	7.80	8.30

1¼ to 1¾ in., One-half Gross; Larger Sizes, One-quarter Gross in a Box.

Martingale Rings.

Zylonite.

Nos.	00	0	1	2
Diameter, Inches	1⅛	1¼	1⅜	1½
White Per Dozen,	$1.00	1.20	1.35	1.45
Red Per Dozen,	1.20	1.35	1.55	1.65
Blue Per Dozen,	1.20	1.35	1.55	1.65

Nos.	3	4	5	6
Diameter, Inches	1⅝	1¾	2	2¼
White Per Dozen,	$1.60	1.90	2.10	2.35
Red Per Dozen,	1.90	2.20	2.45	2.65
Blue Per Dozen,	1.90	2.20	2.45	2.65

Weight Per Dozen About ¾ Pounds.

Two Dozen in a Box.

Wood Rings.

	Per Dozen
No. 3—2x1⅝ in., Enameled, Colored, in Red, White and Blue	$0.80

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Halter Squares.

No. 356—Japanned, Chamfered Edge.

Inches	1x1¼	1¼x1½
Weight Per Gross About, Lbs.	7	9
Per Gross	$1.90	2.50

One-half Gross in a Box.

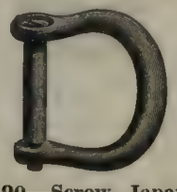
Harness Dees.

No. 325—Japanned, Chamfered Edge.

Inches	¾	⅞	1	1⅛
Wt. Per Gross About, Lbs.	2	2¾	3½	5
Per Gross	$1.15	1.50	1.90	2.10

Inches	1¼	1½	1¾
Wt. Per Gross About, Lbs.	8	10	13
Per Gross	$2.25	3.90	4.85

¾ to 1 in., One Gross; 1⅛ to 1½ in., One-half Gross in a Box.



No. 490—Screw, Japanned.

Inches	1¼	1½
Weight Per Dozen About, Lbs.	1	1¼
Per Dozen	$0.60	.60

Inches	1¾	2
Weight Per Dozen About, Lbs.	1½	2
Per Dozen	$0.72	.90

Two Dozen in a Box.

Heel Chain Dees.

No. 40—Bolt and Roller, Polished.

Inches	1¾	2	2¼
Weight Per Dozen About, Lbs.	1	1¼	1½
Per Dozen	$1.40	1.65	1.85

One Dozen in a Box.

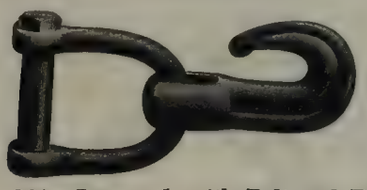
Trace Dees.

No. 488—Concord, Japanned, with Bolt and Roller.

Inches	1½	1¾	2	2¼	2½
Weight Per Dozen About, Lbs.	2	2½	3	3½	4
Per Dozen	$1.25	1.45	1.65	1.85	2.10

One Dozen in a Box.

Pinery Hooks and Dees.



No. 261—Japanned, with Bolt and Roller.

Inches	1½	1¾	2	2¼
Weight Per Dozen About, Lbs.	7½	8½	9	9½
Per Dozen	$2.20	2.55	2.80	3.10

One Dozen in a Box.

Trace Splices.

Haglock's, Polished.

Nos.	1	2
Inches	1¼	1½
Weight Per Dozen About, Lbs.	1	1½
Per Dozen	$1.35	1.35

One Dozen in a Box.

Harness Buckles.

No. 50—Malleable Iron, Barrel Roller, Japanned.

Inches	½	⅝	¾	⅞	1	1¼	1½	1¾
Wt. Gro., Lbs.	3	3½	4	5½	6½	9	11	15
Per Gross	$1.10	1.25	1.50	1.80	2.05	2.85	3.40	4.30

No. 050—Malleable Iron, Barrel Roller, Tinned.

Inches	½	⅝	¾	⅞	1	1¼	1½	1¾
Wt. Gro., Lbs.	3	3½	4	5½	6½	9	11	15
Per Gross	$1.25	1.50	1.80	2.05	2.30	3.40	4.30	5.20

No. 51—Malleable Iron, Dropped Heel, Barrel Roller, Japanned.

Inches	½	⅝	¾	⅞	1	1¼	1½	1¾
Wt. Gro., Lbs.	3	3½	4	5½	6½	9	11	15
Per Gross	$1.10	1.25	1.50	1.80	2.05	2.85	3.40	4.30

No. 051—Malleable Iron, Dropped Heel, Barrel Roller, Tinned.

Inches	½	⅝	¾	⅞	1	1¼	1½	1¾
Wt. Gro., Lbs.	3	3½	4	5½	6½	9	11	15
Per Gross	$1.25	1.50	1.80	2.05	2.30	3.40	4.30	5.20

½ in., Two Gross; ⅝ to 1 in., One Gross; 1¼ and 1½ in., One-half Gross; 1¾ in., One-quarter Gross in a Box.

HARNESS

English Wire, Bent Heel.

No. 72—Imitation Rubber.

Inches	½	⅝	¾	⅞	1	1⅛	1¼	1⅜
Wt. Gr., Lbs.	3½	4	4½	6	7	8	9½	12
Per Gross	$1.36	1.76	2.10	2.80	3.90	4.80	6.40	8.00

No. 072—Nickel on Composition.

Inches	½	⅝	¾	⅞	1	1⅛	1¼	1⅜
Wt. Gr., Lbs.	3½	4	4½	6	7	8	9½	12
Per Gross	$2.20	2.90	4.00	5.50	7.00	9.60	11.80	16.40

½ to ⅞ in., One Gross; 1 and 1⅛ in., One-half Gross; 1¼ and 1½ in., One-quarter Gross in a Box.

TRACE

English Wire, Bent Heel.

No. 73—Imitation Rubber.

Inches	1	1⅛	1¼
Weight Per Dozen About, Lbs.	9	10	12
Per Dozen	$0.66	.80	1.00

No. 073—Nickel on Composition.

Inches	1	1⅛	1¼
Weight Per Dozen About, Lbs.	9	10	12
Per Dozen	$1.20	1.45	1.80

Two Dozen in a Box.

Harness Buckles.

No. 150—Loop Roller, Japanned.

Inches	½	⅝	¾	⅞	1	1¼	1½
Wt. Gross Abt., Lbs.	3	4	5	7	9	14	17
Per Gross	$1.50	1.70	2.20	2.90	3.30	4.90	6.40

No. 0150—Loop Roller, Tinned.

Inches	½	⅝	¾	⅞	1	1¼	1½
Wt. Gross Abt., Lbs.	3	4	5	7	9	14	17
Per Gross	$1.80	2.05	2.75	3.20	4.00	5.80	7.30

½ to ¾ in., One Gross; ⅞ and 1 in., One-half Gross; 1¼ and 1½ in., One-quarter Gross in a Box.

Trace Buckles.

No. 175—Two Loop, Japanned.

Inches	1¼	1½	1¾
Weight Per Dozen About, Lbs.	5	5½	6
Per Dozen	$0.90	1.08	1.25

No. 0175—Two Loop, Tinned.

Inches	1¼	1½	1¾
Weight Per Dozen About, Lbs.	5	5½	6
Per Dozen	$1.08	1.25	1.42

One Dozen in a Box.

No. 176—No Loop, Japanned.

Inches	1¼	1½
Weight Per Dozen About, Lbs.	4½	5
Per Dozen	$0.80	.90

No. 0176—No Loop, Tinned.

Inches	1¼	1½
Weight Per Dozen About, Lbs.	4½	5
Per Dozen	$0.90	1.00

One Dozen in a Box.

Trace Buckle Parts.

CHAMPION

Frame for No. 176 Trace Buckles.

No. 268—Japanned.

Inches	1¼	1½
Weight Per Dozen About, Lbs.	2	2½
Per Dozen	$0.62	.70

No. 0268—Tinned.

Inches	1¼	1½
Weight Per Dozen About, Lbs.	2	2½
Per Dozen	$0.70	.88

One Dozen in a Box.

Two Loop Frame, for No. 175 Trace Buckles.

No. 266—Japanned.

Inches	1¼	1½	1¾
Weight Per Dozen About, Lbs.	2½	3¾	5
Per Dozen	$0.66	.80	.88

No. 0266—Tinned.

Per Dozen	$0.74	.88	1.02
Inches	1¼	1½	1¾
Weight Per Dozen About, Lbs.	2½	3¾	5

One Dozen in a Box.

Trace Buckle Parts.

SCREW BAILS

For Nos. 175 and 176 Trace Buckles.

No. 169—Tinned.

Inches	1¼	1½	1¾
Wt. Doz. About, Lbs.	1½	2	3
Per Dozen	$0.80	.90	1.10

Two Dozen in a Box.

Skate Buckles.

Barrel Roller.

No. 40—Japanned.

Inches	½	⅝	¾	⅞	1
Wt. Gr., Lbs.	3	3½	4	5½	6½
Per Gross	$1.15	1.40	1.66	2.04	2.44

No. 040—Tinned.

Inches	½	⅝	¾	⅞	1
Wt. Gr., Lbs.	3	3½	4	5½	6½
Per Gross	$1.32	1.70	2.00	2.40	2.84

⅝ to ¾ in., One Gross; ⅞ and 1 in., One-half Gross in a Box.

Repair Buckles.

Barrel Roller.

No. 17—Japanned.

Inches	¾	⅞	1	1¼	1½
Wt. Gr., Lbs.	5	7	8	10	12
Per Gross	$6.00	6.00	6.50	9.30	10.60

One-quarter Gross in a Box.

Terrets.

Plain Wire.

Nos.		**813**	**815**
Inches		1½	1⅝
Nickel on Composition	Per Dozen,	**$3.20**	**4.20**
Solid Brass	Per Dozen,	**3.20**	**4.20**

Weight Per Dozen About 2¾ Pounds.

One Dozen in a Box.

Swedge.

Nos.		**464**	**465**
Inches		1⅛	1⅝
Nickel on Composition	Per Dozen,	**$3.30**	**4.40**
Solid Brass	Per Dozen,	**3.30**	**4.40**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Terrets.

Band.

Nos.		**213**	**215**
Inches		1½	1⅝
Weight Per Dozen About, Lbs.		2½	2¾
Japanned	Per Dozen,	**$0.80**	**.80**
XC Plate	Per Dozen,	**.80**	**.85**
Nickel on Composition	Per Dozen,	**3.20**	**4.20**
Solid Brass	Per Dozen,	**3.20**	**4.20**

One Dozen in a Box.

Bolt Hooks.

Band.

Nos.		**404**	**406**
Inches		2½	3
Weight Per Dozen About, Lbs.		1¾	2¼
Japanned	Per Dozen,	**$0.80**	**1.00**
XC Plate	Per Dozen,	**.80**	**1.00**
Nickel on Composition	Per Dozen,	**3.10**	**4.20**
Solid Brass	Per Dozen,	**3.10**	**4.20**

One Dozen in a Box.

Loop Bolt Pad Hooks.

No. 178—Band.

1 in. Loop, for 1¼ in. Layer.

	Per Dozen
Japanned	**$1.00**
XC Plate	**1.25**
Nickel on Iron	**4.00**
Solid Brass	**6.70**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Button Check Hooks.

No. 111—Dunlap's.

	Per Dozen
Imitation Rubber	**$1.32**
Nickel on Iron	**1.32**
Nickel on Composition	**2.00**
Solid Brass	**2.00**

Weight Per Dozen About 1⅛ Pounds.

One Dozen in a Box.

No. 11—McKinney.

	Per Dozen
Imitation Rubber	**$1.32**
Nickel on Iron	**1.32**
Nickel on Composition	**2.00**
Solid Brass	**2.00**

Weight Per Dozen About 1¼ Pounds.

One Dozen in a Box.

Swivels or Gag Runners.

No. 384—Gem, XC Plate, with Loop.

Inches	⅝	¾
Weight Per Gross About, Lbs.	10	12
Per Gross	$4.45	5.75

One-half Gross in a Box.

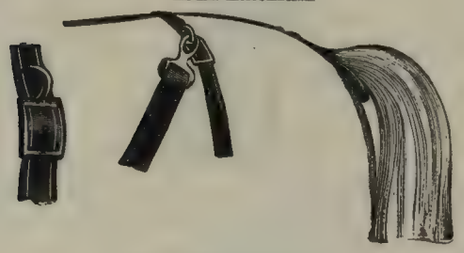
No. 380—XC Plate, with Buckle.

Inches	⅝	¾
Weight Per Gross About, Lbs.	10	12
Per Gross	$4.45	5.75

One-quarter Gross in a Box.

Trace Carriers.

IMPERIAL



No. 15—Japanned.

Inches	⅞	1	1⅛
Wt. Per Gross Pairs About, Lbs.	24	30	36
Per Gross Pairs	$8.20	8.20	10.30

No. 16—XC Plate.

Inches	⅞	1	1⅛
Wt. Per Gross Pairs About, Lbs.	24	30	36
Per Gross Pairs	$8.20	8.20	10.30

One-half Gross Pairs in a Box.

Buckle Shields.

FLEXIBLE

No. 5—Solid Brass.

Inches	⅝	¾	⅞	1	1⅛	1¼	1½
Wt. Gr. Abt., Lbs.	2	2¼	2¾	3¼	3½	4¼	5⅝
Per Gross	$5.50	6.20	7.70	9.80	11.80	13.90	19.40

No. 10—German Silver.

Inches	⅝	¾	⅞	1	1⅛	1¼	1½
Wt. Gr. Abt., Lbs.	2	2¼	2¾	3¼	3½	4¼	5⅝
Per Gross	$5.50	6.20	7.70	9.80	11.80	13.90	19.40

One-half Gross in a Box.

Conway Loops.

No. 210—Japanned.

Inches	¾	⅞	1	1¼	1½
Wt. Per Gross About, Lbs.	5	7	10	13	17
Per Gross	$2.85	3.20	3.90	6.20	8.90

No. 0210—XC Plate.

Inches	¾	⅞	1	1¼	1½
Wt. Per Gross About, Lbs.	5	7	10	13	17
Per Gross	$2.85	3.20	3.90	6.20	8.90

¾ in., One Gross; ⅞ and 1 in., One-half Gross; 1¼ and 1½ in., One-quarter Gross in a Box.

Overcheck Loops.

No. 198—Imitation Rubber, Brass Roller, with Rivets and Washer.

Inches	½	⅝
Weight Per Gross About, Lbs.	8	9
Per Gross	$4.45	4.45

One Gross in a Box.

Twin Harness Loops.

No. 247—Japanned.

Inches	⅝	¾	⅞	1	1⅛	1¼
Wt. Per Gross About, Lbs.	2	3	4	5	6	7
Per Gross	$2.20	2.45	2.65	3.10	3.90	4.45

⅝ to 1 in., One Gross; 1 to 1¼ in., One-half Gross in a Box.

Hame Tug Loops.

No. 341—To Rivet, XC Plate.

Inches	1¼	1½
Weight Per Gross About, Lbs.	4	6
Per Gross	$5.20	5.50

One-half Gross in a Box.

Line Spreader Terrets.

No. 320—Tinned, Iron Roller.

Inches	1	1⅛
Weight Per Gross About, Lbs.	12	15
Per Gross	$6.70	6.70

One-quarter Gross in a Box.

Spread Rollers.

ADAMS'

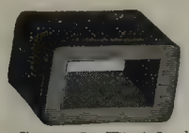
No. 239—XC Plate, Wood Roller.

Inches	1	1⅛
Weight Per Gross About, Lbs.	9	10
Per Gross	$10.00	10.00

One-quarter Gross in a Box.

Slide Loops.

LEATHER



Smooth Finish.

Inches	⅝	¾	⅞	1	1⅛	1¼
Wt. Per Gross About, Lbs.	¾	¾	1¼	1½	2	2½
Per Gross	$0.96	1.10	1.20	1.45	1.90	2.30

One Gross in a Box.

CELLULOID

Inches	⅝	¾	⅞	1	
Wt. Per Gross About, Lbs.	½	⅝	¾	1	
Red ..... Per Gross,	$2.80	3.50	4.10	4.90	
White ..... Per Gross,	2.80	3.50	4.10	4.90	
Blue ..... Per Gross,	2.80	3.50	4.10	4.90	

One Gross in a Box.

Ornaments.

SPOTS

¼ in. ⅜ in. ½ in. ⅝ in. ¾ in. ⅞ in. 1 in.

No. 70—Solid Brass, Round Oval Head.

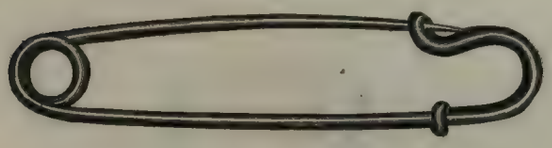
Inches	¼	⅜	½	⅝	¾	⅞	1
Weight Per Gross About, Lbs.	¼	⅜	½	¾	1	1½	2
Per Gross	$0.50	.60	.80	1.00	1.40	1.80	2.20

No. 71—German Silver, Round Oval Head.

Inches	¼	⅜	½	⅝	¾	⅞	1
Weight Per Gross About, Lbs.	¼	⅜	½	¾	1	1½	2
Per Gross	$0.55	.70	.90	1.10	1.50	1.90	2.30

One Gross in a Box.

Blanket Pins.



Per Dozen

No. 5—Polished Steel Spring Wire $0.32

Weight Per Dozen About ¾ Pound.

One Dozen in a Carton; One-half Gross in a Box.

Check Rein Springs.

ELGIN

Per Dozen

No. 15—Elgin, Japanned Steel Spring and Rings, Riveted Leather Loop $3.65

This Spring stops nodding and lugging. Prevents breaking of check rein hooks, and cutting of horse's mouth; relieves cramp in neck and jar on jaw in stumbling.

Weight Per Dozen About 10 Pounds.

One Dozen in a Display Box.

Rosette Assortments.

Colored Glass.

	Per Card
No. 1—Contains Six Pairs Rosettes, 1½ in., Animal and Flower Centers, on Display Card	$1.45
No. 2—1¾ in., Otherwise Same as No. 1	1.45

Weight Per Dozen Cards About 14 Pounds.

Six Cards in a Box.

Rosettes.

	Per Gross
No. 5—1¾ in., Nickel Plated	$3.55

Weight Per Gross About 10 Pounds.

One-half Gross in a Box.

Rosettes.

	Per Gross
No. 10—1½ in., Nickel Plated	$5.80
No. 11—1½ in., Brass	5.80
No. 15—1¾ in., Nickel Plated	6.60
No. 16—1¾ in., Brass	6.60

Weight Per Gross About 10 Pounds.

One-third Gross in a Box.

Oblong.

	Per Dozen
No. 40—Nickel Plated	$0.78
No. 41—Brass	.78

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Oblong.

	Per Dozen
No. 45—Nickel Plated	$0.78
No. 46—Brass	.78

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Flat Surface.

	Per Gross
No. 20—2 in., Nickel Plated	$6.70
No. 21—2 in., Brass	6.70
No. 25—2¼ in., Nickel Plated	7.80
No. 26—2¼ in., Brass	7.80

Weight Per Gross About 6 Pounds.

Nos. 20 and 21, One-quarter Gross; Nos. 25 and 26, One-sixth Gross in a Box.

Solid Loop.

	Per Gross
No. 50—1¾ in., Nickel Plated	$ 6.90
No. 51—1¾ in., Brass	6.90
No. 55—2 in., Nickel Plated	10.00
No. 56—2 in., Brass	10.00

Weight Per Gross About 13 Pounds.

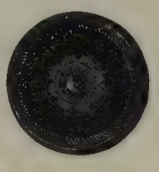
One-quarter Gross in a Box.

Black Hard Rubber.

	Per Dozen
No. 30—1x1½ in., Basket Pattern	$2.20

Weight Per Dozen About ¼ Pound.

One Dozen in a Box.



Black Hard Rubber.

	Per Dozen
No. 35—1⅝ in., Fancy Pattern	$2.20

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Sweat Pad Hooks.

Per Dozen
No. 10—Japanned $0.22

Weight Per Dozen About 1½ Pounds.

Six Dozen in a Box.

Rein Supports.

REID'S

Per Dozen Pairs
No. 25—Nickel Plated $2.90
No. 30—Imitation Rubber 2.90

Weight Per Dozen Pairs About 2 Lbs.

Horse Tail Ties.

REID'S

Rubber Lined.

Per Dozen
No. 50—Nickel Plated $3.10
No. 51—Brass 3.65

Weight Per Dozen About 2 Pounds.

Neckyoke Centers.

SENSIBLE

Good Quality Harness Leather.

Per Dozen
Sensible—Will Adjust to Any Size Yoke up to 2 in. Diameter $12.25

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box.

NEW SECURITY

Leather Center, 3 in. No. 18 Gauge Steel Band, Leather Covered.

Per Dozen
No. 40—1¾ in. Diameter Band, Weight Per Dozen About 9 Lbs..... $5.80
No. 40—1⅞ in. Diameter Band, Weight Per Dozen About 10 Lbs..... 5.80
No. 40—2 in. Diameter Band, Weight Per Dozen About 11 Lbs..... 5.80

One-half Dozen in a Box.

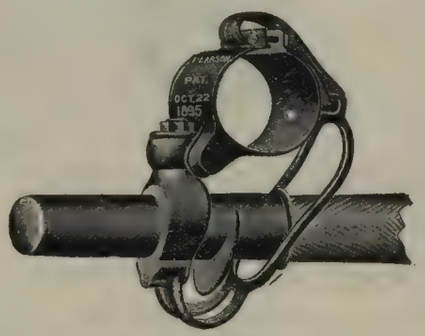
SHUMAN

Malleable Iron Swivel, Leather Lined Eye, Adjustable Sleeve Clasp, Japanned.

Per Dozen
No. 2-S—Sleeve Clasp 2¾ in. Wide, 1⅝ to 1¾ in. Diameter, 1⅜ in. Diameter Pole Hole, Weight Per Dozen About 15 Lbs..... $6.70
No. 3-S—Sleeve Clasp 3 in. Wide, 1¾ to 1⅞ in. Diameter, 1½ in. Diameter Pole Hole, Weight Per Dozen About 18 Lbs..... 7.35
No. 4-S—Sleeve Clasp 3 in. Wide, 1⅞ to 2 in. Diameter, 1⅝ in. Diameter Pole Hole, Weight Per Dozen About 21 Lbs..... 8.00

One-half Dozen in a Box.

PEARSON'S

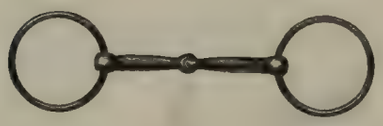


Doubly Coupled with Double Swivels, Leather Lined Eye, Malleable Iron, Japanned.

Per Dozen
No. 2P—Sleeve Clasp 2¾ in. Wide, 1⅝ to 1¾ in. Diameter, 1⅜ in. Diameter Pole Hole, for Heavy Buggies and Light Carriages, Weight Per Dozen About 12 Lbs..... $11.10
No. 3P—Sleeve Clasp 3 in. Wide, 1¾ to 1⅞ in. Diameter, 1½ in. Diameter Pole Hole, for Heavy Wagons and Spring Wagons, Weight Per Dozen About 13 Lbs..... 11.75
No. 4P—Sleeve Clasp 3 in. Wide, 1⅞ to 2 in. Diameter, 1⅝ in. Diameter Pole Hole, for Express, Delivery and Heavy Spring Wagons, Weight Per Dozen About 14 Lbs..... 12.75

One Dozen in a Box.

Bridle Bits.



Jointed.

Per Dozen

No. 47—2¾ in., Wrought Ring, Steel Mouth, Tinned.....**$1.45**

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

Stiff.

Per Dozen

No. 147—2¾ in., Malleable Ring, Steel Mouth, Tinned.....**$1.45**

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

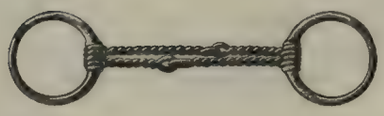
Jointed, Single.

Per Dozen

No. 846—2¼ in. Ring, Twisted Wire, Tinned **$1.55**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.



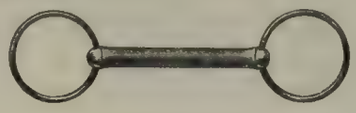
Jointed, Double.

Per Dozen

No. 855—2½ in. Ring, Twisted Wire, Tinned **$2.20**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box.



Stiff, Rubber Mouth.

Per Dozen

No. 831—2½ in. Ring, Tinned..**$3.30**

Weight Per Dozen About 6½ Pounds.

One-half Dozen in a Box.

Flexible, Rubber Mouth.

Per Dozen

No. 825—Nickel Plated, Riveted Link Chain Mouth, Rubber Covered **$5.90**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Jointed.

Per Dozen

No. 502—2 in. Ring, Tinned....**$3.10**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

Stiff.

Per Dozen

No. 1502—2 in. Ring, Tinned...**$3.10**

Weight Per Dozen About 6½ Pounds.

One-half Dozen in a Box.

Jointed.

Per Dozen

No. 492—Straight Cheek, Nickel Plated **$2.90**

Weight Per Dozen About 6½ Pounds.

One-half Dozen in a Box.

Stiff.

Per Dozen

No. 1492—Straight Cheek, Nickel Plated **$2.90**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box.

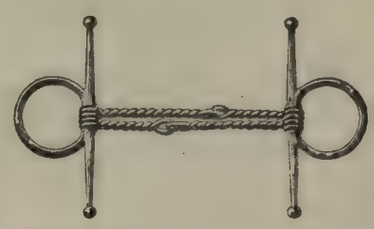
Jointed, Single.

Per Dozen

No. 875—2¼ in. Ring, Twisted Wire, Tinned **$2.00**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.



Jointed, Double.

Per Dozen

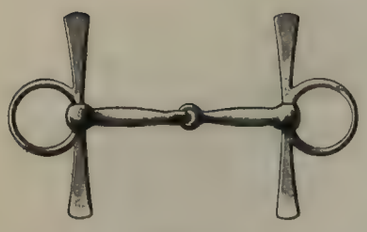
No. 876—2¼ in. Ring, Twisted Wire, Tinned **$2.45**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Bridle Bits.

SNAFFLES



Jointed.

Per Dozen
No. 504—2 in. Ring, Tinned....**$2.45**
Weight Per Dozen About 9 Pounds.
One-half Dozen in a Box.

Flexible, Solid Leather Mouth.

Per Dozen
No. 108—Straight Cheek, Nickel Plated **$8.00**
Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box.

J. I. C. DRIVING

Safety.

Per Dozen
No. 200—Tinned **$3.10**
Weight Per Dozen About 10 Pounds.
One-half Dozen in a Box.

CHAIN MOUTH

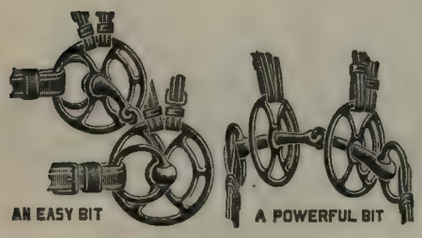
XC Plate.

Per Dozen
No. 78—2¾ in. Ring **$2.45**
Weight Per Dozen About 8 Pounds.
One Dozen in a Box.

SAW MOUTH

Per Dozen
No. 153—2¼ in. Ring, XC Plate.....**$7.20**
Weight Per Dozen About 6½ Pounds.
One-half Dozen in a Box.

BERRY, FOUR IN ONE

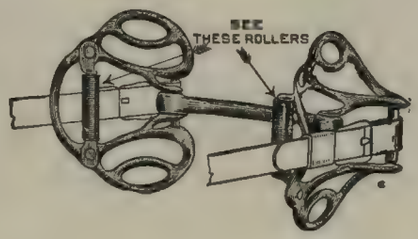


Per Dozen
No. 110—XC Plate **$11.10**
Weight Per Dozen About 11 Pounds.
One-half Dozen in a Box.

IMPROVED IMPERIAL

Per Dozen
No. 1—XC Plate **$10.00**
Weight Per Dozen About 12 Pounds.
One-half Dozen in a Box.

IMPROVED SUCCESS



Per Dozen
No. 700—XC Plate **$10.00**
Weight Per Dozen About 12 Pounds.
One-half Dozen in a Box.

Overcheck Bits.

Stiff.

Per Dozen
No. 827—Steel Mouth, Tinned **$0.80**
Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

Lolling Bits.

Tinned.

Per Dozen
No. 800—2¾ in. Ring **$7.10**
Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box.

Bridle Bits.

ROCKWELL RING

Jointed.

Per Dozen

No. 24—2½ in. Ring, Tinned $2.90

Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box.

WILSON RING

Jointed.

Per Dozen

No. 34—2½ in. Ring, 1½ in. Inside Rings, Tinned $2.90

Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box.

HANOVERIAN OR GIG

Stiff.

Per Dozen

No. 776—Steel Mouth, Oval Loops, Hand Forged, XC Plate $4.00

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

LIVERPOOL

Stiff.

Per Dozen

No. 755—Corrugated Steel Sliding Mouth, Nickel Plated $9.40

Weight Per Dozen About 14 Pounds.
One-half Dozen in a Box.

Port Bits.

Per Dozen

No. 636—XC Plate $3.55

Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box.

Per Dozen

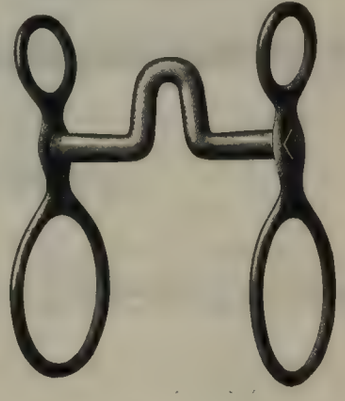
No. 648—XC Plate $2.90

Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box.

Per Dozen

No. 654—XC Plate $3.90

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.



Per Dozen

No. 941—Blued, Texas $2.65

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

Whip Sockets.

No. 5.

No. 10.

Per Dozen

No. 5—Malleable Iron, Japanned, for Wood Dash.....$1.55
No. 10—Malleable Iron, Japanned, for Leather Dash.... 1.65
Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

No. 12.

No. 9.

No. 65.

Per Dozen

No. 12—Steel, Japanned, with Spring, for Wood Dash...$1.25
No. 9—Steel, Japanned, with Spring, for Leather Dash. 1.25
No. 65—Wood, Enameled, with Rubber Ring, for Leather Dash 1.55
Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

Whip Assortments.

BADGER, 30 WHIPS

Each

No. 20—5½ ft., Java, Black, Good Thread Cover Entire Length, Loop Snap, to Retail at.....$0.10

Each

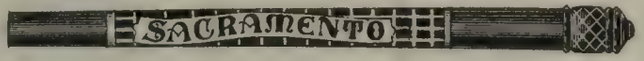
No. 36—6 ft., Java, Assorted Black, Wine and Buff Colors, Smooth Finish, Composition Head and Button, Loop Snap, to Retail at.....$0.15

Each

No. 46—6 ft., Stock Java, Black Satin Finish, Composition Head and Button, Boston Snap, no Wood in this Whip, to Retail at $0.25

Each

No. 48—6 ft., Extra Heavy Loaded Stock, Java, Black Satin Finish, Composition Head and Button, Rubber Cushion Cap, Boston Snap, to Retail at $0.35



Each

No. 56—6 ft., Solid Rawhide Center Butt to Tip, Black Satin Finish, Composition Head and Button, Boston Snap, to Retail at.....$0.50

Per Assortment

Badger Assortment—Contains 2½ Dozen of the Following Whips as Shown Above, ½ Dozen No. 20, ½ Dozen No. 36, 1 Dozen No. 46, ¼ Dozen No. 48, ¼ Dozen No. 56, Weight Per Assortment About 10 Lbs.....$8.80

REPEATER, 48 WHIPS

Each

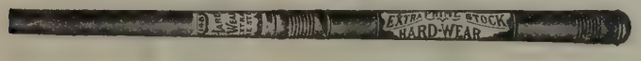
No. 20—5½ ft., Java, Assorted Colors, to Retail at.....$0.10

Each

No. 124—6 ft., Java, Assorted Colors, Nickel Head, to Retail at $0.15

Each

No. 146—6 ft., Pathfinder, Loaded Butt, Assorted Colors, to Retail at $0.25



Each

No. 148—6 ft., Hard Wear, Full Stock, Loaded Butt, Assorted Colors, to Retail at.....$0.35

Each

No. 69—6 ft., Through Rawhide from Tip to Butt, Black Color, to Retail at.....$0.50

Per Assortment

Repeater Assortment—Contains 4 Dozen of the Following Whips as Shown Above, 1 Dozen No. 20, 1 Dozen No. 124, 1 Dozen No. 146, ½ Dozen No. 148, ½ Dozen No. 69, Weight Per Assortment About 15 Lbs.....$16.50

Whip Assortments.

CREAM CITY, 67 WHIPS

Each
No. 20—5½ ft., **Java**, Assorted Colors, to Retail at....$0.10

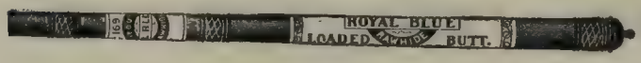
Each
No. 124—6 ft., **Java**, Assorted Colors, Nickel Head, to Retail at $0.15

Each
No. 25C—6 ft., **Pilot**, Full Stock Java, Oil Filled, Black Color, to Retail at.....$0.25

Each
No. 146—6 ft., **Pathfinder**, Loaded Butt, Assorted Black, Green and Red Colors, to Retail at.....$0.25

Each
No. 46—6 ft., **Little Trooper**, Full Stock, Loaded Butt, Black Color, Five Buttons, to Retail at.....$0.35

Each
No. 69—6 ft., **Through Rawhide** from Tip to Butt, Black Color, to Retail at.....$0.50



Each
No. 169—6 ft., **Royal Blue**, Through Rawhide, Loaded Butt, Black Color, to Retail at.....$0.75

Each
No. 64—6 ft., **Golden Gate**, Through Rawhide, Loaded Butt, Extra Quality, Buck Lined, Black Color, to Retail at $1.00

Per Assortment
Cream City Assortment—Contains 5⅞ Dozen of the Following Whips as Shown Above, 1 Dozen No. 20, 1 Dozen No. 124, 1 Dozen No. 25C, 1 Dozen No. 146, ½ Dozen No. 46, ½ Dozen No. 69, ⅛ Dozen No. 169, ¼ Dozen No. 64, Selected Styles, Good Values and Ready Sellers.....**$26.40**

Weight Per Assortment 24 Pounds.

Buggy Whips.

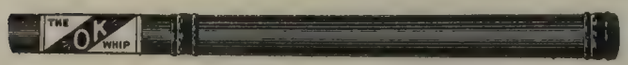
Per Dozen
No. 10—5 ft., (7 ft. Full Length), **Jumbo**, Oil Finish, Nail Cap, Loop Snap, Packed Assorted, One Black and Two Imitation Gut Colors.....**$3.30**

Weight Per Dozen About 4 Pounds.

No. 20—Java, Black, Fine Finish, Round End, Loop Snap.

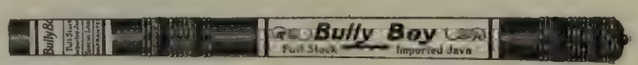
Length, Feet	5½	6
Per Dozen	$1.45	1.65

Weight Per Dozen About 3½ Pounds.



Per Dozen
No. 22—6 ft., **Java**, Black, Wine and Linen Colors, Chafed Head and Ferrule, Loop Snap.....**$2.55**

Weight Per Dozen About 3½ Pounds.



Per Dozen
No. 25—6 ft., **Stock Java**, Loaded, Black Color, Two Combination Buttons, Philadelphia Snap.....**$3.30**

Weight Per Dozen About 3½ Pounds.

Per Dozen
No. 26—6 ft., **Stock Java**, Loaded Handle, Two Long Combination Buttons, Philadelphia Snap.....**$4.00**

Weight Per Dozen About 3½ Pounds.

Per Dozen
No. 27—6½ ft., Half Length Rawhide, Patent Load, Black Cover, Fine Finish, Two Chased Buttons, Philadelphia Snap **$4.40**

Weight Per Dozen About 4 Pounds.

Buggy Whips.

Per Dozen

No. 28—6 ft., Short Butt, Extra Load, Black Color, Fine Finish, Combination Buttons, Philadelphia Snap $4.40

Weight Per Dozen About 3½ Pounds.

Per Dozen

No. 29—6 ft., Rawhide and Laminated Steel Stocked, Japanned Cap, Two Russet Buttons, Rubber Lined, Philadelphia Snap $7.40

Weight Per Dozen About 3½ Pounds.

Per Dozen

No. 069—6 ft., **Little Giant**, Rawhide, Half Linen, Black Color, 6 Stitch Thread, Butt Head and Button, Rubber Cap, Philadelphia Snap..... $8.25

Weight Per Dozen About 4 Pounds.

Per Dozen

No. 45—6 ft., Extra Quality Whalebone, Black Color, Buck Lined, Three Philadelphia Buttons, English Silk Snap $36.30

Weight Per Dozen About 4 Pounds.

No. 55—Extra Quality Rawhide from Snap to Cap, Black Color, Two Combination Buttons, Double Cover, Wire Lined, ½ Silk English Snap.

Length, Feet	6	6½
Per Dozen	$11.00	13.20

Weight Per Dozen About 4 Pounds.

Per Dozen

No. 169—6 ft., **Royal Blue**, Through Rawhide, Loaded Butt, Black Color, 1 in. Chased Head, Two 1 in. Buttons, Rubber Cap, Philadelphia Snap $9.35

Weight Per Dozen About 4 Pounds.

Per Dozen

No. 60—6 ft., Extra Quality Stocked Rawhide, Black Color, Japanned, Rubber Cushioned Cap, Two Combination Buttons, Seamless Vulcanized Rubber Inner Cover, Linen Loop, English Silk Snap..... $14.30

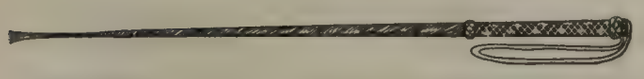
Weight Per Dozen About 4½ Pounds.

Per Dozen

No. 62—6½ ft., Extra Quality Sienna Center, Black Color, 6 Stitch Head Button, 1½ in. and Sixteen ¾ in. Ferrules, Rubber Lined to Cap, English Silk Snap..... $18.70

Weight Per Dozen About 5 Pounds.

Riding Whips.



Per Dozen

No. 80—Solid Rawhide, Black Thread Cover, Smooth Finish Loop on Handle, Loop Snap..... $4.00

Weight Per Dozen About 2 Pounds.

Express Whips.

Per Dozen

No. 70—3½ ft. Stock, (Full Length 6½ ft.), **Java**, Platted Through, White Color, ¾ in. Nickel Head and Ferrule, Loop Snap..... $3.30

No. 78—3½ ft. Stock, 3½ ft. Solid Leather Center Drop, Platted Through, Wine Color, 2 Four Stitched Buttons, Loop Snap..... 6.60

Weight Per Dozen About 2½ Pounds.

Team Whips.

Per Dozen

No. 75—6 ft., All Leather, Russet Cover, White Horse Hide Top, Thread Snap, Two Leather Buttons, Leather Loop on Handle $14.30

Weight Per Dozen About 10 Pounds.

Harvester Whips.

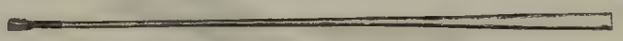
Per Dozen

No. 826—12 ft., Ebonized Handle, Black Thread Top, Smooth Finish, 8 ft. Stock, 4 ft. Drop Lash, Loop Snap, All in One Piece, Weight Per Dozen About 8 Lbs..... $6.60

No. 805—15 ft., Black Thread Cover, 10 ft. Stock, 5 ft. Lash, Loop Snap, All in One Piece..... 9.35

Weight Per Dozen About 12 Pounds.

Whip Stocks.



No. 200—Whip Stock, White Hickory with Keeper.

Length, Feet	3½	4	4½	5
Weight Per Dozen About, Lbs	5	5½	6	7
Per Dozen	$2.00	2.40	2.75	3.30

Whip Lashes.

No. 300—Whip Lashes, Round Russet Leather.

Length, Feet	4	5	6	7
Per Dozen	$1.45	1.76	2.10	2.45

No. 400—Whip Lashes, Calf, Four Plait.

Length, Feet	4	5	6	7	8	10	12	14
Per Dozen	$2.20	2.75	3.30	3.85	7.70	9.70	11.55	13.75

Weight Per Dozen About 5 Pounds.

Whip Snaps.

Per Dozen

No. 142—Whip Snaps, 7 in., Half Silk..... $0.35

Weight Per Dozen About ⅛ Pound.

Whip Racks.

Per Dozen

No. 6—Whip Racks, Malleable Iron, Japanned, Diameter 12 in., Holds 175 Whips..... $15.95

Made in two parts, each being a half circle; can be used as a Circle Rack or Side Wall Rack.

Weight Per Dozen About 90 Pounds.

Curry Combs.

OPEN BACK

Carmine Handle.

Per Dozen

No. 3-0—6 Bars, Steel, Japanned **$0.90**

Weight Per Dozen About 4 Pounds.

Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 320—6 Bars, Cold Rolled Steel, Lacquered **$1.75**

No. 14—6 Bars, Brass, Tinned Wire and Ends..... **2.75**

Weight Per Dozen About 6 Pounds.

Double Face, Hardwood Handle.

Per Dozen

No. 15—8 Bars, Spring Steel, Reversible, Malleable Shank. **$3.00**

Weight Per Dozen About 6½ Pounds.

CLOSED BACK

Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 432—6 Bars, Cold Rolled Steel, Lacquered, Polished Shank and Knockers..... **$1.90**

Weight Per Dozen About 11 Pounds.

Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 433—8 Bars, Cold Rolled Steel, Lacquered, Polished Shank and Knockers..... **$2.40**

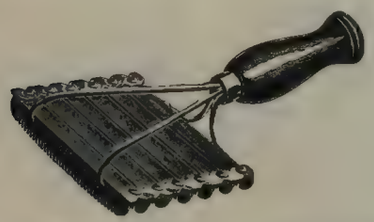
Weight Per Dozen About 12 Pounds.

Carmine Handle, Steel Ferrule.

Per Dozen

No. 30—6 Bars, Cold Rolled Steel, Japanned **$1.75**

Weight Per Dozen About 13 Pounds.



Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 131—7 Bars, Cold Rolled Steel, Tinned **$2.75**

Weight Per Dozen About 14 Pounds.

Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 25—6 Bars, Cold Rolled Steel, Lacquered **$2.00**

Weight Per Dozen About 10 Pounds.

Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 35—7 Bars, Cold Rolled Steel, Lacquered **$2.55**

No. 45—8 Bars, Cold Rolled Steel, Lacquered **2.75**

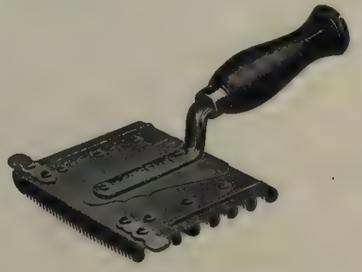
Weight Per Dozen About 11 Pounds.

Black Enameled Handle.

Per Dozen

No. 222—8 Bars, Steel, Japanned **$2.40**

Weight Per Dozen About 15 Pounds.

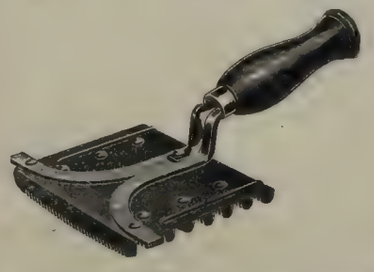


Black Enameled Handle.

Per Dozen

No. 224—8 Bars, Steel, Tinned.. **$3.00**

Weight Per Dozen About 15 Pounds.



Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 1400—8 Bars, Cold Rolled Steel, Lacquered **$2.40**

Weight Per Dozen About 15 Pounds.

All Above, One Dozen in a Box.

Curry Combs.

CLOSED BACK

Carmine Handle.

Per Dozen

No. 322—6 Bars, with Mane Comb, Steel, Tinned.....**$2.40**

Weight Per Dozen About 8 Pounds.

Black Enameled Handle.

Per Dozen

No. 319—6 Bars, with Mane Comb, Lacquered **$2.20**

Weight Per Dozen About 10 Pounds.

Black Enameled Handle.

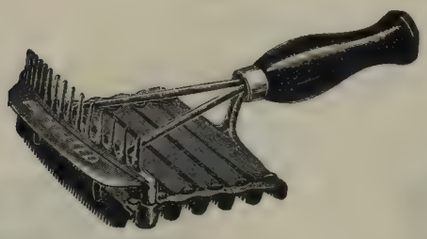
Per Dozen

No. 90—6 Bars, with Mane Comb and Scraper, Steel, Japanned **$2.55**

No. 190—6 Bars, with Mane Comb, Steel, Tinned..... **3.00**

Weight Per Dozen About 11 Pounds.

One Dozen in a Box.



Black Enameled Handle.

Per Dozen

No. 91—7 Bars, with Mane Comb and Scraper, Steel, Japanned **$2.75**

Weight Per Dozen About 13 Pounds.

With One Piece Spring, Black Enameled Handle.

Per Dozen

No. 80—6 Bars, Steel **$2.75**

No. 85—7 Bars, Steel **3.30**

Weight Per Dozen About 12 Pounds.

One Dozen in a Box.

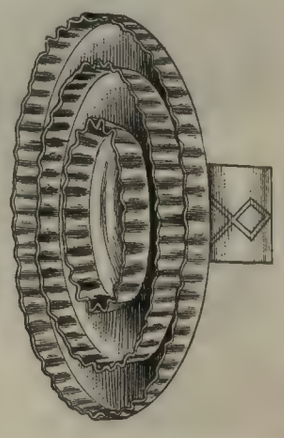
Self-Cleaner, Black Enameled Handle, Brass Ferrule.

Per Dozen

No. 44—8 Bars, Steel, Lacquered.....**$3.30**

By a slight pressure of the thumb, Self-Cleaner is thrown open, removing from Comb all Hair, Dust, etc.

Weight Per Dozen About 15 Pounds.



Corrugated Sheet Steel.

Per Dozen

No. 7—Ideal, 6½x4¼ in., Tinned and Bronze Lacquered, Russet Leather Strap.....**$2.75**

Having no teeth it will not irritate the most sensitive animal and will clean thoroughly in one-half the time of any other Comb.

Weight Per Dozen About 6 Pounds.

Curry Cards.

Coppered Wire Teeth. Per Dozen

No. 5—5¾x4 in., Genuine Leather $2.00
No. 10—5¾x4 in., Leather Board 1.35

Weight Per Dozen About 10 Pounds.
Twelve Dozen in a Case.

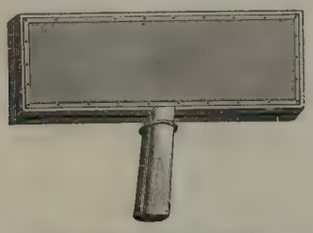
Horse Cards.

Coppered Wire Teeth. Per Dozen

No. 15—8¼x4 in., Genuine Leather $2.25
No. 20—8¼x4 in., Leather Board 1.60

Weight Per Dozen About 15 Pounds.
Eight Dozen in a Case.

Wool Cards.

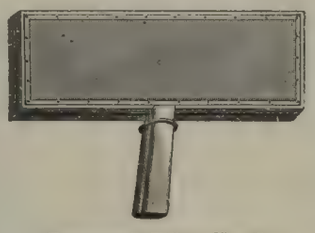


Coppered Wire Teeth. Per Dozen Pairs

No. 8B—9¼x4¼ in., Genuine Leather $7.90

Weight Per Dozen Pairs About 39 Pounds.
Two Dozen Pairs in a Case.

Tow Cards.

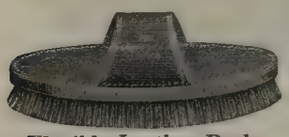


Coppered Wire Teeth. Per Dozen Pairs

No. 22—9¾x4⅜ in., Genuine Leather..... $8.25

Weight Per Dozen Pairs About 40 Pounds.
Two Dozen Pairs in a Case.

Horse Brushes.



Flexible Leather Back. Per Dozen

No. 180—Fine Plated Tempered Steel Wire Bristles, Will Not Rust $23.30

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box.

Dandy Pattern. Per Dozen

No. 170—9¼x3 in., Solid Wood Back, Antique Oak Finish, Fine Tempered Spring Steel Wire Bristles $11.00

Weight Per Dozen About 11 Pounds.

One Dozen in a Box.

Heavy Wood Back. Per Dozen

No. 172—Natural Wood Finished Edges, Embossed Leatherette Covered Grain Leather Strap, Fine Tempered Spring Steel Wire Bristles..... $11.00

Weight Per Dozen About 9 Pounds.
One Dozen in a Box.

Solid Hardwood Back. Per Dozen

No. 13—8¾x3¾ in., Palmetto Fibre, Leather Strap... $3.85

Weight Per Dozen About 8 Pounds.
One Dozen in a Box.

Solid Hardwood Back. Per Dozen

No. 15—7½x2¾ in., Palmetto Fibre, Leather Strap... $3.30

Weight Per Dozen About 5 Pounds.
One Dozen in a Box.

Hardwood Back, Leather Strap. Per Dozen

No. 72—7x3 in., Rice Root.... $2.60
No. 114—7x2½ in., Palmetto Fibre 3.00

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Dandy, Solid Hardwood Back. Per Dozen

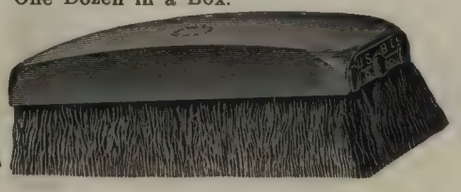
No. 46 — 9x2¾ in., Palmetto Fibre $3.85

Weight Per Dozen About 11 Pounds.

Per Dozen

No. 47 — 11x3 in., Palmetto Fibre $4.40

Weight Per Dozen About 14 Pounds.
One-half Dozen in a Box.



Hardwood Back. Per Dozen

No. 32—9x2¾ in., Rice Root... $3.65

Weight Per Dozen About 11 Pounds.

One Dozen in a Box.

Horse Brushes.

LEATHER BACK

Per Dozen

No. 87—8¾x4½ in., Imitation Red Leather Back, Fair Leather Straps, 8 Rows Dark Gray Fibre, Flat Face $3.30

No. 85—9x4¾ in., Imitation Black Leather Back, Gray Fibre Center, White Fibre Outside Row, 11 Rows, Flat Face 4.40

No. 103—9x4¾ in., Wine Color Imitation Leather Back, Embossed Split Strap, Gray Fibre Center, White Horse Hair Outside Row, 11 Rows, Flat Face 5.85

Weight Per Dozen About 10 Pounds.

Per Dozen

No. 106—9x4½ in., Flexible Wine Leather Back, Black Bristles, Russet Strap, 13 Rows..... $11.00

No. 96—9x5 in., Flexible Red Grain Leather Back, Extra Fair Grain Leather Strap, 15 Rows Paint Stumps, Flat Face 17.60

No. 171—9x5 in., Fair Grain Leather Back, Shaped Fair Grain Strap, 15 Rows Yellow Fibre, Oval Face 11.00

Weight Per Dozen About 11 Pounds.

Per Dozen

No. 119—9⅜x4¾ in., Wine Color Split Leather Back, Fair Grain Straight Strap, Gray Fibre Center, White Horse Hair Outside Row, 13 Rows, Flat Face ..... $ 8.80

No. 65—9x5 in., Fair Grain Leather Back, Shaped Grain Leather Strap, 15 Rows Dark Gray Fibre, Oval Face 11.00

No. 130—8¾x4¼ in., Army Pattern, Flexible Leather Back, Fair Leather Strap, 15 Rows White Bristles 29.15

Weight Per Dozen About 10 Pounds.

Per Dozen

No. 124—9x4½ in., Split Red Leather Back, Straight Russet Strap, 14 Rows White Bristles, Flat Face $13.20

No. 111—9x4¾ in., Red Grain Leather Back, Shaped Fair Grain Leather Strap, 17 Rows Extra Stiff White Bristles, Oval Face..... 27.50

No. 115—9x5 in., Red Grain Leather Back, Fair Grain Leather Strap Sewed Over the Edge, 17 Rows Stiff White Bristles, Oval Face..... 35.75

Weight Per Dozen About 10 Pounds.

Per Dozen

No. 123—9x5 in., Wine Color Split Leather Back, Shaped Fair Grain Strap, Gray Fibre Center, White Horse Hair Outside Row, 15 Rows, Oval Face $10.45

No. 265—9x4¾ in., Red Grain Leather Back, Straight Fair Grain Leather Strap, 15 Rows Stiff White Bristles, Oval Face..... 20.90

Weight Per Dozen About 11 Pounds.

Per Dozen

No. 120—8¾x4¼ in., Imitation Black Leather Back, Embossed Split Strap, Gray Tampico Center, Black Bristles Outside Row, 11 Rows, Flat Face ..... $ 6.15

No. 535—9¼x5 in., Army Pattern, Flexible Fair Grain Leather Back and Strap, Gray Fibre Center, Gray Bristles Outside, 15 Rows.... 17.60

Weight Per Dozen About 10 Pounds.

Per Dozen

No. 127—9x5 in., Imitation Red Leather Back, Russet Strap, 15 Rows Bronze Colored Fibre, Oval Face ..... $ 8.25

No. 129—9x4½ in., Red Grain Leather Back, Russet Shaped Strap, 14 Rows, Black Bristles, Oval Face 12.45

No. 137—9x5 in., Red Grain Leather Back, Shaped Fair Grain Leather Strap, 15 Rows Stiff Yellow Bristles, Oval Face..... 23.10

Weight Per Dozen About 11 Pounds.

Per Dozen

No. 410—9x4¾ in., Fair Grain Leather Back, Shaped Fair Grain Leather Strap, Sewed Over the Edge, 17 Rows Long Stiff Yellow Bristles, Oval Face $15.10

No. 236—9¼x5 in., Fair Grain Flexible Sole Leather Back, Straight Fair Grain Leather Strap Sewed Over the Edge, 17 Rows Extra Stiff Golden Yellow Bristles, Flat Face..... 55.00

Weight Per Dozen About 11 Pounds.

All Above, One-half Dozen in a Box.

Saddle Chimes.

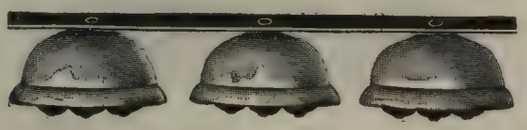
RUSSIAN

Each
No. 02—Nickel Plated $4.95
Weight Each About 2 Pounds.

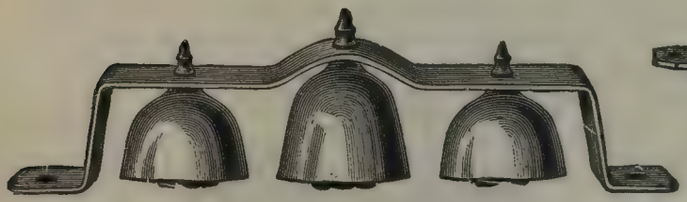
Each
No. 435—Nickel Plated $3.00
Weight Each About ½ Pound.

Shaft Chime Sleigh Bells.

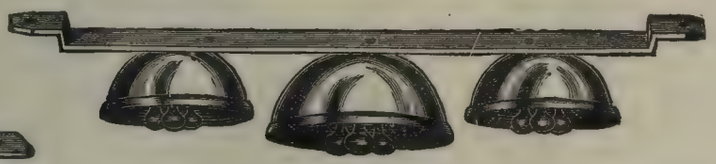
Per Pair
No. 105—Three Nickel Plated Bell Metal Bells, Leather Strap $1.30
Weight Per Pair About 1¼ Pounds.



Per Pair
No. 100—Three Nickel Plated Steel Bells, Japanned Steel Strap $0.90
No. 102—Three Brass Plated Steel Bells, Japanned Steel Strap ..... .90
Weight Per Pair About 1½ Pounds.



Per Pair
No. 240—Three Nickel Plated Bell Metal Bells, Nickel Plated Brass Strap $3.65
Weight Per Pair About 3 Pounds.



Per Pair
No. 33—Three Nickel Plated Bell Metal Bells, Nickel Plated Brass Strap $2.65
Weight Per Pair About 2 Pounds.

Per Pair
No. 122—Four Nickel Plated Steel Bells, Chimed, Japanned Iron Strap $1.65
No. 21—Four Nickel Plated Swiss Bells, Harmonized, Japanned Iron Strap 3.30
Weight Per Pair About 2½ Pounds.

Per Pair
No. 9½—Four Nickel Plated Swiss Bells, Harmonized, Nickel Plated Brass Strap $4.10
No. 9—Four Nickel Plated Swiss Bells, Tuned, Nickel Plated Brass Strap 6.40
Weight Per Pair About 3½ Pounds.

Per Pair
No. 222—Four Nickel Plated Swiss Bells, Harmonized, Nickel Plated Steel Strap $3.30
Weight Per Pair About 3½ Pounds.

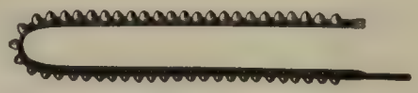
Per Pair
No. 065—Four Nickel Plated Bell Metal Bells, Harmonized, Japanned Steel Strap $3.85
Weight Per Pair About 3½ Pounds.

Sleigh Bells.

Body Strap, Wrought Brass Arctic Bells, White Metal Finish, Riveted to Black Leather Strap.

	Per String
No. 131—24 1⅛-in. Bells	$2.55
No. 132—30 1⅛-in. Bells	2.85
No. 133—30 1¼-in. Bells	3.30

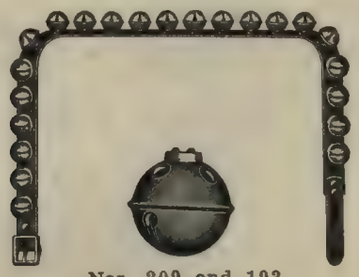
Weight Per String About 10 Pounds.



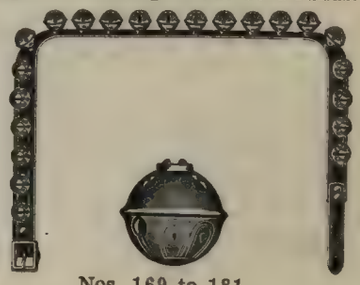
Body Strap, Globe Bells, Riveted to Black Leather Strap.

	Per String
No. 341—30 No. 2 White Metal Bells	$5.30
No. 1930—30 No. 2 Oroide Finish Bells	5.30
No. 3410—30 No. 2 Nickel Plated Bells	5.15
No. 194—36 No. 2 Nickel Plated Bells	6.05
No. 195—42 No. 2 Nickel Plated Bells	6.60

Weight Per String About 15 Pounds.



Nos. 209 and 193.



Nos. 169 to 181.

Body Strap, Rim Bells.

	Per String
No. 6020—24 Common Tinned Rim Bells, 16 No. 2, 8 No. 3, Riveted to Black Leather Strap	$3.65
No. 6021—30 Common Tinned Rim Bells, 20 No. 2, 10 No. 3, Riveted to Black Leather Strap	4.20
No. 169—20 No. 3, Common Tinned Bell Metal Bells, Riveted to Black Leather Strap	3.00
No. 177—30 No. 2, Common Tinned Bell Metal Bells, Riveted to Black Leather Strap	3.65
No. 181—30 No. 3, Common Tinned Bell Metal Bells, Riveted to Black Leather Strap	4.20
No. 209—30 No. 4, Nickel Plated Bell Metal Bells, Riveted to Black Leather Strap	6.60
No. 193—30 No. 2, Bell Metal Bells, Extra White Metal Finish, Riveted to Black Leather Strap	4.95

Average Weight Per String About 10 Pounds.

Body Strap, Beveled Bells.
Bell Metal Bells, Black Leather Strap.

	Per String
No. 304—30 No. 2 Extra White Metal Finish Bells	$5.30
No. 311—36 No. 2 Nickel Plated Bells	6.60

Weight Per String About 10 Pounds.

Body Strap, Arctic Bells.
Nickel Plated Wrought Steel Bells, Black Leather Strap.

	Per String
No. 37—30 1⅛-in. Bells	$2.65
No. 43—30 1¼-in. Bells	3.00
No. 633—36 1¼-in. Bells	3.30

Weight Per String About 10 Pounds.

Loose Sleigh Bells.

Round, Polished Brass.

Nos.	1	2	3	4	5	6	7	8	9	10
Diameter, Inches	1⅛	1¼	1⅜	1½	1⅝	1¾	1 15/16	2 1/16	2¼	2⅜
Wt. Dozen About, Lbs.	1⅛	1¼	1⅜	1½	1¾	2	3	3½	4	5
Per Dozen	$0.63	.86	1.12	1.35	1.62	1.81	2.23	2.59	3.13	3.71

Open Stock.

Horse Car Bells.

Tinned.

	Per Pound
No. 04—3½ in. Diameter Mouth	$0.81

Open Stock.

Open House Bells.

Brass, Half Polished.

Nos.	1	2	3	4	5	6	7
Diameter, Inches	2⅛	2⅜	2⅝	2⅞	3¼	3½	3¾
Per Pound	$0.88	.88	.88	.88	.88	.88	.88

White Metal, Polished.

Nos.	1	2	3	4	5	6	7
Diameter, Inches	2⅛	2⅜	2⅝	2⅞	3¼	3½	3¾
Per Pound	$0.88	.88	.88	.88	.88	.88	.88

Axle Oil.

BAUM'S CASTORINE

Per Dozen

No. 2—1 Pint Tin Cans, Weight Per Dozen About 18 Lbs....**$4.40**

No. 4—1 Quart Tin Cans, Weight Per Dozen About 34 Lbs.... **8.25**

One Dozen in a Case.

Harness Dressing.

BAUM'S

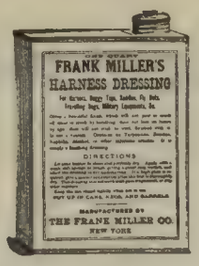
Per Dozen

No. 1—1 Pint Tin Cans, Weight Per Dozen About 18 Lbs....**$4.95**

No. 2—1 Quart Tin Cans, Weight Per Dozen About 34 Lbs.... **8.25**

One Dozen in a Case.

MILLER'S



Per Dozen

No. 10—1 Pint Tin Cans, Weight Per Dozen About 18 Lbs....**$4.95**

No. 20—1 Quart Tin Cans, Wt. Per Dozen About 34 Lbs.... **9.35**

One Dozen in a Case.

Harness Soap.

MILLER'S

Per Dozen

No. 1—¾ Lb. Cakes, Black.....**$2.75**

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

Harness Oil.

MILLER'S

Per Dozen

No. 11—1 Pint Screw Top Tin Cans **$6.05**

Weight Per Dozen About 18 Pounds.

One Dozen in a Box.

Carriage Top Dressing.

Per Dozen

No. 5—½ Pint Tin Cans.....**$5.50**

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

Axle Grease.

No. 10.

FRAZER'S

Per Dozen

No. 10—In 5 Lb. Tin Boxes, with Bail.....**$7.15**

Weight Per Dozen About 60 Pounds.

One Dozen in a Case.

Per Gross

No. 25—In 1 Lb. Tin Boxes.....**$22.00**

Weight Per Dozen About 12 Pounds.

One-third Gross in a Case.

No. 25.

WADHAM'S GRAPHITE

Made from the Best Quality Lubricating Oil and Pure Flake Graphite.

Sizes	1 Lb. Tin Can	3 Lb. Tin Pail	5 Lb. Tin Pail	15 Lb. Gal Pail	25 Lb. Gal. Pail
Contents of Case, Dozen	4	2	1	..	..
Per Dozen	$1.65	4.75	7.15	17.60	24.20

FRAZER'S

Per Dozen

No. 11—In 10 Lb. Wooden Pails **$13.40**

No. 12—In 25 Lb. Wooden Pails **28.60**

FRAZER'S CARRIAGE

Per Dozen

No. 5—In 1 Lb. Decorated Tin Boxes **$2.75**

One Dozen in a Case.

DIAMOND

Per Gross

No. 30—In 1 Lb. Tin Boxes...**$11.00**

One-third Gross in a Case.

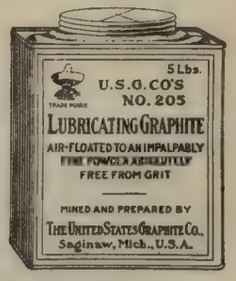
Pine Tar.

Pure.

	Per Dozen
No. 1—½ Pint Tin Cans, Weight Per Dozen About 10 Lbs.	$1.35
No. 3—1 Pint Tin Cans, Weight Per Dozen About 21 Lbs.	1.65
No. 6—1 Quart Tin Cans, Weight Per Dozen About 45 Lbs.	3.10

One Dozen in a Box.

Lubricating Graphite.

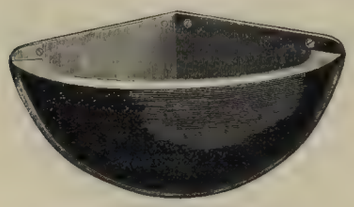


In Tin Cans.

Size of Cans, Lbs.	1	5	10
Per Can	$0.55	2.20	4.40

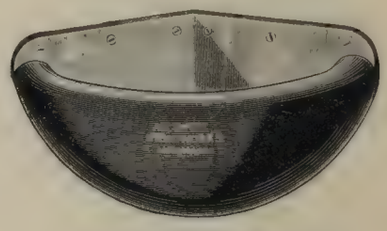
1 Lb. Cans, 36; 5 Lb. Cans, 12; 10 Lb. Cans, 6 in a Case.

Stable Mangers.



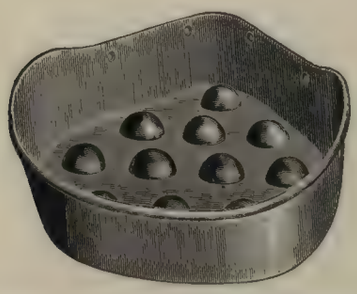
Common Corner Manger.

	Each
No. 3—17x17 in., 10 in. Deep, Cast Iron, Japanned, with Flat Front Food Guard. Weight Each About 28 Pounds.	$2.15



Common Corner Manger.

	Each
No. 6—17x17 in., 10 in. Deep, Cast Iron, Japanned, with Roll Front Food Guard. Weight Each About 28 Pounds.	$2.35



Smith's Perfection Corner Mangers.

	Each
No. 5—18x17½ in., Cast Iron, Japanned. Weight Each About 27 Pounds.	$3.35

Corner Hay Racks.

	Each
No. 12—2 ft. 11 in. High, Wrought Iron, Japanned, 1 in. Channel Frame, Uprights ½ in. Round Bars, Projects 2 ft. from Corner. Weight Each About 23 Pounds.	$2.70

Hitching Weights.

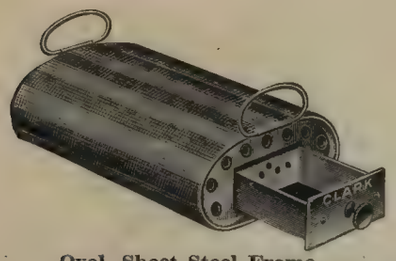
	Per Pound
Hitching Weights—Cast Iron, 10 to 30 Lbs.	$0.05½

Hitching Posts.

	Each
Rustic Pattern. No. 47—41 in. Above Ground, Iron. Weight Each About 54 Pounds.	$6.10

Carriage Heaters.

CLARK



Oval, Sheet Steel Frame.

Each

No. 5B—12 in. Long, Covered with Fine Brussels Carpet, Asbestos Lined, Wire Handles, White Metal Ends **$2.25**

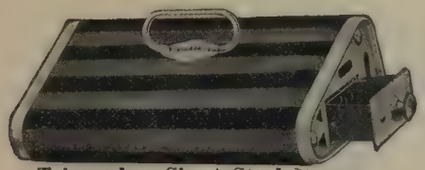
Weight Each About 4 Pounds.

Oval, Sheet Steel Frame.

Each

No. 3D—14 in. Long, Covered with Fine Brussels Carpet, Asbestos Lined, Braid Binding, Triple Strength White Metal Ends **$2.90**

Weight Each About 7 Pounds.



Triangular, Sheet Steel Frame.

Each

No. 7C—14 in. Long, Covered with Fine Grade Rich Green Brussels Carpet, Adjustable End Ventilator **$2.90**

Weight Each About 8 Pounds.

Triangular, Riveted Sheet Steel Frame.

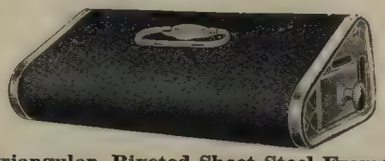
Each

No. 7D—14 in. Long, Covered with Extra Quality Green Brussels Carpet, Asbestos Lined, Adjustable Side and End Ventilators, Cold Drawn Steel Ends, Heavily Nickel Plated **$3.35**

Weight Each About 9 Pounds.

Automobile Heaters.

CLARK



Triangular, Riveted Sheet Steel Frame.

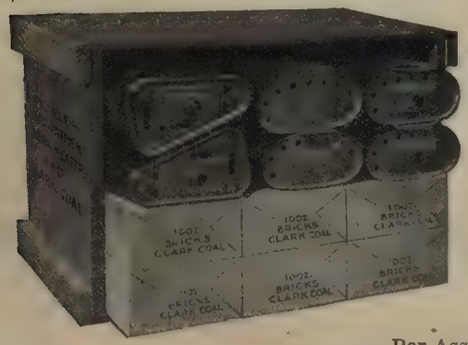
Each

No. 7X—14 in. Long, Covered with Mohair Plush in Rich Shades of Maroon, Blue or Green, Asbestos Lined, Adjustable Side and End Ventilators, Cold Drawn Steel Ends, Heavily Nickel Plated **$6.10**

Weight Each About 9 Pounds.

Carriage Heater Assortments.

PEERLESS



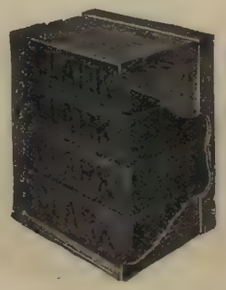
Per Assortment

Peerless—Contains 2 No. 5B Clark Heaters, 2 No. 3D Clark Heaters, 2 No. 7D Clark Heaters and 6 Dozen Clark Coal **$23.50**

One Assortment in a Box.

Carriage and Automobile Heater Coal.

CLARK



Per Dozen

Clark Coal—7½x2½x1¼ in. Brick, Made from the Purest Ingredients **$1.10**

Per Case of 100

Clark Coal—100 Bricks in Case **$8.90**

DEPARTMENT No. 4

BUILDERS' AND SHELF HARDWARE

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 4

BUILDERS' AND SHELF HARDWARE

Locks
Lock Sets
Padlocks
Chest Locks

Drawer Locks
Wardrobe Locks
Desk Locks
Cabinet Locks

Strap and Tee Hinges
Spring Hinges
Butts
Door Springs and Checks

Door Bells
Push Buttons
Pulleys, Casters
Nails, Tacks, Screws

Barn and Parlor Door Hangers
Coat and Hat Hooks, Registers
Screw Hooks and Eyes

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

OUR MAIL ORDER DEPARTMENT

This department is given our special attention in recognition of its value and reliability for RUSH ORDERS. A mail order is rushed through its respective stages from START to FINISH in order to give the customer the best possible service. In sending mail orders always refer to OUR CATALOG NUMBERS and give sizes when necessary. Write name, post office and shipping point plainly.

THIS DEPARTMENT IS AT
YOUR DISPOSAL. USE IT!
WE SHIP PROMPTLY

JOHN PRITZLAFF HARDWARE CO.

Numerical Index of Latches, Locks, Lock Sets and Store Door Handles.

Number	Page
0	761
3	758
5	758
78	762
16	758
20	754
24/OC	753
26	755
33	754
34	754
37	754
42	754
042	754
45	755
46	755
60	761
61N	787
C74	755
86P	755
90	758
100/BB	797
100/P	755
100/OC	793
100/DB	793
100/DBS	793
105/OC	793
105/DB	793
105/DBS	793
100/BB	797
108/OC	793
108/DB	793
108/DBS	793
110/OC	793
110/DB	793
110/DBS	793
111/OC	793
111/DB	793
111/DBS	793
112/OC	796
112/DB	796
112/DBS	796
124/OC	796
124/DB	796
124/DBS	796
130/BB	797
130/OC	794
130/DB	794
130/DBS	794
130¾/OC	794
130¾/DB	794
130¾/DBS	794
138P	755
143/BB	833
143/OC	833
143/DB	833
143/DBS	833
160/OC	794
160/DB	794
160/DBS	794
160¾/OC	794
160¾/DB	794
160¾/DBS	794
180	757
183/BB	833
183/OC	833
183/DB	833
183/DBS	833
185/J	753
185/OC	753
190	762
190/OC	794
190/DB	794
190/DBS	794
190¼	762
197	761
197¼	761
200L	756
203L	756
200/OC	782
200/DBS	782
205/OC	782
205/DBS	782
208/OC	782
208/DBS	782
210/OC	782
211/OC	782
211/DBS	782
212/OC	783
212/DBS	783
224/OC	783
224/DBS	783
230/OC	783
230/DBS	783
235/N	787
255	762
257	762
260/OC	783
260/DBS	783
290	762
R290	756
310	784
312	784
324	784
335	784
340	784
353	757
358	757
360	757
0360¾/OC	762
0360¾/DB	762
0360¾/DBS	762
362	757
G371/DB	811
G375/DB	811
388	757
390	757
391	757
393	757
400/OC	768
400/DB	768
400/DBS	768
405/OC	768
405/DB	768
405/DBS	768
408/OC	768
408/DB	768
408/DBS	768
410/OC	768
410/DB	768
410/DBS	768
411/OC	768
411/DB	768
411/DBS	768
412/OC	769
412/DB	769
412/DBS	769
414	759
415	759
416	759
417	759
418	759
419	759
424/OC	769
424/DB	769
424/DBS	769
430/OC	769
430/DB	769
430/DBS	769
443/OC	830
443/DB	830
443/DBS	830
460/OC	769
460/DB	769
460/DBS	769
483/OC	830
483/DB	830
483/DBS	830
500/OC	795
500/DB	795
500/DBS	795
508/OC	795
508/DB	795
508/DBS	795
530/OC	795
530/DB	795
530/DBS	795
560/OC	795
560/DB	795
560/DBS	795
600/OCS	765
625/OCS	765
630/OCS	765
708/DB	802
708/DBS	802
730/DB	802
730/DBS	802
760/DB	802
760/DBS	802
809	763
810	776
812	776
M812	763
824	776
825	776
830	776
882	763
888	763
900/OC	789
900/DB	789
902	758
905/OC	789
905/DB	789
906	758
908	758
908/OC	789
908/DB	789
911/OC	789
911/DB	789
912/OC	790
912/DB	790
924/OC	790
924/DB	790
930/OC	790
930/DB	790
936/OC	763
936/DB	763
936/DBS	763
942/OC	764
942/DB	764
942/DBS	764
MK942/OC	764
MK942/DB	764
MK942/DBS	764
953	759
956	759
957	759
958	759
959	759
960	759
960/OC	790
960/DB	790
961	759
963	759
M963	763
963¾	763
964	759
965	759
992	761
995	760
996	760
1003	761
1005	761
1008/DB	802
1008/DBS	802
1030/DB	802
1030/DBS	802
1060/DB	802
1060/DBS	802
G1098/DB	827
C1099/DBS	827
M1099/DBS	827
1200/L	785
1200/OC	785
1200/DB	785
1205/L	785
1205/OC	785
1205/DB	785
1208/L	785
1208/OC	785
1208/DB	785
1210/OC	785
1210/DB	785
1211/L	785
1211/OC	785
1211/DB	785
1212/L	788
1212/OC	788
1212/DB	788
1224/L	788
1224/OC	788
1224/DB	788
1225/L	786
1225/OC	786
1225/DB	786

Numerical Index—Continued.

Number	Page
1230/L	786
1230/OC	786
1230/DB	786
1235/L	786
1235/OC	786
1235/DB	786
1260/L	786
1260/OC	786
1260/DB	786
1275/OC	787
1280/OC	787
1290/OC	787
1290/DB	787
1292	756
1363/OC	826
1363/DB	826
1363/DBS	826
1393/OC	826
1393/DB	826
1393/DBS	826
1495/E	836
1499/E	836
1500/OC	774
1500/DB	774
1500/DBS	774
1505/OC	774
1505/DB	774
1505/DBS	774
1508/OC	774
1508/DB	774
1508/DBS	774
1510/OC	774
1510/DB	774
1510/DBS	774
1511/OC	774
1511/DB	774
1511/DBS	774
1512/OC	775
1512/DB	775
1512/DBS	775
1524/OC	775
1524/DB	775
1524/DBS	775
1530/OC	775
1530/DB	775
1530/DBS	775
1543/OC	832
1543/DB	832
1560/OC	775
1560/DB	775
1560/DBS	775
1563/DB	824
1583/OC	832
1583/DB	832
1593/DB	824
1608/DB	803
1608/DBS	803
1630/DB	803
1630/DBS	803
1632½	760
1660/DB	803
1660/DBS	803
M1730/E	762
1731/OC	762
1731/DB	762
1731/DBS	762
1760/DBS	809
1783/DBS	808
1793/DBS	808
1900/OC	798
1910/OC	798
R1910/OC	798
1912/OC	799
1924/OC	799
1930/OC	798
R1930/OC	798
1970	759
1971/J	760
2139/J	835
2200/OC	780
2205/OC	780
2208/OC	780
2210/OC	780
2211/OC	780
2212/OC	781
2224/OC	781
2230/OC	781
2260/OC	781
2403/E	836
K2403/L	836
L2409/L	836
R2409/L	836
C2850/DB	822
M2856/DB	822
R2850/BB	822
R2850/OC	822
R2850/DB	822
3100/OC	766
3100/DB	766
3105/OC	766
3105/DB	766
3108/OC	766
3108/DB	766
3111/OC	766
3111/DB	766
3112/OC	767
3112/DB	767
3124/OC	767
3124/DB	767
3130/OC	767
3130/DB	767
3160/OC	767
3160/DB	767
3190/OC	766
3190/DB	766
3360/BB	805
3383/BB	804
3393/BB	804
3504	756
3552	756
3800	760
3850/J	760
3850/OC	760
4100/OC	800
4100/DB	800
4105/OC	800
4105/DB	800
4108/OC	800
4108/DB	800
4110/OC	800
4111/OC	800
4111/DB	800
4112/OC	801
4112/DB	801
4124/OC	801
4124/DB	801
4130/OC	801
4130/DB	801
4160/OC	801
4160/DB	801
4200/OC	791
4200/DB	791
4208/OC	791
4208/DB	791
4210/OC	791
4210/DB	791
4212/OC	792
4212/DB	792
4224/OC	792
4224/DB	792
4230/OC	791
4230/DB	791
4260/OC	791
4260/DB	791
4305/J	756
4312/OC	756
4314/DB	756
4315/BB	756
4608/DBS	807
4660/DBS	807
4683/DBS	806
4692/DBS	806
4978	756
5108/DB	803
5130/DB	803
5160/DB	803
5400/OC	777
5400/DB	777
5400/DBS	777
5400/IB	777
5405/OC	777
5405/DB	777
5405/DBS	777
5405/IB	777
5411/OC	777
5411/DB	777
5411/DBS	777
5411/IB	777
5412/OC	778
5412/DB	778
5412/DBS	778
5412/IB	778
5424/OC	778
5424/DB	778
5424/DBS	778
5424/IB	778
5430/OC	778
5430/DB	778
5430/DBS	778
5430/IB	778
5443/OC	829
5443/DB	829
5443/DBS	829
5460/OC	778
5460/DB	778
5460/DBS	778
5460/IB	778
5463/DBS	823
5483/OC	829
5483/DB	829
5483/DBS	829
5490/OC	778
5490/DB	778
5490/DBS	778
5490/IB	778
5493/DBS	823
6263/DBS	825
6293/DBS	825
6750/OC	764
6944/OC	764
7043/L	835
7043/OC	835
7261/BB	810
7461/DB	810
7900/OC	828
7900/DB	828
L7809/L	834
L7809/OC	834
R7809/L	834
R7809/OC	834
7903/L	834
7903/OC	834
7903/DB	834
7923/OC	828
7923/DB	828
R8314/J	835
L8314/J	835
8400/OC	771
8400/DB	771
8400/DBS	771
8405/OC	772
8405/DB	772
8405/DBS	772
8408/OC	771
8408/DB	771
8408/DBS	771
8410/OC	771
8410/DB	771
8410/DBS	771
8411/OC	771
8411/DB	771
8411/DBS	771
8412/OC	772
8412/DB	772
8412/DBS	772
8424/OC	772
8424/DB	772
8424/DBS	772
8430/OC	772
8430/DB	772
8430/DBS	772
8443/OC	831
8443/DB	831
8443/DBS	831
8460/OC	772
8460/DB	772
8460/DBS	772
8483/OC	831
8483/DB	831
8483/DBS	831
9012	761
9144/OC	764
9710/OC	764
9718/OC	763
9718/DB	763
9718/DBS	763

INDEX.

A

Page

Adjusters—
- Casement Window 937
- Window Stop 939

Alarm Bells 875

Ammeters—
- Pocket 878
- Pocket Volt 878

Anywhere Steel Shelves 972

Asbestos Paper 1016

Assortments—
- Cabinet Lock 868
- Carpet Tack 997
- Hardware 896
- Key Blank 816
- Liquid Glue 1022
- Mortise Key 815
- Night Latch 753
- Ornamental Hinge 891
- Padlock .....853 to 856F
- Rim Key 817

Awning Hooks 984

Awning Pulleys 951, 952

B

Back Flaps 887

Bag Keys 871

Baggage Hooks 970

Balances—Sash 946

Ball Bearing Butts 880

Ball Bearing Casters 970

Bar Sash Lifts 941

Barbed Blind Staples 1000

Barbed Wire Nails .....1002 to 1004

Barge Spikes 1009

Barn Door Elbow Catches 840

Barn Door Hangers .....958 to 961

Barn Door Hasps and Latches ... 840

Barn Door Latches 840, 841

Barn Door Rail 962, 963

Barn Door Rollers 962, 963

Barn Door Stay Rollers 962

Barn Paint 1019

Barrel Bolts 918

Barrel Nails 1005, 1008

Base Knobs 917

Base Switch 887

Basement Window Set 916

Bath Room Door Sets 787

Batteries—Dry 876

Battery Connectors 876

Bed Casters 976

Bed Spring Staples 1000

Bell Sets—Electric 875

Bells—
- Alarm 875
- Door 873, 874
- Electric 877
- Gong 875

Bill Poster Tacks 998

Bird Cage Hooks 974

Blank Butts 904

Blanks—
- Butt 904
- Cylinder Key 820, 821
- Mortise Key 818
- Padlock Key 872
- Rim Key 819
- Store Door Key 819

Blind Butts 887

Blind Hinges 902

Blind Staples 1000

Blued Screws—Round Head 993

Board—
- Plaster 1016
- Straw 1016
- Tarred 1016

Boat Spikes 1009

Bolt Sockets—Window Spring ... 942

B

Page

Bolts—
- Barrel 918
- Bottom 921
- Cellar Window 916
- Chain .....920 to 922
- Cremorne 921
- Door 925
- Extension Flush 924
- Eye 965
- Flush 921, 923, 924
- Foot 920, 922
- Mortise Door 925
- Neck 919
- Screen Door 920
- Spring 919
- Square 919
- Window 921
- Window Spring 942

Borders—Register .....1010 to 1014

Bottom Bolts 921

Box Brackets 895

Box Catches 895

Box Fasteners—Ice 893

Box Hasps 894

Box Hinges 888

Box Nails—Wire 1003

Box Plates—Letter 954, 955

Boxes—Mail 953, 954

Braces—Screen Door 913

Brackets—
- Box 895
- Door Check 909, 910
- Flower Pot 974
- Hand Rail 971
- Porch 972
- Shelf 973

Brads—
- Cut Flooring 1008
- Steel Wire 1001
- Steel Wire Flooring 1003

Brass Butts 888

Brass Hinges 888

Brass Pulls 931

Brass Screws—
- Flat Head 992
- Oval Head 993
- Round Head 992

Bright Iron Screws 992

Broad Butts 885, 886, 888

Brush Door Mats—Cocoa 975

Brushes—Roofing 1018

Building Paper 1016

Bungalow Hardware .....804 to 810

Butter Tub Staples 1000

Button Catch—Push 926

Buttons—
- Door 926
- Push 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 803, 805, 807, 809, 877
- Register 1015

Butts—
- Ball Bearing 880
- Blank 904
- Blind 887
- Broad 885, 886, 888
- Desk 888
- Loose Pin .....880 to 885
- Middle 888
- Narrow 884, 886, 888
- Riveted .....885 to 887
- Screen Door 887
- Spring 904
- Surface 883
- Wrought Brass 888
- Wrought Bronze 880, 881
- Wrought Steel ....880 to 887

C

Page

Cabin Door Hooks 984

Cabinet Escutcheons 894

Cabinet Keys 871

Cabinet Lock Assortments 868

Cabinet Lock Display Cabinets ... 868

Cabinet Locks .....858 to 868

Cage Hooks—Bird 974

Canvas Nails 995

Caps—Roofing 1018

Car Nails 1004

Carpet Lining 1016

Carpet Tacks 996, 997

Carpet Tack Assortments 997

Casement Window Adjusters ... 937

Casement Window Fasteners ... 937

Casing Nails 1003, 1008

Casters—
- Anti-Friction 983
- Ball Bearing 978
- Bed 976
- Gliding 978
- Piano 983
- Plate .....977, 979 to 982
- Stationary 983
- Stem .....977 to 979
- Store 983
- Swivel 983
- Truck 982, 983

Catches—
- Barn Door Elbow 840
- Box 895
- Cupboard 927
- Elbow 840, 926
- French Window 928
- Friction 926
- Push Button 926
- Refrigerator 893
- Screen Door 929, 930
- Transom 927

Ceiling Hooks 966

Ceiling Pulleys 949

Cement Coated Wire Nails 1006

Cement—Fix-All 1022

Cellar Window Bolts 916

Centers—Sash 944

Chain—
- Sash 945
- Transom 944

Chain Bolts .....920 to 922

Chain Door Fasteners 925

Chain Fasteners—Sash 944

Chandelier Hooks 968

Checking Floor Hinges 906

Checks—
- Door .....909 to 912
- Pivot Door 906
- Screen Door 912

Cheese Box Tacks 998

Chest Corners 895

Chest Handles—
- Flush 934
- Surface 934

Chest Hinges 887

Chest Locks .....858 to 860

Cleats—Line 965

Clinch Nails 1003, 1007

Closet Knob Spindle 813

Cloth—Emery 1020

Clothes Line Hooks 952

Clothes Line Pulleys 952

Clout Nails 995

Coat and Hat Hooks .....966 to 968

Coating—Roof 1019

Cocoa Brush Door Mats 975

Colonial Rim Knob Locks 759

Common Cut Nails 1007

Common Wire Nails 1002

Connectors—Battery 876

Copper Tacks 996

C

Page

Cord Iron—Sash 944
Cord—Sash 945
Corners—Chest 895
Cornice Hooks and Eyes..... 984
Corrugated Hinges 898
Cremorne Bolts 921
Cupboard Catches 927
Cupboard Keys 871
Cupboard Latches 929
Cupboard Locks 864, 867
Cupboard Turns 928, 929
Cup Hooks 984
Cut Nails—Steel 1007, 1008
Cut Tacks 998
Cylinder Key Blanks 820, 821

D

Dead Locks—
- Mortise 762
- Rim 757, 758

Deafening Felt 1016
Description of Finishes..... 751
Desk Butts 888
Desk Locks 861
Desk Slides 895
Discs—Roofing 1018
Display Cabinet—Cabinet Lock.. 868
Dog Collar Padlocks 853
Door Bells .....873 to 875
Door Bolts—Mortise 925
Door Braces—Screen 913
Door Buttons 926
Door Catches—Screen 929, 930
Door Checks and Springs..909 to 911
Door Checks—
- Holder 911
- Pivot 906
- Screen Door 912

Door Check Brackets ....909 to 911
Door Check Springs.....909 to 912
Door Fasteners—Chain 925
Door Guards 843
Door Handles—
- Bungalow Front 804, 806, 808, 810
- Factory Door 838
- Store Door .....823 to 837

Doors Hangers—
- Barn .....958 to 961
- Fire 961
- Parlor 956

Door Holders 917
Door Knobs .....811 to 813
Door Knob Spindles 813
Door Knockers 805, 807, 809
Door Latches—
- Barn 840
- Screw 930

Door Mats—
- Cocoa 975
- Wire 975

Door Openers 877
Door Pulls...770, 773, 779, 842, 843
Door Rail—
- Barn 962, 963
- Show Case 957
- Sliding 957

Door Rings—Trap 901, 935
Door Sets—Screen 908
Door Sheaves
- Show Case 957
- Sliding Door 957
- Sliding Shutter 957

Door Springs .....877, 909 to 913
Door Stay Rollers—Barn..... 962
Door Trips 877
Double Pointed Tacks..... 997
Drawer Handles—Drop.767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 801, 935
Drawer Locks .....862 to 864
Drawer Pulls .....931 to 933
Dry Batteries 876
Dumb Waiters 949

E

Page

Egg Case Nails 1006
Elbow Catches 840, 926
Electric Bell Sets 875
Electric Bells 877
Electric Hand Lamps 878
Electricians' Staples 877
Elongated Escutcheons 814
Emery Cloth 1020
Emery Paper 1020
Escutcheon Pins 955, 995
Escutcheons—
- Cabinet 894
- Elongated 814
- Plate 814

Extension Flush Bolts..... 924
Eye Bolts 965
Eyes—
- Storm Window 915
- Wire Screw 987, 988

Eyes and Hooks..... 984

F

Faces—Register .....1010 to 1014
Factory Door Handles..... 838
Fasteners—
- Casement Window 937
- Chain Door 925
- Ice Box 894
- Refrigerator 893
- Sash 938, 939
- Sash Chain 944

Felt—
- Deafening 1016
- Slaters' 1016
- Tarred 1016
- Threaded 1016

Fence Nails 1004, 1008
Finishes—Description of 751
Finishing Nails 1003, 1008
Fine Nails 1004, 1007
Fire Door Fixtures 961
Fire Door Hangers 961
Fire Pail Hooks 970
Fix All Cement 1022
Fixtures—Fire Door 961
Flaps—Back 887
Flash Lights 878, 879
Flat Head Screws .....989 to 994
Flint Sand Paper 1020
Floor Hinges—
- Checking 906
- Mortise 904
- Surface 905, 906

Floor Spring Hinges.....904 to 906
Floor Stops 917
Flooring Brads—Wire 1003, 1008
Flower Pot Brackets..... 974
Flush Bolts 921, 923, 924
Flush Chest Handles 934
Flush Drawer Handles 935
Flush Rings 935
Flush Sash Lifts....766 to 801, 940
Foot Bolts 920, 922
Foot Scrapers 975
Foundry Nails 1005
Frame Pulleys 947, 948
French Window Catches 928
Friction Catches 926
Front Door Handles and Locks—
- Bungalow..804, 806, 808, 810
- Residence .....823 to 826
- Store Door .....823 to 836

Front Door Lock Sets—
- Arcadian Design 765
- Arles Design 766
- Bungalow 807
- Carson Design 803
- Carvell Design 768
- Ceres Design 822
- Charlton Design 771, 802
- Douglas Design 774, 802
- Florian Design 776
- Gyros Design 777
- Hellas Design 780
- Lydian Design 782

F

Page

Front Door Lock Sets—
- Madison Design 822
- Magnolia Design 784
- Mesa Design 807
- Octagon Design 803
- Plain Design 785
- Randolph Design 822
- Regent Design 789
- Revere Design 791
- Stirling Design..793, 795, 797
- Unit 822
- Warwick Design 798
- Wellington Design 800

Furniture Knobs 936

G

Garage Door Locks 841
Garage Hinges 899
Garment Hangers 969
Garnet Paper 1020
Gate Hinges 902
Gate Hooks and Eyes..... 984
Gate Hooks—Safety 900
Gate Latches 756, 902
Gimp Tacks 999
Glass Door Knobs 811
Glass Push Plates 811
Glass—Window 1021
Glazier Points 1021
Gliding Casters 978
Glue Assortment—Liquid 1022
Glue Kettles 1022
Glue—
- Ground 1022
- Liquid 1022
- Mechanics' 1022
- Sheet 1022

Ground Glue 1022
Gong Bells 875
Guards—Door 843

H

Hair—Plastering 1016
Hall Stand Hooks 967
Hammock Hooks 965
Hand of Locks 752
Hand Rail Brackets 971
Hand Rail Screws 971
Handles—
- Bungalow Front Door.... 804, 806, 808, 810
- Chest 934
- Drawer 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 801, 935
- Factory Door 838
- Lifting 935
- Stationary 936
- Store Door 837

Handles and Latches—Store Door. 836
Handles and Locks—
- Bungalow..804, 806, 808, 810
- Residence .....823 to 826
- Store Door .....823 to 836

Hangers—
- Barn Door .....958 to 961
- Fire Door 961
- Garment 969
- Joist 964
- Parlor Door 956
- Screen 914, 915
- Skirt 969
- Storm Sash 914, 915
- Trouser 969

Hardware Assortment—Miscellaneous 896
Hardware—Bungalow.....804 to 810
Harness Hooks 970
Hasp and Staples 900
Hasps—
- Box 894
- Hinge 899
- Safety 894, 901

Hasps and Latch—Barn Door... 840

H

Page

Hasps, Hooks and Staples 900
Hat Hooks—Coat and....966 to 968
Hinges—
Back Flap 887
Blind 902
Box 888
Brass 888
Checking Floor 906
Chest 887
Corrugated 898
Floor Spring.....904 to 906
Garage 899
Gate 902
Hook and Eye 899
Hook and Strap 899
Ornamental .....889 to 891
Pew Door 887
Refrigerator 890, 892
Screen Door 907, 908
Screw Hook and Eye ... 899
Screw Hook and Strap .. 899
Show Case 907
Spring .....903 to 908
Strap 888, 889
Surface Floor 905, 906
Table 887
Tee 897, 898, 899
Wrought Steel 887
Hinge Assortment 891
Hinge Hasps 899, 900
Hinge Nails 1006, 1008
Hinge Plates 805, 807, 809
Hitching Rings 901
Hob Nails 999
Holder Checks 911
Holders—
Door 917
Label 933
Hook Sash Lifts 940
Hooks and Eyes..... 984
Hooks and Staples.....900, 901
Hooks, Hasps and Staples..... 900
Hooks—
Awning 984
Baggage 970
Bird Cage 974
Cabin Door 984
Ceiling 966
Chandelier 968
Clothes Line 952
Coat and Hat.....966 to 968
Cup 984
Fire Pail 970
Hall Stand 967
Hammock 965
Harness 970
Hotel 966
Kitchen 984
Safety Gate 900
Sash Pull 942
Schoolhouse 966
Screw .....965, 984 to 986
Steel 970
Hoop Nails 1008
Hoop Staples 1000
Horizontal Rim Dead Locks..... 757
Horizontal Rim Knob Locks.... 758
Hot House Pulleys..... 949
Hotel Hooks 966
House Numbers 955
Hungarian Nails 999

I

Ice Box Fasteners 894
Incased Screws Pulleys 949
Incased Swivel Pulleys..... 949
Inside Door Lock Sets—Rim..... 760
Inside Door Lock Sets—Mortise:
Arcadian Design 765
Arles Design 767
Bungalow 805, 807, 809
Carson Design 803
Carvell Design 769
Charlton Design 772, 802
Douglas Design 775, 802

I

Page

Inside Door Lock Sets—Mortise:
Florian Design 776
Gyros Design 778
Hellas Design 780
Latten Design 805
Lydian Design 783
Magnolia Design 784
Mesa Design 807
Octagon Design 803
Plain Design 786, 787
Regent Design 790
Revere Design 791
Stirling Design..794, 795, 797
Warwick Design 798
Wellington Design 801
Yolo Design 809
Insulated Wire 877
Insulating Paper 1016
Iron Cut Nails 1008
Iron Screws—Bright 992
Irons—Sash Cord 946

J

Japanned Screws 993
Joist Hangers 964

K

Keg Staples 1000
Kettles—Glue 1022
Key Blank Assortments 816
Key Blanks—
Cylinder 820, 821
Mortise 818
Padlock 872
Rim 819
Store Door 819
Keys—
Bag 871
Cabinet 871
Chest 870
Cupboard 871
Mortise Door 815
Rim Door 817
Till 871
Trunk 870
Kitchen Hooks 984
Knob Latches—
Mortise 761
Rim 756
Knob Locks—
Mortise .....762 to 764
Rim .....758 to 760
Knob Roses 812
Knob Screws 813
Knob Spindles 813
Knob Washers 813
Knobs—
Base 917
Door .....811 to 813
Furniture 936
Shutter 936
Knockers—Door 805, 807, 809

L

Label Holders 933
Label Holders and Pulls..... 933
Lamps—Electric Hand 878
Latch Assortments—Night 753
Latches and Handles—Store Door 836
Latches—
Barn Door 840, 841
Cupboard 929
Gate 756, 902
Mortise Knob 761
Mortise Night 761
Mortise Screen Door..... 930
Refrigerator 893
Rim Gate 756
Rim Knob 756
Rim Night .....753 to 756
Screen Door 930
Thumb 838, 839

L

Page

Latch Sets—Inside Door.....
766, 778, 787, 794
Letter Box Plates 954, 955
Lifters—Transom 943
Lifting Handles 935
Lifts—Sash..767, 770, 773, 775,
779, 781, 783, 788, 790,
792, 796, 799, 801, 940, 941
Lights—Flash 878, 879
Line Cleats 965
Lining Nails 1005
Lining—Carpet 1016
Liquid Glue 1022
Liquid Glue Assortments 1022
Locker Locks 866
Locks and Handles—
Bungalow..804, 806, 808, 810
Residence .....823 to 826
Store Door .....823 to 836
Locks—
Cabinet .....858 to 868
Chest .....858 to 860
Cupboard 864, 867
Desk 861
Drawer .....862 to 864
Front Door 764
Garage Door 841
Horizontal Rim Dead..... 757
Horizontal Rim Knob..... 758
Locker 866
Mortise Dead 762
Mortise Knob .....762 to 764
Mortise Store Door 764
Pad .....844 to 856F
Piano 861
Refrigerator 893
Rim Dead 757, 758
Rim Knob .....758 to 760
Sash 938, 939
Stable Door 841
Store Door 764
Store Door Dead 757, 758
Till .....862 to 864
Trunk 869
Upright Rim Knob...759, 760
Upright Rim Store Door..
757, 758
Wardrobe 865, 866
Wicket 867
Window Ventilating 940
Lock Sets—
Bath Room Door 787
Front Door—
Arcadian Design 765
Arles Design 766
Bungalow 807
Carson Design 803
Carvell Design 768
Charlton Design ...771, 802
Ceres Design 822
Douglas Design....774, 802
Florian Design 776
Gyros Design 777
Hellas Design 780
Lydian Design 782
Madison Design 822
Magnolia Design 784
Mesa Design 807
Octagon Design 803
Plain Design 785
Randolph Design 822
Regent Design 789
Revere Design 791
Stirling Design.703, 795, 797
Unit 822
Warwick Design 798
Wellington Design 800
Inside Door—
Arcadian Design 765
Arles Design 767
Bungalow 805, 807, 809
Carson Design 803
Carvell Design 769
Charlton Design....772, 802
Douglas Design ...775, 802
Florian Design 776

L

Page

Lock Sets—
- Inside Door—
  - Gyros Design 778
  - Hellas Design 780
  - Latten Design 805
  - Lydian Design 783
  - Magnolia Design 784
  - Mesa Design 807
  - Octagon Design 803
  - Plain Design 786, 787
  - Regent Design 790
  - Revere Design 791
  - Stirling Design.794, 795, 797
  - Warwick Design 798
  - Wellington Design 801
  - Yolo Design 809
- Mortise .....765 to 811
- Rim Knob Lock 760
- Sliding Door—
  - Arles Design 767
  - Carvel Design 769
  - Charlton Design 772
  - Douglas Design 775
  - Florian Design 776
  - Gyros Design 778
  - Hellas Design 781
  - Lydian Design 783
  - Magnolia Design 784
  - Plain Design 788
  - Regent Design 790
  - Revere Design 792
  - Stirling Design 796
  - Warwick Design 799
  - Wellington Design 801
- Sectional 802, 803
- Vestibule Door—
  - Arles Design 766
  - Carvell Design 768
  - Charlton Design ...771, 772
  - Douglas Design 774
  - Gyros Design 777
  - Hellas Design 780
  - Lydian Design 782
  - Plain Design 785
  - Regent Design 789
  - Stirling Design ...793, 795
  - Wellington Design 800

Lock Springs 814
Lock Strikes 814
Loose Pin Butts .....880 to 885

M

Mail Boxes 953, 954
Mats—Door 975
Mechanics' Glue 1022
Middle Butts 888
Miscellaneous Hardware Assortmt. 896
Mortise Dead Locks 762
Mortise Door Bolts 925
Mortise Door Knobs 813
Mortise Floor Spring Hinges.... 904
Mortise Key Blanks 818
Mortise Knob Latches 761
Mortise Knob Locks.....762 to 764
Mortise Locks Sets.....765 to 811
Mortise Night Latches 761
Mortise Store Door Locks..... 764
Motorcycle Padlocks 853

N

Nails—
- Barrel 1005, 1008
- Box 1003
- Canvas 995
- Car 1004
- Casing 1003, 1008
- Cement Coated 1006
- Clinch Cut 1007
- Clinch Wire 1003
- Clout 995
- Common Cut 1007
- Common Wire 1002, 1006
- Cut 1007, 1008
- Egg Case 1006

N

Page

Nails—
- Felt Roofing 1005
- Fence 1004, 1008
- Fine Cut 1007
- Fine 1004
- Finishing 1003, 1008
- Flooring 1003
- Foundry 1005
- Hinge 1006, 1008
- Hob 999
- Hoop 1008
- Hungarian 999
- Iron Cut 1008
- Lining 1005
- Rafter Bracket 1006
- Roofing 1005
- Shoe 999, 1000
- Shingle 1004, 1008
- Siding 1004
- Slating 1004
- Steel Cut 1007, 1008
- Steel Wire .....1001 to 1006
- Trunk 995

Name Plates 933
Narrow Butts 884, 886, 888
Neck Bolts 919
Netting Staples—Poultry 1000
Nickel Plated Screws..... 993
Night Latch Assortments 753
Night Latches—
- Mortise 761
- Rim .....753 to 756
- Unit 756

Numbering Tacks 915
Numbers—House 955

O

Openers—Door 877
Ornamental Hinges .....890 to 891

P

Padlocks .....844 to 856F
Padlock Key Blanks 872
Pail Hooks—Fire 970
Paint—
- Barn 1019
- Roofing 1019

Paper—
- Asbestos 1016
- Building 1016
- Emery 1020
- Flint 1020
- Garnet 1020
- Insulating 1016
- Plaster Board 1016
- Rosin Sized Sheathing.... 1016
- Straw Board 1016
- Tarred Board 1016
- Sand 1020

Parlor Door Hangers..... 956
Pew Door Hinges..... 887
Piano Casters 983
Piano Locks 861
Pins—Escutcheon 955, 995
Pistol Flash Light 878
Pivot Door Checks 906
Plaster Board Paper..... 1016
Plastering Hair 1016
Plate Casters .....977 to 982
Plate Escutcheons 814
Plates—
- Hinge 805, 807, 809
- Letter Box 954, 955
- Name 933
- Pull 942
- Push 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 805, 807, 809, 811
- Ventilating 1015

Plugs—Spark 878
Pocket Ammeters 878
Pocket Flash Lights 878, 879
Pocket Volt Ammeters 878

P

Page

Points—Zinc Glazier 1021
Poles—Sash Pull 942
Porch Brackets 972
Porch Supports 972
Pot Brackets—Flower 974
Poultry Netting Staples 1000
Prepared Roofing 1017, 1018
Preserver—Wood 1019
Pulleys—
- Awning 951, 952
- Ceiling 949
- Clothes Line 952
- Dumb Waiter 949
- Frame 947, 948
- Hot House 948
- Incased 949
- Sash 947, 948
- Screw 949, 950
- Side 950
- Swivel 949
- Tackle 951, 952
- Upright 950

Pull Hooks—Sash 942
Pull Plates—Sash 942
Pull Poles—Sash 942
Pulls—
- Brass 931
- Door..770, 773, 779, 842, 843
- Drawer .....931 to 933

Push Buttons 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 803, 805, 807, 809, 877
Push Button Catches 926
Push Plates 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 797, 799, 801, 805, 807, 809, 811
Putty 1021

R

Rafter Bracket Nails 1006
Rail—
- Barn Door 962, 963
- Parlor Door 956
- Sliding Door 957

Rail Brackets—Hand 971
Rail Screws—Hand 971
Railroad Spikes 1009
Railway Spikes 1009
Refrigerator Catches 893
Refrigerator Fasteners 893
Refrigerator Hinges 890, 892
Refrigerator Latches 893
Refrigerator Locks 893
Register Borders .....1010 to 1014
Register Buttons 1015
Register Faces 1010 to1014
Registers—
- Round 1014
- Semi-Steel .....1010 to 1014
- Side Wall 1015

Residence Front Door Handles and Locks.....823 to 826
Rests—Shelf 972
Rim Dead Locks.....757, 758
Rim Door Knobs 813
Rim Gate Latches 756
Rim Key Blanks 819
Rim Knob Latches 756
Rim Knob Locks.....758 to 760
Rim Knob Lock Sets..... 760
Rim Night Latches.....753 to 756
Rings—
- Flush 935
- Hitching 901
- Trap Door 901, 935

Rollers—
- Barn Door Stay 962
- Sash 939

Roof Coating 1019
Roofing—Prepared 1017, 1018
Roofing Brushes 1018
Roofing Caps 1018
Roofing Discs 1018

R

Page

Roofing Nails 1005
Roofing Paint 1019
Roses—Knob 812
Rosin Sized Sheathing..... 1016
Round Head Screws.....992, 993
Round Hooks and Staples..... 900

S

Safety Gate Hooks 900
Safety Hasps 894, 900
Sand Paper 1020
Sash Balances 946
Sash Centers 944
Sash Chain 945
Sash Chain Fasteners 944
Sash Cord 945
Sash Cord Irons 944
Sash Fasteners 938, 939
Sash Lifts—
  Bar 941
  Flush 767, 770, 773, 775, 779, 781, 783, 788, 790, 792, 796, 801, 940, 941
Sash Locks 938, 939
Sash Mouse 944
Sash Pulleys 947, 948
Sash Pull Hooks 942
Sash Pull Plates 942
Sash Pull Poles 942
Sash Rollers 939
Sash Weights 946
School House Hooks..... 966
Scrapers—Foot 975
Screen Door Bolts 921
Screen Door Braces 913
Screen Door Butts 887
Screen Door Catches 929, 930
Screen Door Checks 912
Screen Door Hangers 907, 908
Screen Door Latches 930
Screen Door Sets 908
Screen Door Springs 913
Screen Fasteners .....914 to 916
Screen Hangers 914, 915
Screen Window Catches 916
Screen Window Fasteners 916
Screw Eyes 987, 988
Screw Hook and Eye Hinges.... 899
Screw Hook and Strap Hinges... 899
Screw Hooks .....965, 984 to 986
Screw Pulleys 949, 950
Screws—
  Blued 993
  Bright Iron 992
  Brass 992, 993
  Case, Contents of..... 994
  Illustration of Flat Head. 989 to 991
  Japanned 993
  Knob 813
  Nickel Plated 993
  Oval Head 993
  Round Head 992, 993
  Stop 939
  Weight of 994
Secret Rim Gate Latches..... 756
Semi Steel Registers....1010 to 1014
Sets—
  Basement Window 916
  Front Door Lock...765 to 822
  Inside Door Lock..765 to 809
  Latch 766, 778, 787, 794
  Mortise Lock.....765 to 811
  Rim Knob Lock..... 760
  Screen Door 908
  Screen Hanger 914, 915
  Sectional Door Lock..802, 803
  Sliding Door Lock..767 to 800
Sheathing—Rosin Sized 1016
Sheaves—
  Show Case Door..... 957
  Sliding Door 957
  Sliding Shutter 957
Sheet Glue 1022
Shelf Brackets 973

S

Page

Shelf Rests 972
Shelves—Steel 972
Shingle Nails 1004, 1008
Shoe Nails 999, 1000
Shoe Tacks 999
Show Case Door Sheaves..... 957
Show Case Door Sheave Track... 957
Show Case Hinge 907
Shutter Knobs 936
Shutter Sheaves—Sliding 957
Side Pulleys 950
Side Wall Registers 1015
Siding Nails 1004
Skirt Hangers 969
Slaters' Felt 1016
Slating Nails 1004
Sliding Door Locks Sets—
  Arles Design 767
  Carvell Design 769
  Charlton Design 772
  Douglas Design 775
  Florian Design 776
  Gyros Design 778
  Hellas Design 781
  Lydian Design 783
  Magnolia Design 784
  Plain Design 788
  Regent Design 790
  Revere Design 791
  Stirling Design 796
  Warwick Design 799
  Wellington Design 801
Sliding Door Rail 957
Sliding Door Sheaves 957
Sliding Parlor Door Hangers.... 956
Sliding Shutter Sheaves 957
Slides—Desk 895
Sockets—Window Spring Spring Bolt 942
Spark Plugs 878
Spikes—
  Barge 1009
  Boat 1009
  Railroad 1009
  Street Railway 1009
Spindles—
  Closet Knob 813
  Door Knob 813
Splicing Tape 877
Spring Bolt Sockets 942
Spring Bolts 919, 942
Spring Butts 904
Springs Hinges .....903 to 908
Springs—
  Door .....877, 909 to 913
  Door Check .....909 to 912
  Lock 814
  Screen Door 913
  Window 942
Springs and Checks—Door.909 to 912
Square Bolts 919
Square Screw Hooks 986
Standard Steel Wire Nails..... 1002 to 1006
Staples—
  Bed Spring 1000
  Blind 1000
  Butter Tub 1000
  Electricians' 877
  Hoop 1000
  Keg 1000
  Netting 1000
  Poultry Netting 1000
  Tub 1000
  Wire Cloth 997
  Wrought Steel 901
Staples and Hasps 900
Staples and Hooks 900, 901
Staples, Hooks and Hasps..... 900
Stationary Handles 936
Stay Rollers—Barn Door 962
Steel Cut Nails 1007, 1008
Steel Hooks 970
Steel Shelves 972
Steel Track—Show Case Sheave. 957
Steel Wire Nails .....1001 to 1006

S

Page

Steel Wire Spikes 1006
Steel Wool 1019
Stem Casters 977, 978
Stop Adjusters—Window 939
Stop-a-Leke Styck 1019
Stop Screws and Washers..... 939
Store Casters 983
Store Door Handle and Latch... 836
Store Door Handle and Lock... 823 to 836
Store Door Handles 837
Store Door Key Blanks 819
Store Door Mortise Locks..... 764
Store Door Rim Dead Locks.757, 758
Storm Sash Fasteners 914, 915
Storm Sash Hangers 914, 915
Storm Window Eyes 915
Strap Hinges 888, 898, 899
Straw Board 1016
Street Railway Spikes 1009
Strikes—Lock 814
Styck—Stop-a-Leke 1019
Supports—Porch 972
Surface Chest Handles 934
Surface Door Butts 883
Surface Floor Hinges.....905, 906
Switch—Base 877
Swivel Pulleys 949

T

Table Hinges 887
Tack Assortments—Carpet 997
Tacks—
  Bill Posters' 998
  Carpet 996, 997
  Cheese Box 998
  Copper 996
  Cut 998
  Double Pointed 997
  Gimp 999
  Numbering 915
  Shoe 999
  Upholsterers' 998
Tackle Pulleys 951, 952
Tape—Splicing 877
Tarred Board 1016
Tarred Felt 1016
Tee Hinges .....897 to 899
Threaded Felt 1016
Thumb Latches 838, 839
Till Keys 871
Till Locks .....862 to 864
Track—
  Barn Door 962, 963
  Parlor Door 956
  Show Case Sheave..... 957
  Sliding Door 957
Transom Catches 927
Transom Chain 944
Transom Lifters 943
Trap Door Rings 901, 935
Trips—Door 877
Trouser Hangers 969
Truck Casters .....982 to 983
Trunk Keys 870
Trunk Locks 869
Trunk Nails 995
Tub Staples—Butter 1000
Turns—Cupboard 928, 929

U

Unit Front Door Lock Set..... 822
Unit Night Latches 756
Upholsterers' Tacks 998
Upright Pulleys 950
Upright Rim Dead Locks....757, 758
Upright Rim Knob Locks...759, 760

V

Ventilating Plates 1015
Vestibule Door Lock Sets—
  Arles Design 766
  Carvell Design 768

V

	Page
Vestibule Door Lock Sets—	
Charlton Design 771,	772
Douglas Design	774
Gyros Design	777
Hellas Design	780
Lydian Design	782
Magnolia Design	784
Plain Design	788
Regent Design	790
Revere Design	792
Stirling Design	796
Warwick Design	799
Wellington Design	801
Volt Ammeters	878

W

Wall Registers—Side	1015
Wardrobe Locks 865,	866

W

	Page
Washers—	
Knob	813
Stop Screw and	939
Weights—	
Approximate Screw	994
Register	1015
Sash	946
Wicket Locks	867
Window Adjusters—Casement ..	937
Window Bolts 916,	921
Window Catches—	
French	928
Screen	916
Window Eyes—Storm	915
WindowFasteners—	
Casement	937
Screen	916
Window Glass	1021
Window Sets—Basement	916
Window Springs	942

W

	Page
Window Spring Bolts	942
Window Spring Bolt Sockets...	942
Window Stop Adjusters	939
Window Ventilating Locks	940
Wire—Insulated	877
Wire Brads	1001
Wire Carpet Tacks	997
Wire Cloth Staples	997
Wire Door Mats	975
Wire Nails .....1001 to	1006
Wire Screw Eyes 987,	988
Wire Screw Hooks .....984 to	986
Wire Spikes	1006
Wood Preserver	1019
Wool—Steel	1019
Wrought Staples	901

Z

Zinc Glazier Points	1021

Description of Finishes.

PRITZLAFF FINISHES

J —Japanned.
E —Etruscan Bronzed.
L —Bronze Plated, Light Natural Finish.
OC —Old Copper Finish.
OCS—Old Copper, Sand Blast Finish.
DB —Dull Brass Finish.
DBS—Dull Brass, Sand Blast Finish.
ABS—Antique Brass, Sand Blast Finish.
BB—Bower-Barff Finish.
EB—Electro Plated Dead Black Finish.
IB —Dead Black, Outside Edge Polished Brass.
N —Nickel Plated.
Z —Sherardized Finish.
B —Polished Brass.
SB—Statuary Bronze.

Leading Finishes Comparative with other Manufacturers.

Pritzlaff.	P. & F. Corbin.	Reading Hdw. Co.	Sargent & Co.	Yale & Towne Co.	Russell & Erwin Co.	Stanley Works.
L	B	1	P	BZ 10	11	A
SB	LB	2	A	CY 22	2	B
N	E	80	N	NZ 10	4	N
EB	KF	87½	BN	BX 16	06	H
OC	R	24	AB	CZ 17	7½	D 2
DB	EA	37	OB	AY 22	9	F
B	A	31	B	AZ 10	10	C
	HA	34	EB	AY 57	9¾	F 2
ABS	SHA	35	RK	AX 17	09¾	SF 2
OCS	SR	25	RB	CX 17	7¾	SD 2
E		10	T	FW 8	Kahala	
	P	13	K	FBZ 36	3	
L	N	11	Y	FBZ 10	11	
BB	F	87	BB	FX 80	46	G
	V		VA	AX 67	36	
DBS			RD	AX 22	09B	SF 4

Backset of Locks.

BACKSETS (Distance from edge of door to center of lock hub or keyhole). The proper method of measuring the backset of locks is as follows:

Front Locks—The backset is measured from the outside face of the front to the center of the hub.

Beveled Front Locks—The backset is measured from the center of the outside face of the front to the center of the hub.

Rabbeted Front Locks—The backset is measured from the outside face of the lower step of the front to the center of the hub.

Bevel Rabbeted Locks—The backset is measured from the outside face of the lower step of the front to the center of the hub.

Spacing.

SPACING is the distance between the center of the hub and the center of the top or round portion of the keyhole, except in Cylinder or Flat Key Locks, when it is measured from the center of the hub to the center of the keyhole.

Bevel of Doors.

Bevel of Doors—A beveled door is one having its front edge beveled, as shown: Fig. 1. The regular bevel usually adopted is ⅛ inch in 2¼ inches.

To obtain the bevel place a square on door as shown in cut. Give the distance from corner of square to the bevel, then give thickness of door.

Bevel of Mortise Lock Fronts.

Bevel of Mortise Lock Fronts—A mortise lock with beveled front, if regular, has its front set on an angle equal to ⅛ inch in 2¼ inches. All other bevels are irregular or special.

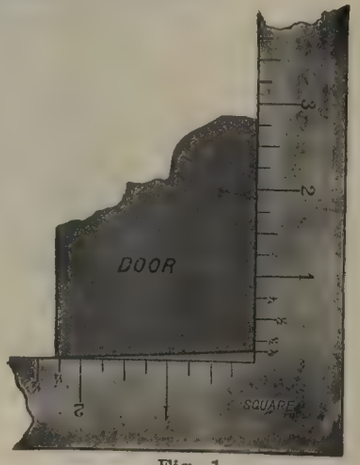


Fig. 1.
Door Beveled ⅛ in. in 2¼ in.

Hand of Locks.

This Door takes a **Right-Hand Lock.** This Door takes a **Left-Hand Lock.**

This Door takes a Right-Hand Reverse-Bevel Lock. **This Door takes a Left-Hand Reverse-Bevel Lock.**

"Reversible" Locks, when not Beveled, are adapted for use upon any of these Doors.
"Not Reversible" Locks can be used only upon the Doors for which they are made.
When Ordering Not Reversible or Beveled Locks, Specify the Hand Wanted.

Night Latch Assortments.

PRITZLAFF

Mounted.

Per Assortment

Pritzlaff—Containing One Each Nos. 185/J, 185/OC, 24/OC, 86, 100 and 138 Rim Night Latches Mounted on an Attractive Display Board Showing Latches in Actual Position as They Would Appear on the Door, Complete with Screws, Boxes and Directions **$11.00**

One Assortment in a Box, Weight About 13¼ Pounds.

YALE

Mounted.

Per Assortment

Yale—Containing One Each No. 34, 42, 33, 042, 26 and 37 Yale Rim Night Latches Mounted on an Attractive Display Board Showing Latches in Actual Position as They Would Appear on the Door, Complete with Screws, Boxes and Directions **$13.50**

One Assortment in a Box, Weight About 13¼ Pounds.

Rim Night Latches.

Cuts One-third Size

PRITZLAFF

Backset 2⅜ in.

Per Dozen

No. 185/J —2½x3⅝ in. Cast Iron Case, Japanned Finish, Bronze Metal Bolts, Knob and Cylinder, 3 German Silver Keys No. 950, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in..... **$26.75**

No. 185/OC—Same as No. 185/J, but Old Copper Finish **28.90**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 21 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2⅜ in.

Per Dozen

No. 24/OC—2½x3½ in. Cast Iron Case, Old Copper Finish, Bronze Metal Bolts, Knob and Cylinder, 3 German Silver Keys No. 950, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in..... **$29.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 21 Pounds.

One-twelfth Dozen in a Box, with Screws.

Rim Night Latches.

Cuts One-third Size

YALE

Backset 2 in.

Per Dozen

No. 20—2¼x3 in. Cast Iron Case, Japanned Finish, Bronze Plated Iron Bolt and Steel Turn Knob, Bronze Metal Stop, Reversible, Wrought Brass Cylinder, 2 No. 40 Nickel Plated Flat Steel Keys, 24 Changes, Bronze Metal Plate Escutcheon, for Doors up to 1¾ in.....**$8.50**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 12 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2⅜ in.

Per Dozen

No. 37—2x3⅝ in. Cast Iron Case, Japanned Finish, Bronze Metal Bolt, Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 16 Corrugated German Silver Keys, 4 Pin Tumblers, 1,500 Changes, for Doors ⅞ to 2½ in..**$26.75**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 16 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2 in.

Per Dozen

No. 33—2¼x3 in. Cast Iron Case, Japanned Finish, Bronze Plated Iron Bolt, Bronze Metal Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 1 Flat Steel Nickel Plated Keys, 4 Pin Tumblers, 1,500 Changes, for Doors ⅞ to 1½ in.....**$20.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 14 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2⅜ in.

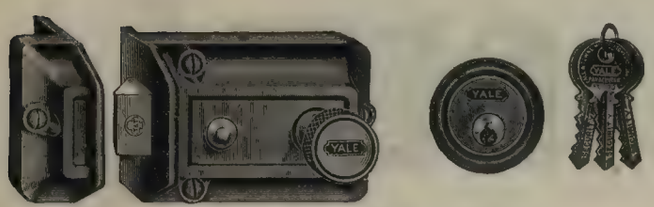
Per Dozen

No. 34—2¼x3½ in. Cast Iron Case, Japanned Finish, Bronze Plated Iron Bolt, Bronze Metal Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 17 Corrugated German Silver Keys, 4 Pin Tumblers, 1,500 Changes, for Doors up to 1½ in.....**$24.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 15 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 2⅜ in.

Per Dozen

No. 042—2½x3⅝ in. Cast Iron Case, Japanned Finish, Bronze Metal Bolt, Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in.....**$30.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 18 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2⅜ in.

Per Dozen

No. 42—2⅜x3½ in. Cast Iron Case, Old Copper Finish, Bronze Metal Bolt, Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 8 Paracentric Nickel Bronze Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in.....**$33.50**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop.

Weight Per Dozen 21 Pounds.

One-twelfth Dozen in a Box, with Screws.

Rim Night Latches.

Cuts One-third Size

Backset 2⅜ in.

Per Dozen

No. 45—2⅜x3½ in. Cast Iron Case, Old Copper Finish, Bronze Metal **Automatic Deadlocking** Bolt, Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in.....**$40.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop. When door is closed, the two pivoted Hooks in the Strike are forced apart by the Bolt and automatically close over it, thus securely locking the door.

Weight Per Dozen About 18 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2⅜ in.

Per Dozen

No. 46—2⅜x3½ in. Cast Iron Case, Old Copper Finish, Bronze Metal **Double Throw** Dead Locking Bolt, Turn Knob and Stop, Reversible, Bronze Metal Cylinder, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in.....**$41.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by Stop. The Bolt may be given a second throw by Key from Outside or by Knob from Inside, which deadlocks, making it proof against end pressure.

Weight Per Dozen 18 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2¼ in.

Per Dozen

No. 26—2x3¼ in. Iron Case, Japanned Finish, Bronze Plated Iron Bolt, Nickel Plated Steel Turn Knob and Key Plate, Reversible, Brass Tube, 2 No. 41 Nickel Plated Solid Steel Keys, Warded, 6 Changes, for Doors Up to 1¾ in.....**$6.75**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held back by an extra turn of Knob.

Weight Per Dozen 12 Pounds.

One-twelfth Dozen in a Box, with Screws.

Backset 2⅛ in.

Per Dozen

No. 86P—2x3 in. Iron Case, Japanned Finish, Brass Plated Iron Bolt and Turn Knob, Wrought Brass Key Plate, Reversible, Brass Tube, 2 No. 905 Nickel Plated Flat Steel Keys, 36 Changes, for Doors ⅞ to 1⅝ in.....**$5.00**

Operation—By Key from Outside, by Turn Knob from Inside. Bolt may be held by an extra turn of Knob.

Weight Per Dozen 12 Pounds.

One-twelfth Dozen in a Box, with Screws.

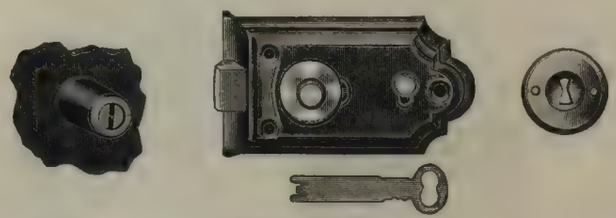
Backset 2¼ in.

Per Dozen

No. 100P—2½x3½ in. Iron Case, Japanned Finish, Iron Bolt, Nickel Plated Brass Slide Knob and Stop, Bronze Metal Key Plate, Reversible, 2 No. 905 Nickel Plated Flat Steel Keys, 36 Changes, for Doors 1 to 1¾ in.....**$5.50**

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box, with Screws.



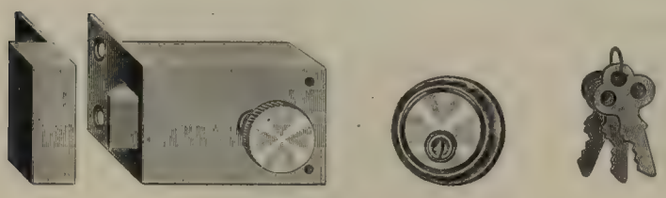
Backset 2⅛ in.

Per Dozen

No. 138P—2½x3¾ in. Iron Case, Japanned Finish, Iron Bolt, Nickel Plated Bronze Slide Knob, with Stop, Reversible, 2 Nickel Plated Flat Steel Keys, 36 Changes, Bronze Metal Plate Escutcheon, for Doors 1¼ to 1¾ in.....**$10.00**

Weight Per Dozen About 15 Pounds.

One-twelfth Dozen in a Box, with Screws.



No. C74.

Backset 2 in.

Per Dozen

No. C74—2x3 in. Wrought Steel Case, Coppered Finish, Bronze Metal Bolt and Turn Knob, Reversible, Bronze Metal Cylinder, 3 Flat Steel Keys, Pin Tumblers, Changes Unlimited, for Doors ¾ to 3 in..**$14.50**

Operation—By Key from Outside, by Knob from Inside. Self-locking.

Weight Per Dozen 9 Pounds.

One-twelfth Dozen in a Box, with Screws.

Rim Night Latches.

Cuts One-third Size

Backset 2⅜ in. Per Dozen

No. 3504—2½x3⅝ in. Cast Iron Case, Japanned Finish, Bronze Metal Bolt, Turn Knob and Ring, Reversible, Bronze Metal Cylinder, 3 Embossed Gilt Bow German Silver Keys, Changes Unlimited, for Doors ⅞ to 2¾ in. **$24.00**

Operation—By Key from Outside, by Knob from Inside. Bolt may be held back by Setting Stop.

Weight Per Dozen 21 Pounds.

One-twelfth Dozeh in a Box, with Screws.

Backset 2 in. Per Dozen

No. 4978—2⅜x3⅝ in. Cast Iron Case, Japanned Finish, Bronze Metal Easy Spring Bolt, Bronze Metal Automatic Turn Knob, Reversible, Heavy Bronze Metal Cylinder, 3 Nickel Plated Flat Steel Keys, 48 Changes, Bronze Metal Plate Escutcheon, for Doors ⅞ to 2 in. **$18.00**

Operation—By Key from Outside, by Knob from Inside. Self-locking. Patented Stay Back. Bolt retained by turn of Knob.

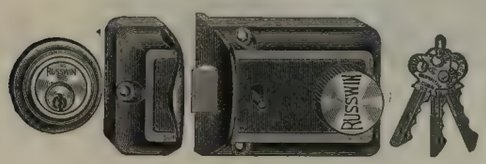
Weight Per Dozen 12 Pounds.

One-twelfth Dozen in a Box, with Screws.

Two Reverse Bevel Strikes Packed with Each Dozen.

Rim Night Latches.

Cut One-third Size



Backset 2 in.

Per Dozen

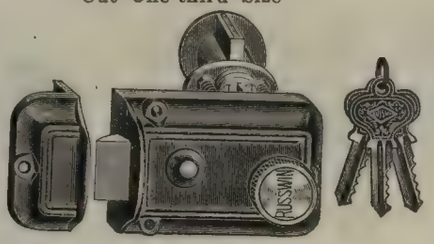
No. 1292—3x2¼ in. Cast Iron Case, Japanned Finish, Bronze Plated Iron Bolt and Turn Knob, Cast Bronze Cylinder, Reversible, 3 German Silver Keys, 2,000 Changes, for Doors 1 to 2¼ in. **$17.00**

Weight Per Dozen 24 Pounds.

One-twelfth Dozen in a Box, with Screws.

Unit Night Latches.

Cut One-third Size



With Ball Bearing Adjustable Cylinders.

Backset 2½ in. Per Dozen

No. R290—2⅜x3⅝ in. Cast Iron Case, Japanned Finish, Bronze Metal Bolt, Cylinder and Turn Knob, Reversible, 3 German Silver Keys, Changes Unlimited, for Doors 1 to 2¼ in. **$24.50**

Weight Per Dozen 24 Pounds.

One-twelfth Dozen in a Box, with Screws.

Rim Knob Latches.

Cuts One-third Size

Backset 2⅝ in.

Per Dozen

No. 200L—2½x3¾ in. Japanned Iron Case, Iron Bolt and Hub, Reversible **$2.25**

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box, with Screws.

Backset of Hub 2½ in., of Slide 1¼ in.

Per Dozen

No. 203L—2½x3¾ in. Japanned Iron Case, Iron Bolts, Hub and Thumb Piece, Reversible **$2.70**

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box, with Screws.

Backset 2¾ in.

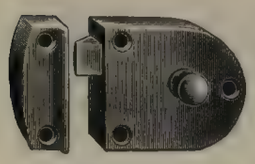
Per Dozen

No. 3552—2½x4 in. Ivory Black Wrought Steel Case, Iron Bolts and Hub, Brass Slide Knob, Reversible **$3.80**

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box, with Screws.

Secret Rim Gate Latches.



Cut One-third Size

Iron Case and Strike, Iron Bolt, Reversible, Operated from Bottom of Case.

Per Dozen

No. 4305/J —Japanned Finish **$6.25**
No. 4312/OC—Old Copper Finish **8.50**
No. 4314/DB—Dull Brass Finish **8.50**
No. 4315/BB—Bower-Barff Finish **8.50**

Especially Designed for Gates in Office Railings, Etc.

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box, with Screws.

Horizontal Rim Dead Locks.

Cuts One-third Size

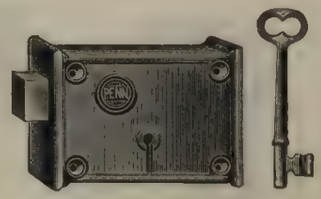
Backset 2 in.

Per Dozen

No. 358—2x2¾ in. Japanned Iron Case, Iron Bolt, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 4 Changes, Japanned Plate Escutcheon..**$1.90**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box, with Screws.



Backset 1⅝ in.

Per Dozen

No. 353—2¼x3 in. Japanned Iron Case, Iron Bolt, Shoots Both Ways, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 6 Changes, Japanned Plate Escutcheon.....**$2.25**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box, with Screws.

Backset 2½ in.

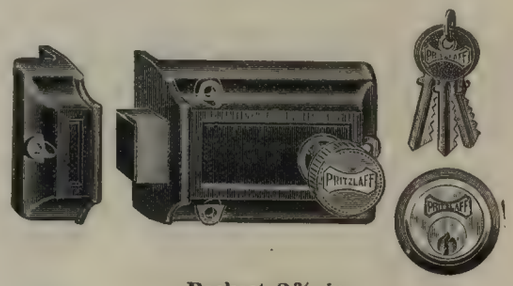
Per Dozen

No. 362—3x4 in. Japanned Iron Case, Iron Bolt, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 6 Changes, Japanned Plate Escutcheon..**$4.00**

No. 360—2¾x4 in. Japanned Iron Case, Iron Bolt, Reversible, 3 Wrought Steel Tumblers, 1 Nickel Plated Steel Key, 72 Changes, Japanned Plate Escutcheon 5.60

Weight Per Dozen About 13 Pounds.

One-half Dozen in a Box, with Screws.



Backset 2⅜ in.

Per Dozen

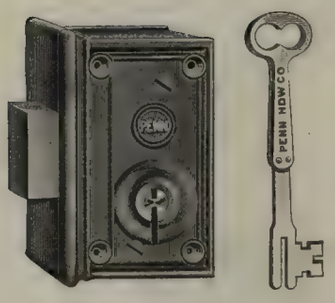
No. 180—2½x3⅝ in. Japanned Iron Case, Bronze Metal Bolt, Turn Knob and Cylinder, Reversible, 3 Gold Plated German Silver Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 3 in.....**$31.00**

Operation—By Key from Outside, by Turn Knob from Inside.

One-twelfth Dozen in a Box, with Screws.

Upright Store Door Rim Dead Locks.

Cuts One-third Size



Backset 1⅝ in.

Per Dozen

No. 388—4x2½ in. Japanned Iron Case, Iron Bolt, Reversible, 1 Tumbler, 2 Nickel Plated Flat Folding Steel Keys, 24 Changes, Japanned Plate Escutcheon **$9.50**

Weight Per Dozen 24 Pounds.

One-half Dozen in a Box, with Screws.

Backset 2 in.

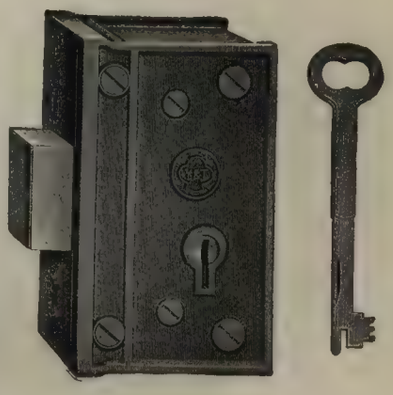
Per Dozen

No. 391—5x3 in. Japanned Iron Case, Iron Bolt, Reversible, **1 Tumbler**, 2 Nickel Plated Flat Folding Steel Keys, 24 Changes, Japanned Plate Escutcheons **$10.50**

No. 390—5x3 in. Japanned Iron Case, Iron Bolt, Reversible, **3 Tumblers**, 2 Nickel Flat Steel Keys, 72 Changes, Japanned Plate Escutcheon.. **14.50**

Weight Per Dozen 32 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 2¼ in.

Per Dozen

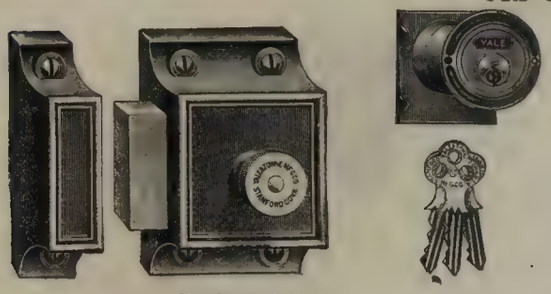
No. 393—6x3½ in. Japanned Iron Case, Iron Bolt, Reversible, 1 Tumbler, 2 Nickel Plated Flat Folding Steel Keys, 12 Changes, Japanned Plate Escutcheon **$20.00**

Weight Per Dozen 41 Pounds.

One-twelfth Dozen in a Box, with Screws.

Upright Store Door Rim Dead Locks.

Cuts One-third Size



Backset 1¼ in.

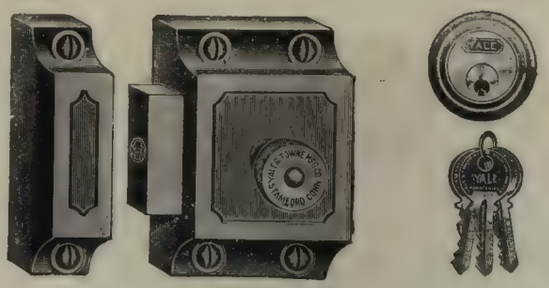
Per Dozen

No. 16—4x2½ in. Japanned Iron Case, Bronze Metal Bolt and Turn Knob, Reversible, Bronze Metal Cylinder and Tube, 3 No. 17 Corrugated Nickel Plated Steel Keys, 4 Pin Tumblers, 1,500 Changes, for Doors up to 1½ in.....$42.25

Operation—By Key from Outside, by Knob from Inside.

Weight Per Dozen 25 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 1¼ in.

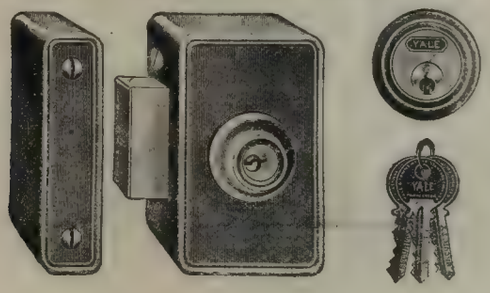
Per Dozen

No. 5—4x2½ in. Iron Case, Old Copper Finish, Bronze Metal Bolt, Turn Knob and Cylinder, Reversible, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors 1⅛ to 3 in.....$51.00

Operation—By Key from Outside, by Knob from Inside.

Weight Per Dozen 27 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 1¼ in.

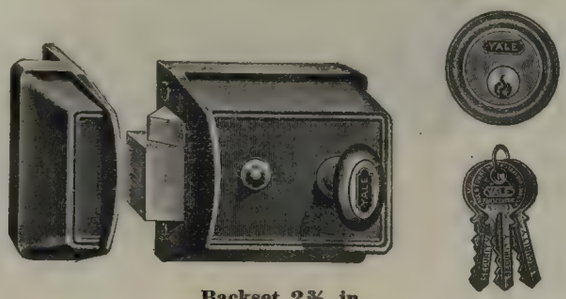
Per Dozen

No. 3—4x2½ in. Iron Case, Old Copper Finish, Bronze Metal Bolt and Cylinder, Reversible, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 3 in.....$69.00

Operation—By Key from Either Side.

Weight Per Dozen 28 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 2⅜ in.

Per Dozen

No. 90—3½x3 in. Iron Case, Old Copper Finish, Bronze Metal Automatic Dead Locking Bolt, Turn Knob, Cylinder and Stop, Reversible, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors ⅞ to 2½ in.....$49.00

Operation—By Key from Outside, by Knob from Inside. When unlocked by Key or Turn Knob both Dead and Trigger Bolts are withdrawn and held back in case. When Stop on Case is pushed down, the Trigger Bolt is released and thrown out. When door is closed, the Trigger Bolt automatically releases Dead Bolt, which is also thrown and locked.

Weight Per Dozen 28 Pounds.

One-twelfth Dozen in a Box, with Screws.

Horizontal Rim Knob Locks.

Cuts One-third Size

Backset of Hub 3⅛ in., of Key Hole 1½ in.

Per Dozen

No. 902—3⅜x4¼ in. Japanned Iron Case, Brass Plated Iron Bolts, Iron Hub, with Stop, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 6 Changes, Japanned Plate Escutcheon.....$2.70

No. 906—Same Description as No. 902, but with Nickel Plated Steel Key 3.90

No. 908—Same Description as No. 902, but with Brass Bolts and Nickel Plated Steel Key..... 5.00

Weight Per Dozen 18 Pounds.

One-half Dozen in a Box, with Screws.

Backset of Hub 3¾ in., Backset of Key Hole 2⅝ in.

Per Dozen

No. 3200—3¼x4¼ in. Wrought Steel Case, Ivory Black Finish, Steel Bolts, Iron Hub, with Stop, Reversible, 1 Tumbler, 1 Nickel Plated Steel Key, 4 Changes, Japanned Plate Escutcheon $4.70

Weight Per Dozen 13 Pounds.

One-half Dozen in a Box, with Screws.

Colonial Upright Rim Knob Locks.

Cuts One-third Size

PRITZLAFF

Backset 2⅜ in., with Stop.

Per Dozen

No. 414—4x3¼ in. Smooth Surface Black Enameled Iron Case, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes, with Plate Escutcheon $3.75

No. 415—Same as No. 414, with **Brass Plated Iron Bolts** 4.00

No. 416—Same as No. 414, with **Brass Bolts** and **Nickel Plated Brass Key** 5.25

Weight Per Dozen About 18 Pounds.

One-half Dozen in a Box, with Screws.

PRITZLAFF

Backset 2⅜ in., with Slide Bolt.

Per Dozen

No. 417—4x3¼ in. Smooth Surface Black Enameled Iron Case, Iron Bolt and Hub, Reversible, 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes, with Plate Escutcheon $4.00

No. 418—Same as No. 417, with **Brass Plated Iron Bolts** 5.00

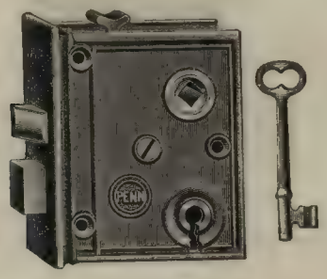
No. 419—Same as No. 417, with **Brass Bolts** and **Nickel Plated Brass Key** 6.25

Weight Per Dozen About 18 Pounds.

One-half Dozen in a Box, with Screws.

Upright Rim Knob Locks.

Cuts One-third Size



Backset 2$\frac{5}{16}$ in., with Stop.

Per Dozen

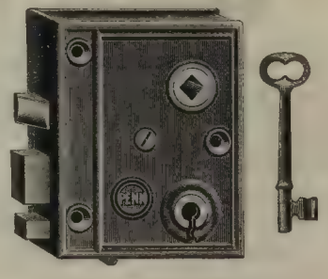
No. 1970—4x3¼ in. Japanned Iron Case, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 6 Changes, Japanned Plate Escutcheons $2.25

No. 956—Same as No. 1970, with Iron Bolts and **Nickel Plated Solid Steel Key** 3.50

No. 958—Same as No. 1970, with **Brass Bolts** and **Nickel Plated Solid Steel Key** 4.50

Weight Per Dozen About 18 Pounds.

One-half Dozen in a Box, with Screws.



Backset 2$\frac{5}{16}$ in., with Slide Bolt.

Per Dozen

No. 953—4x3¼ in. Japanned Iron Case, Brass Plated Iron Bolts, Iron Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 6 Changes, Japanned Plate Escutcheons $4.00

No. 957—Same as No. 953, with **Nickel Plated Steel Key** 4.75

No. 959—Same as No. 953, with **Brass Bolts** and **Nickel Plated Solid Steel Key** 5.75

Weight Per Dozen About 18 Pounds.

One-half Dozen in a Box, with Screws.

Backset 2½ in., with Stop.

Per Dozen

No. 960—4½x3½ in. Japanned Iron Case, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Malleable Iron Key, 12 Changes, Japanned Plate Escutcheons $4.50

No. 964—Same as No. 960, but with **Brass Bolts** and **Nickel Plated Solid Steel Key** 7.25

Weight Per Dozen About 21 Pounds.

One-half Dozen in a Box, with Screws.

Backset 2½ in., with Slide Bolt.

Per Dozen

No. 961—4½x3½ in. Japanned Iron Case, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 12 Changes, Japanned Plate Escutcheon $5.75

No. 963—Same as No. 961, but with **Nickel Plated Solid Steel Key** 7.25

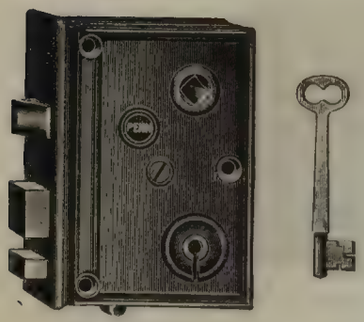
No. 965—Same as No. 963, but with **Brass Bolts** and **Brass Key** 8.50

Weight Per Dozen About 22 Pounds.

One-half Dozen in a Box, with Screws.

Upright Rim Knob Locks.

Cuts One-third Size



No. 1632½.

Backset 2½ in., with Slide Bolt.

No. 1632½—5x3½ in. Japanned Iron Case, Iron Bolts and Hub, Reversible, 3 Wrought Steel Tumblers, 1 Nickel Plated Steel Key, 36 Changes, Japanned Plate Escutcheon ..... Per Dozen **$20.00**

Weight Per Dozen 18 Pounds.

One-half Dozen in a Box, with Screws.

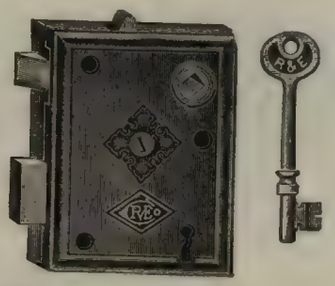
Backset 2¼ in., with Stop.

No. 995—3¾x3⅛ in. Enameled Wrought Steel Case, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 4 Changes, Japanned Plate Escutcheon ..... Per Dozen **$4.75**

No. 996—Same Description as No. 995, but with Nickel Plated Solid Steel Key and 12 Changes..... **6.25**

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box, with Screws.



Backset 2⅜ in., with Stop.

No. 3800—4x3⅛ in. Ivory Black Wrought Steel Case, Steel Bolts, Iron Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 4 Changes, Japanned Plate Escutcheon ..... Per Dozen **$4.00**

Weight Per Dozen 12 Pounds.

One-half Dozen in a Box, with Screws.

Inside Door Lock Sets.

UPRIGHT RIM KNOB LOCKS

Rim Locks, with Knob.

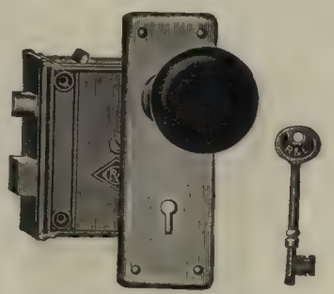
Backset 2⅜ in., with Stop.

Lock—4x3¼ in. Japanned Iron Case, Brass Plated Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 12 Changes.
Escutcheon—1 Japanned Plate, 1¾x1⅛ in.
Knobs—Jet, 2¼ in., Japanned Rose and Shank.

No. 1971/J—Japanned ..... Per Dozen Sets **$4.50**

Weight Per Dozen Sets About 30 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.



Rim Locks, with Knob.

Backset 2⅜ in., with Stop.

Lock—4x3¼ in. Japanned Iron Case, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 12 Changes.
Escutcheon—1 Wrought Steel, 5½x1⅞ in.
Knobs—2¼ in.

No. 3850/J —Japanned, with **Jet** Knob..... Per Dozen Sets **$ 5.00**
No. 3850/OC—Old Copper Finish, with **Metal** Knob... **14.00**

Weight Per Dozen Sets About 33 Pounds.

One-twelfth Dozen Sets in a Box.

Mortise Knob Latches.

Cuts One-third Size

Backset 2½ in.

Per Dozen

No. 9012—1¼x3⅛ in. Wrought Steel Lacquered Finish Case, Front and Strike, Iron Bolt and Hub, Reversible.....**$2.00**

Weight Per Dozen 4½ Pounds.

One Dozen in a Box, with Screws.

Backset 2⅜ in.

Per Dozen

No. 0—1¼x3¼ in. Japanned Iron Case, Lacquered Iron Front, Steel Strike, Iron Bolt and Hub, Reversible.....**$1.75**

Weight Per Dozen 5 Pounds.

One Dozen in a Box, with Screws.

Backset 2⅜ in.

Per Dozen

No. 1005—1¼x3¼ in. Japanned Iron Case, Brass Front, Brass Plated Steel Strike, Brass Bolt, Iron Hub, Reversible **$3.00**

Weight Per Dozen 5 Pounds.

One Dozen in a Box, with Screws.

Mortise Knob Latches.

Cut One-third Size

Backset 2⅝ in.

Per Dozen

No. 1003—1¾x3⅜ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Light Natural Finish **$8.00**

Weight Per Dozen 8 Pounds.

One-half Dozen in a Box, with Screws.

Mortise Night Latches.

Cut One-third Size

Backset to Keyhole 2½ in., to Hub 1⅜ in.

Per Dozen

No. 992—2½x3¼ in. Brass Plated Wrought Steel Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, 3 Tumblers, 2 Nickel Plated Flat Steel Keys, 73 Changes, Bronze Thumb Piece and Plate, Wrought Bronze Plate Escutcheon, Light Natural Finish, for Doors up to 1¾ in.....**$16.00**

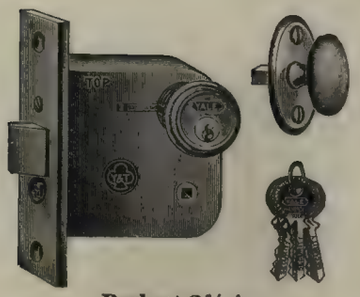
Operation—By Key from Outside, by Knob from Inside. Bolt can be held back by Setting Stop.

Weight Per Dozen 9 Pounds.

One-twelfth Dozen in a Box, with Screws.

Mortise Night Latches.

Cuts One-third Size



Backset 2½ in.

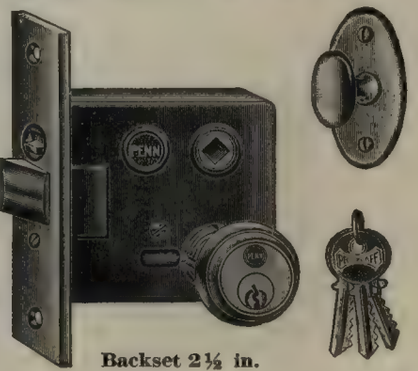
Per Dozen

No. 60—2⅞x3⅛ in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Hub and Cylinder, Easy Spring Latch Bolt, Reversible, 4 Pin Tumblers, 3 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 1,500 Changes, with Bronze Knob and Rose, Light Natural Finish, for Doors 1⅛ to 1¾ in.....**$80.00**

Operation—By Key from Outside, by Knob from Inside. Bolt may be held back by Stop in Front.

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 2½ in.

Per Dozen

No. 197—3¼x3½ in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike and Hub, 1 Bronze Metal Cylinder, Easy Spring Latch Bolt, Reversible, 3 German Silver Keys, Changes Unlimited, with Bronze Knob and Rose, Light Natural Finish, for Doors 1¾ to 2¼ in....**$58.00**

Operation—By Key from Outside, by Knob from Inside. Bolt can be held back by setting Stop.

Per Dozen

No. 197¼—Same as No. 197, with **2 Bronze Metal Cylinders and without Knob**.....**$87.00**

Operation—By Key from Both Sides.

Weight Per Dozen About 27 Pounds.

One-twelfth Dozen in a Box, with Screws.

Mortise Dead Locks.

Cuts One-third Size

Backset 2½ in.

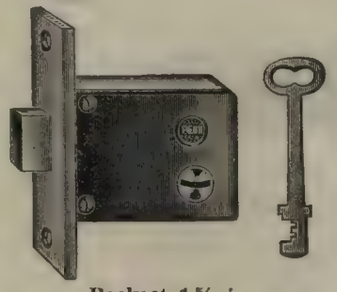
Per Dozen

No. 255—2x3½ in. Japanned Iron Case, Iron Front, Bolt and Strike, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 12 Changes, Japanned Plate Escutcheon ..... $ 6.70

No. 257—2x3½ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Reversible, 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes, Japanned Plate Escutcheon 11.00

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box, with Screws.



Backset 1⅝ in.

Per Dozen

No. 290—2¼x3 in. Japanned Iron Case, Brass Front, Bolt and Strike, Reversible, 3 Wrought Steel Tumblers, 2 Nickel Plated Flat Steel Keys, 72 Changes, Bronze Metal Plate Escutcheon $26.75

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box, with Screws.

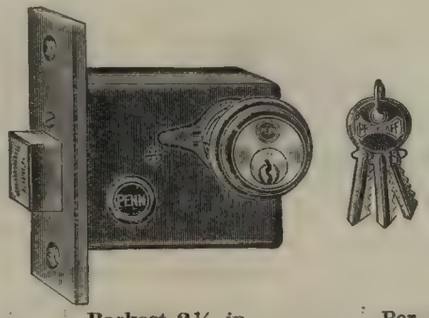
Backset 1⅝ in.

Per Dozen

No. 7-S—2½x3⅜ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Reversible, 4 Tumblers, 3 Flat German Silver Keys, 1,000 Changes, Bronze Metal Plate Escutcheon $46.75

Weight Per Dozen About 23 Pounds.

One-twelfth Dozen in a Box, with Screws.



Backset 2¼ in. Per Dozen

No. 190—2¾x3½ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Reversible, 1 Bronze Metal Cylinder, 3 German Silver Keys, Changes Unlimited, with Bronze Metal Turn Knob, for Doors 1½ to 2¼ in..... $65.00

Operation—By Key from Outside, by Knob from Inside.

Per Dozen

No. 190¼—Same as No. 190, with 2 Bronze Metal Cylinders, without Knob $75.00

Operation—By Key from Both Sides.

Weight Per Dozen About 24 Pounds.

One-twelfth Dozen in a Box.

Mortise Knob Locks.

Cuts One-third Size

Backset 2⅜ in., Spacing 2⅞ in.

3½x3 in. Wrought Steel Case, Wrought Steel Front and Strike, Cast Iron Bolts.

With 1 Tumbler, 1 Tinned Malleable Iron Key, 4 Changes.

Per Dozen

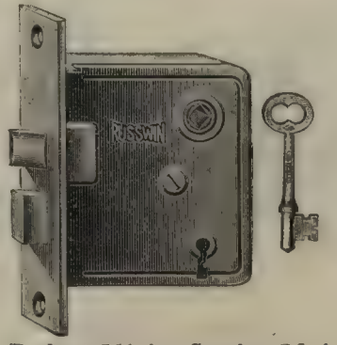
No. M1730/E—Lacquered Finish $4.25

With 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

No. 1731/OC —Old Copper Finish $5.50
No. 1731/DB —Dull Brass Finish 5.50
No. 1731/DBS—Dull Brass, Sand Blast Finish..... 5.50

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box, with Screws.



Backset 2½ in., Spacing 2⅞ in.

3½x3⅜ in. Japanned Iron Case, Cast Bronze Front, Strike and Bolts, Iron Hub, 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Per Dozen

No. 0360¾/OC —Old Copper Finish $14.50
No. 0360¾/DB —Dull Brass Finish 14.50
No. 0360¾/DBS—Dull Brass, Sand Blast Finish.... 14.50

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box, with Screws.

Mortise Knob Locks.

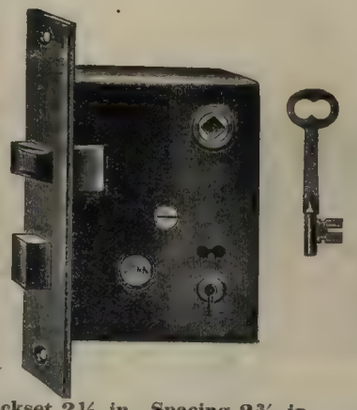
Cuts One-third Size

Backset 2⅜ in., Spacing 2¼ in. Per Dozen

No. 809—3½x3¼ in. Japanned Iron Case, Lacquered Iron Front, Steel Strike, Iron Bolts and Hub, Reversible, 1 Tumbler, 1 Tinned Malleable Iron Key, 6 Changes **$3.70**

No. M812—3½x3¼ in. Japanned Iron Case, Brass Front, Steel Strike, Brass Bolts, Iron Hub, 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes **8.00**

Weight Per Dozen About 13 Pounds.
One-half Dozen in a Box, with Screws.



Backset 2½ in., Spacing 2¾ in. Per Dozen

No. M963—4¼x3½ in. Japanned Iron Case, Brass Front and Strike, Brass Bolts, Reversible, **1 Steel Tumbler**, 1 Nickel Plated Steel Key, 24 Changes **$18.00**

No. 963¾—4¼x3½ in. Japanned Iron Case, Brass Front and Strike, Brass Bolts, Reversible, **3 Steel Tumblers**, 1 Nickel Plated Steel Key, 72 Changes **26.00**

Weight Per Dozen About 21 Pounds.
One-half Dozen in a Box, with Screws.

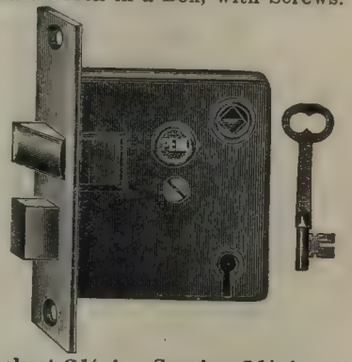
Backset 2½ in., Spacing 2¼ in.

3¾x3¼ in. Japanned Iron Case, Cast Bronze Front, Brass Plated Steel Strike, Brass Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Per Dozen

No. 936/OC —Old Copper Finish **$8.00**
No. 936/DB —Dull Brass Finish **8.00**
No. 936/DBS—Dull Brass, Sand Blast Finish..... **8.00**

Weight Per Dozen About 13 Pounds.
One-half Dozen in a Box, with Screws.



Backset 2⅛ in., Spacing 2¼ in.

3¾x3¼ in. Japanned Iron Case, Wrought Steel Front and Strike, Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Per Dozen

No. 9718/OC —Old Copper Finish **$5.50**
No. 9718/DB —Dull Brass Finish **5.50**
No. 9718/DBS—Dull Brass, Sand Blast Finish..... **5.50**

Weight Per Dozen About 13 Pounds.
One-half Dozen in a Box, with Screws.

Backset 2⅝ in., Spacing 2¼ in.

Per Dozen

No. 888—3½x3¼ in. Brass Plated Steel Case, Bronze Plated Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes **$5.50**

Weight Per Dozen About 13 Pounds.
One-half Dozen in a Box, with Screws.

Backset 2⅝ in., Spacing 2¼ in.

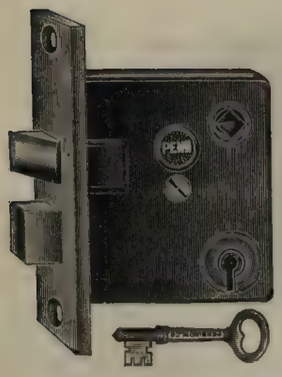
Per Dozen

No. 882—3½x3¼ in. Brass Plated Steel Case, Bronze Metal Front and Bolts, Iron Hub, Bronze Plated Steel Strike, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes **$7.80**

Weight Per Dozen About 13 Pounds.
One-half Dozen in a Box, with Screws.

Mortise Knob Locks.

Cuts One-third Size



Backset 2½ in., Spacing 2⅛ in.

3¾x3½ in. Japanned Cast Iron Case, Cast Brass Front, Bolts and Strike, Brass Hub, Easy Spring Latch Bolt, Reversible, 3 Wrought Steel Tumblers, 1 Nickel Plated Steel Key, 72 Changes.

	Per Dozen
No. 942/OC —Old Copper Finish	$13.50
No. 942/DB —Dull Brass Finish	13.50
No. 942/DBS—Dull Brass, Sand Blast Finish	13.50

Master Keyed, without Master Key.

	Per Dozen
No. MK942/OC —Old Copper Finish	$15.00
No. MK942/DB —Dull Brass Finish	15.00
No. MK942/DBS—Dull Brass, Sand Blast Finish	15.00
	Each
No. K942—Master Key, for Above Locks	$1.00

Weight Per Dozen About 15 Pounds.

One-half Dozen in a Box, with Screws.

BIT KEY FRONT DOOR

Backset 2½ in., Spacing 3⅛ in.

5x3½ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.

	Each
No. 9144/OC—Old Copper Finish	$2.00

Weight Each About 2 Pounds.

Six in a Box, with Screws.

CYLINDER FRONT DOOR

Backset 2⅛ in., Spacing 3½ in.

5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to

	Each
No. 6944/OC—Old Copper Finish	$8.00

Weight Each About 2½ Pounds.

One in a Box, with Screws.

Mortise Store Door Locks.

BIT KEY

No. 9710/OC.

Backset 2½ in.

4x3 in. Japanned Iron Case, Bronze Plated Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 3 Tumblers, 2 Nickel Plated Flat Steel Keys, 74 Changes.

	Each
No. 9710/OC—Old Copper Finish	$1.75

Weight Each About 2 Pounds.

CYLINDER

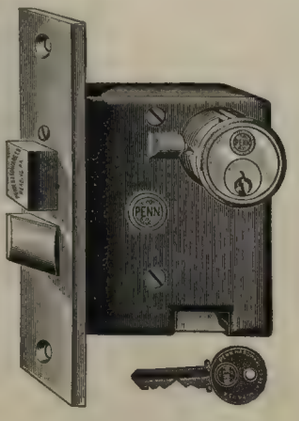
4x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, 3 German Silver Keys, Changes Unlimited, for Doors 1¾ to 2¼ in.

	Each
No. 6750/OC—Old Copper Finish	$7.00

Weight Each About 2 Pounds.

One in a Box. with Screws.

CYLINDER



No. 6750/OC.

Arcadian Design Lock Sets.

Cuts One-third Size

BIT KEY FRONT DOOR SET

Lock—4¾x3⅝ in. Japanned Iron Case, Bronze Plated Front and Strike, Bronze Plated Iron Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing 2¾ in., 1 Tumbler, 2 Nickel Plated Solid Steel Keys, 12 Changes.

Escutcheons—Outside Plate 10x2¾ in., Inside Plate 7x2¼ in.

Knobs—2¼x2¼ in., ⅜ in. Swivel Triplex Spindle.

Wrought Steel.

Per Set
No. 600/OCS—Old Copper, Sand Blast Finish **$3.50**

Weight Per Set 3¼ Pounds.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Lock—3½x3¼ in. Japanned Iron Case, Steel Front and Strike, Bronze Plated Bolt, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅝ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes.

Escutcheons—Two, 7¼x2¼ in.

Knobs—2¼x2¼ in., ⅜ in. Triplex Spindle.

Wrought Steel.

Per Dozen Sets
No. 630/OCS—Old Copper, Sand Blast Finish..... **$13.00**

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Lock—3½x3¼ in. Japanned Iron Case, Steel Front and Strike, Bronze Plated Bolt, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅝ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes.

Escutcheons—Two, 7¼x2¼ in.

Knobs—Jet, 2¼x2¼ in., ⅜ in. Triplex Spindle.

Wrought Steel.

Per Dozen Sets
No. 625/OCS—Old Copper, Sand Blast Finish..... **$11.00**

Weight Per Dozen Sets 27 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Arles Design Lock Sets.

CYLINDER FRONT DOOR SET

Nos. 3108/OC and 3108/DB.

Cuts One-third Size

CYLINDER FRONT DOOR SETS

Lock—5 ½ x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 3/8 in., Spacing 3 ½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Escutcheons—Outside Plate 10 ⅝ x2 ⅞ in., Inside Plate 8 ¼ x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 3108/OC—Old Copper Finish	$11.75
No. 3108/DB—Dull Brass, Relieved Finish	11.75

Weight Per Set 5 Pounds.
One Set in a Box, with Screws.

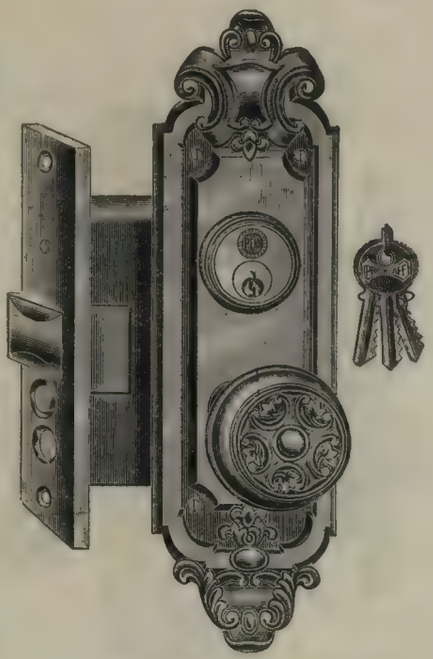
CYLINDER VESTIBULE DOOR SETS

Latch—4 ½ x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 3/8 in., Spacing 2 ½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Escutcheons—Outside Plate 10 ⅝ x2 ⅞ in., Inside Plate 8 ¼ x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 3111/OC—Old Copper Finish	$10.50
No. 3111/DB—Dull Brass, Relieved Finish	10.50

Weight Per Set 4 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SET



Nos. 3111/OC and 3111/DB.

BIT KEY FRONT DOOR SET

Nos. 3100/OC and 3100/DB.

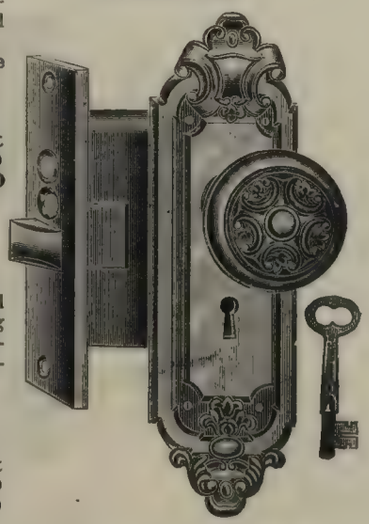
BIT KEY FRONT DOOR SETS

Lock—5x3 ½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 3 ⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10 ⅝ x2 ⅞ in., Inside Plate 8 ¼ x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., 5/16 in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 3100/OC—Old Copper Finish	$4.50
No. 3100/DB—Dull Brass, Relieved Finish	4.50

Weight Per Set 3 ½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SET



Nos. 3105/OC and 3105/DB.

BIT KEY VESTIBULE DOOR SETS

Latch—3 ⅝ x3 ½ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing Outside 1 ¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Two, 8 ¼ x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., 5/16 in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 3105/OC—Old Copper Finish	$3.60
No. 3105/DB—Dull Brass, Relieved Finish	3.60

Weight Per Set 2 ½ Pounds.
One Set in a Box, with Screws.

No. 3190/OC and 3190/DB.

INSIDE DOOR LATCH SETS

Latch—1 ¼ x3 ⅛ in. Japanned Iron Case, Bronze Plated Front and Strike, Iron Bolts.
Escutcheons—4 ¾ x1 ⅛ in.
Knobs—2 ¼ x2 ¼ in., 5/16 in. Spindle.

Wrought Steel.	Per Dozen Sets
No. 3190/OC—Old Copper Finish	$9.50
No. 3190/DB—Dull Brass, Relieved Finish	9.50

Weight Per Dozen Sets 16 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

Arles Design.

Cuts One-third Size

INSIDE DOOR SETS

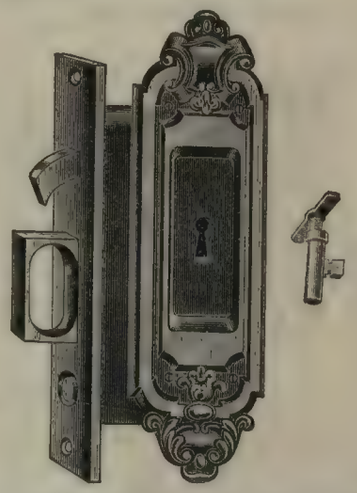
Lock—3¾x3¼ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 8¼x2¼ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Spindle.

Wrought Steel. Per Dozen Sets
No. 3130/OC—Old Copper Finish **$10.50**
No. 3130/DB—Dull Brass, Relieved Finish..... **10.50**

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 8¼x2¼ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Spindle.

Wrought Bronze. Per Dozen Sets
No. 3160/OC—Old Copper Finish **$25.50**
No. 3160/DB—Dull Brass, Relieved Finish..... **25.50**
Weight Per Dozen Sets 32 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS



Lock—5½x3¼ in. Japanned Iron Case, with Strike, Bronze Plated Front, Bronze Metal Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 8¼x2¼ in.

Wrought Steel.
For Single Doors. Per Set
No. 3112/OC—Old Copper Finish **$2.80**
No. 3112/DB—Dull Brass, Relieved Finish..... **2.80**
Weight Per Set 2 Pounds.
For Double Doors. Per Set
No. 3124/OC—Old Copper Finish **$4.10**
No. 3124/DB—Dull Brass, Relieved Finish..... **4.10**
Weight Per Set 4 Pounds.
One Set in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 4¾x1½ in.

Wrought Bronze. Per Dozen
No. 3115/OC—Old Copper Finish **$10.00**
No. 3115/DB—Dull Brass, Relieved Finish **10.00**
Weight Per Dozen 3 Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size

Size 1½x4¾ in.

Wrought Steel. Per Dozen
No. 3116/OC—Old Copper Finish **$1.50**
No. 3116/DB—Dull Brass, Relieved Finish **1.50**
Weight Per Dozen 1 Pound.
One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size

Size 10⅝x2⅞ in.

Wrought Steel. Per Dozen
No. 3166/OC—Old Copper Finish **$9.00**
No. 3166/DB—Dull Brass, Relieved Finish **9.00**
Weight Per Dozen 4 Pounds.
One-sixth Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1½x4¾ in.

Wrought Steel. Per Dozen
No. 3199/OC—Old Copper Finish..... **$4.50**
No. 3199/DB—Dull Brass, Relieved Finish.. **4.50**
Weight Per Dozen 1½ Pounds.
One Dozen in a Box, with Bolts and Nuts.

Carvell Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SET

Nos. 408/OC to 408/DBS.

CYLINDER FRONT DOOR SETS

Lock—5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3⅛ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 10½x3 in., Inside Plate 8x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 408/OC —Old Copper Finish	$13.50
No. 408/DB —Dull Brass, Relieved Finish	13.50
No. 408/DBS—Dull Brass, Sand Blast Finish	13.50

Weight Per Set 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS

Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 2½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Two, 8x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

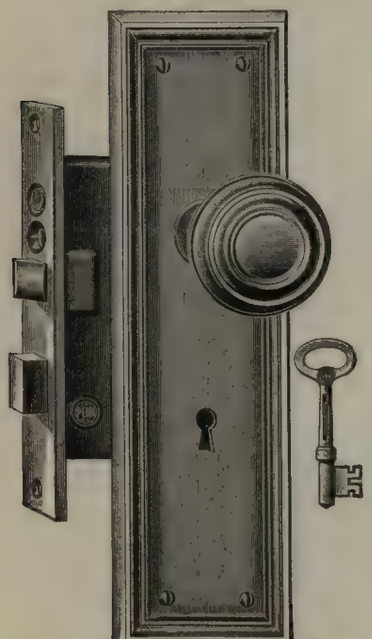
Wrought Bronze.	Per Set
No. 411/OC —Old Copper Finish	$11.25
No. 411/DB —Dull Brass, Relieved Finish	11.25
No. 411/DBS—Dull Brass, Sand Blast Finish	11.25

Weight Per Set 5 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SET

No. 411/OC to 411/DBS.

BIT KEY FRONT DOOR SET



Nos. 410/OC to 400/DBS.

BIT KEY FRONT DOOR SETS

Lock—5x3½ in. Japanned Iron Case, Steel Front and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10½x3 in., Inside Plate 8x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

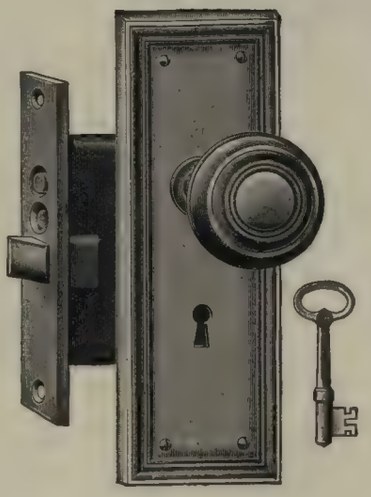
Wrought Steel.	Per Set
No. 410/OC —Old Copper Finish	$3.25
No. 410/DB —Dull Brass, Relieved Finish	3.25
No. 410/DBS—Dull Brass, Sand Blast Finish	3.25

Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10½x3 in., Inside Plate 8x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 400/OC —Old Copper Finish	$4.50
No. 400/DB —Dull Brass, Relieved Finish	4.50
No. 400/DBS—Dull Brass, Sand Blast Finish	4.50

Weight Per Set About 5 Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SET



No. 405/OC to 405/DBS.

BIT KEY VESTIBULE DOOR SETS

Latch—3⅝x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing Outside 1¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Two, 8x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 405/OC —Old Copper Finish	$3.75
No. 405/DB —Dull Brass, Relieved Finish	3.75
No. 405/DBS—Dull Brass, Sand Blast Finish	3.75

Weight Per Set 4 Pounds.
One Set in a Box, with Screws.

Carvell Design Lock Sets.

Cuts One-third Size

INSIDE DOOR SETS

Lock—3 ¾ x 3 ¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Escutcheons—Two, 8x2 ⅝ in.

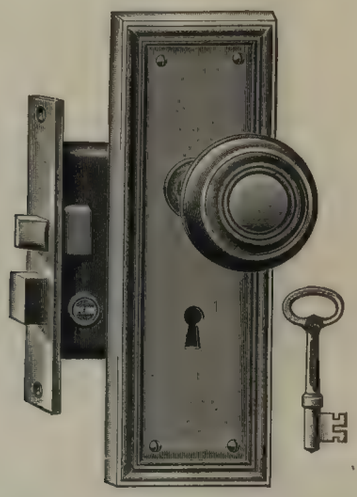
Knobs—2 ¼ x 2 ¼ in., ⅞ in. Spindle.

Wrought Bronze.

	Per Dozen Sets
No. 460/OC —Old Copper Finish	$28.50
No. 460/DB —Dull Brass, Relieved Finish	28.50
No. 460/DBS—Dull Brass, Sand Blast Finish	28.50

Weight Per Dozen Sets 32 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.



Lock—3 ¾ x 3 ¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Escutcheons—Two, 8x2 ⅝ in.

Knobs—2 ¼ x 2 ¼ in., ⅞ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 430/OC —Old Copper Finish	$11.75
No. 430/DB —Dull Brass, Relieved Finish	11.75
No. 430/DBS—Dull Brass, Sand Blast Finish	11.75

Weight Per Dozen Sets 32 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Lock—5 ½ x 3 ¼ in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pulls, Backset 2 in., 1 Extension Key.

Escutcheons—Flush Cup, 8x2 ⅝ in.

Wrought Steel.

For Single Doors.

	Per Set
No. 412/OC —Old Copper Finish	$2.50
No. 412/DB —Dull Brass, Relieved Finish	2.50
No. 412/DBS—Dull Brass, Sand Blast Finish	2.50

Weight Per Set 2 Pounds.

For Double Doors.

	Per Set
No. 424/OC —Old Copper Finish	$4.25
No. 424/DB —Dull Brass, Relieved Finish	4.25
No. 424/DBS—Dull Brass, Sand Blast Finish	4.25

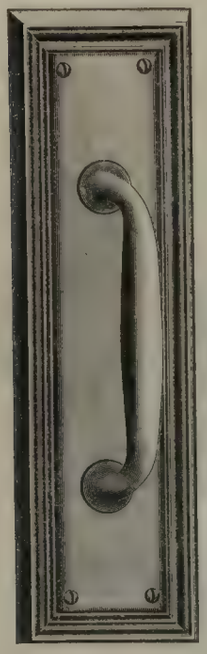
Weight Per Set 4 Pounds.

One Set in a Box, with Screws.

Carvell Design.

Cuts One-third Size

DOOR PULLS



Size 10½x3 in.

Wrought Bronze.

	Per Dozen
No. 480/OC —Old Copper Finish	$26.75
No. 480/DB —Dull Brass, Relieved Finish	26.75
No. 480/DBS—Dull Brass, Sand Blast Finish	26.75

Weight Per Dozen 6 Pounds.

One-sixth Dozen in a Box, with Screws.

PUSH PLATES

Size 10½x3 in.

Wrought Steel.

	Per Dozen
No. 466/OC —Old Copper Finish	$7.75
No. 466/DB —Dull Brass, Relieved Finish	7.75
No. 466/DBS—Dull Brass, Sand Blast Finish	7.75

Wrought Bronze.

	Per Dozen
No. 476/OC —Old Copper Finish	$14.50
No. 476/DB —Dull Brass, Relieved Finish	14.50
No. 476/DBS—Dull Brass, Sand Blast Finish	14.50

Weight Per Dozen 4 Pounds.

One-sixth Dozen in a Box, with Screws.

PUSH BUTTONS

Size 3¾x1¾ in.

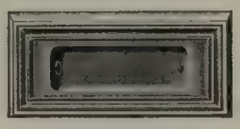
Wrought Bronze.

	Per Dozen
No. 415/OC—Old Copper Finish	$11.00
No. 415/DB—Dull Brass, Relieved Finish	11.00
No. 415/DBS—Dull Brass, Sand Blast Finish	11.00

Weight Per Dozen 3 Pounds.

One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS



Size 1¾x3¾ in.
Wrought Steel.

	Per Dozen
No. 416/OC—Old Copper Finish	$1.50
No. 416/DB—Dull Brass, Relieved Finish	1.50
No. 416/DBS—Dull Brass, Sand Blast Finish	1.50

Wrought Bronze.

	Per Dozen
No. 420/OC—Old Copper Finish	$2.75
No. 420/DB—Dull Brass, Relieved Finish	2.75
No. 420/DBS—Dull Brass, Sand Blast Finish	2.75

Weight Per Dozen 1½ Pounds.

One Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Size 1¾x3¾ in.

Wrought Bronze.

	Per Dozen
No. 496/OC—Old Copper Finish	$6.75
No. 496/DB—Dull Brass, Relieved Finish	6.75
No. 496/DBS—Dull Brass, Sand Blast Finish	6.75

Weight Per Dozen 2 Pounds.

One Dozen in a Box, with Bolts and Nuts.

Charlton Design Lock Sets.

Cuts One-third Size

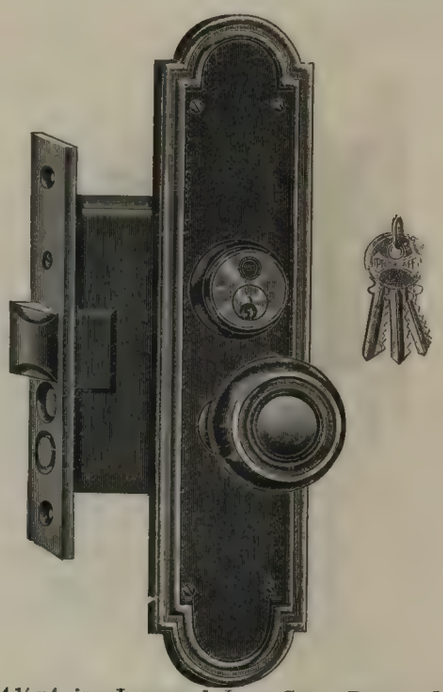
CYLINDER FRONT DOOR SETS

Lock—5 ½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 11½x3 in., Inside Plate 8½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 8408/OC —Old Copper Finish	$13.50
No. 8408/DB —Dull Brass, Relieved Finish	13.50
No. 8408/DBS—Dull Brass, Sand Blast Finish	13.50

Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS



Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3⅛ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 11½x3 in., Inside Plate 8½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 8411/OC —Old Copper Finish	$12.00
No. 8411/DB —Dull Brass, Relieved Finish	12.00
No. 8411/DBS—Dull Brass, Sand Blast Finish	12.00

Weight Per Set About 4 Pounds.
One Set in a Box, with Screws.

Nos. 8400/OC to 8410/DBS.

BIT KEY FRONT DOOR SETS

Lock—5x3⅛ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 11½x3 in., Inside Plate 8½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 8400/OC —Old Copper Finish	$5.75
No. 8400/DB —Dull Brass, Relieved Finish	5.75
No. 8400/DBS—Dull Brass, Sand Blast Finish	5.75

Lock—5x3⅛ in. Japanned Iron Case, Steel Front and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 11½x3 in., Inside Plate 8½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Steel.	Per Set
No. 8410/OC —Old Copper Finish	$8.75
No. 8410/DB —Dull Brass, Relieved Finish	8.75
No. 8410/DBS—Dull Brass, Sand Blast Finish	8.75

Weight Per Set About 3½ Pounds.

One Set in a Box, with Screws.

Charlton Design Lock Sets.

Cuts One-third Size

VESTIBULE BIT KEY DOOR SETS

Latch—3 ⅝x3 ½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing Outside 1 ¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.

Escutcheons—Two, 8 ½x2 ⅝ in.

Knobs—2 ¼x2 ¼ in., ⅝ in. Swivel Spindle.

Wrought Bronze.

	Per Set
No. 8405/OC —Old Copper Finish	**$5.25**
No. 8405/DB —Dull Brass, Relieved Finish	**5.25**
No. 8405/DBS—Dull Brass, Sand Blast Finish	**5.25**

Weight Per Set About 3 ½ Pounds.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Lock—3 ¾x3 ¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 8 ½x2 ⅝ in.
Knobs—2 ¼ in., ⅝ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 8430/OC —Old Copper Finish	**$14.00**
No. 8430/DB —Dull Brass, Relieved Finish	**14.00**
No. 8430/DBS—Dull Brass, Sand Blast Finish	**14.00**

Lock—3 ¾x3 ¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 8 ½x2 ⅝ in.
Knobs—2 ¼ in., ⅝ in. Spindle.

Wrought Bronze.

	Per Dozen Sets
No. 8460/OC —Old Copper Finish	**$31.00**
No. 8460/DB —Dull Brass, Relieved Finish	**31.00**
No. 8460/DBS—Dull Brass, Sand Blast Finish	**31.00**

Weight Per Dozen Sets 32 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Nos. 8412/OC to 8424/DBS.

SLIDING DOOR SETS

Lock—3 ½x3 ¼ in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pull, Backset 2 in., 1 Extension Key.
Escutcheon—Flush Cup, 8 ½x2 ⅝ in.

Wrought Steel.

For Single Doors.

	Per Set
No. 8412/OC —Old Copper Finish	**$3.00**
No. 8412/DB —Dull Brass, Relieved Finish	**3.00**
No. 8412/DBS—Dull Brass, Sand Blast Finish	**3.00**

Weight Per Set About 2 Pounds.

For Double Doors.

	Per Set
No. 8424/OC —Old Copper Finish	**$4.75**
No. 8424/DB —Dull Brass, Relieved Finish	**4.75**
No. 8424/DBS—Dull Brass, Sand Blast Finish	**4.75**

Weight Per Set About 4 Pounds.

One Set in a Box, with Screws.

Charlton Design.

Cuts One-third Size

DOOR PULLS

Wrought Bronze.

Size 11½x3 in.

	Per Dozen
No. 8480/OC —Old Copper Finish	$33.50
No. 8480/DB —Dull Brass, Relieved Finish	33.50
No. 8480/DBS—Dull Brass, Sand Blast Finish	33.50

Size 15x3¼ in.

	Per Dozen
No. L8480/OC —Old Copper Finish	$40.00
No. L8480/DB —Dull Brass, Relieved Finish	40.00
No. L8480/DBS—Dull Brass, Sand Blast Finish	40.00

Weight Per Dozen About 6 Pounds.

One-sixth Dozen in a Box, with Screws.

PUSH PLATES

Wrought Steel.

Size 11½x3 in.

	Per Dozen
No. 8466/OC —Old Copper Finish	$8.25
No. 8466/DB —Dull Brass Finish	8.25
No. 8466/DBS—Dull Brass, Sand Blast Finish	8.25

Wrought Bronze.

Size 11½x3 in.

	Per Dozen
No. 8476/OC —Old Copper Finish	$15.75
No. 8476/DB —Dull Brass Finish	15.75
No. 8476/DBS—Dull Brass, Sand Blast Finish	15.75

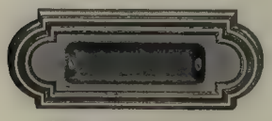
Size 15x3¼ in.

	Per Dozen
No. L8476/OC —Old Copper Finish	$22.50
No. L8476/DB —Dull Brass Finish	22.50
No. L8476/DBS—Dull Brass, Sand Blast Finish	22.50

Weight Per Dozen About 4 Pounds.

One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS



Size 1⅝x4¼ in.

Wrought Steel.

	Per Dozen
No. 8416/OC—Old Copper Finish	$1.75
No. 8416/DB—Dull Brass, Relieved Finish	1.75
No. 8416/DBS—Dull Brass, Sand Blast Finish	1.75

Wrought Bronze.

	Per Dozen
No. 8420/OC—Old Copper Finish	$3.00
No. 8420/DB—Dull Brass, Relieved Finish	3.00
No. 8420/DBS—Dull Brass, Sand Blast Finish	3.00

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box, with Screws.

PUSH BUTTONS

Size 4¼x1⅝ in.

Wrought Bronze.

	Per Dozen
No. 8415/OC—Old Copper Finish	$11.25
No. 8415/DB—Dull Brass, Relieved Finish	11.25
No. 8415/DBS—Dull Brass, Sand Blast Finish	11.25

Weight Per Dozen About 3 Pounds.

One-sixth Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Size 1⅝x4¼ in.

Wrought Bronze.

	Per Dozen
No. 8496/OC—Old Copper Finish	$6.75
No. 8496/DB—Dull Brass, Relieved Finish	6.75
No. 8496/DBS—Dull Brass, Sand Blast Finish	6.75

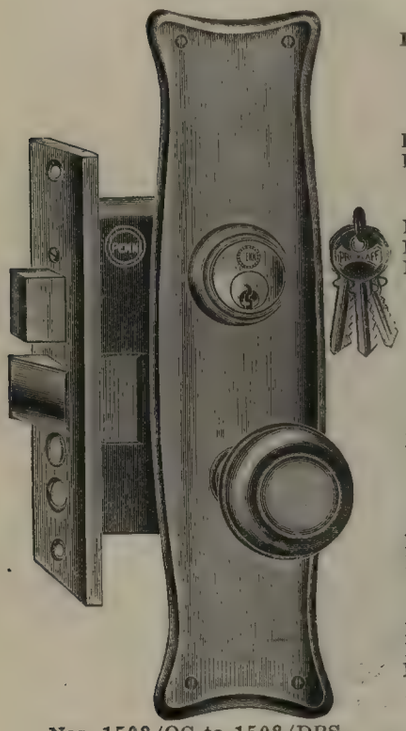
Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Bolts and Nuts.

Douglas Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SET



Nos. 1508/OC to 1508/DBS.

CYLINDER FRONT DOOR SETS

Lock—5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 12x3 in., Inside Plate 7¾x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 1508/OC —Old Copper Finish	$11.25
No. 1508/DB —Dull Brass Finish	11.25
No. 1508/DBS—Dull Brass, Sand Blast Finish	12.50

Weight Per Set 6 Pounds.

One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS

Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 2½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Two, 7¾x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 1511/OC —Old Copper Finish	$ 9.00
No. 1511/DB —Dull Brass Finish	9.00
No. 1511/DBS—Dull Brass, Sand Blast Finish	10.00

Weight Per Set 5 Pounds.

One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SET

Nos. 1511/OC to 1511/DBS.

BIT KEY FRONT DOOR SET

Nos. 1510/OC to 1500/DBS.

BIT KEY FRONT DOOR SETS

Lock—5x3½ in. Japanned Iron Case, Steel Front and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x2¾ in., Inside Plate 7¾x2½ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Swivel Spindle.

Wrought Steel.	Per Set
No. 1510/OC —Old Copper Finish	$3.00
No. 1510/DB —Dull Brass Finish	3.00
No. 1510/DBS—Dull Brass, Sand Blast Finish	3.50

Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 12x3 in., Inside Plate 7¾x2½ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 1500/OC —Old Copper Finish	$4.50
No. 1500/DB —Dull Brass Finish	4.50
No. 1500/DBS—Dull Brass, Sand Blast Finish	5.00

Weight Per Set About 5 Pounds.
One Set in a Box, with Screws.

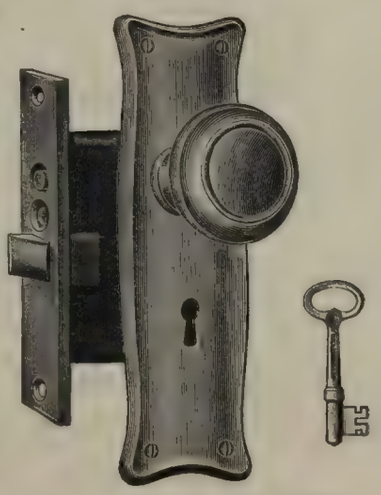
BIT KEY VESTIBULE DOOR SETS

Latch—3⅝x3½ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing Outside 1¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Two, 7¾x2½ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 1505/OC —Old Copper Finish	$3.50
No. 1505/DB —Dull Brass Finish	3.50
No. 1505/DBS—Dull Brass, Sand Blast Finish	3.75

Weight Per Set About 3½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SET

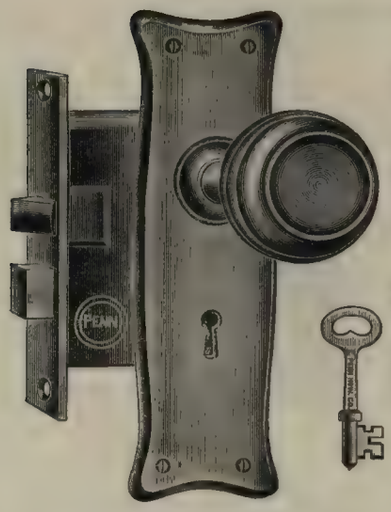


Nos. 1505/OC to 1505/DBS.

Douglas Design.

Cuts One-third Size

INSIDE DOOR SETS



Lock—3¾x3¼ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7¾x2½ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Spindle.

Wrought Steel.	Per Dozen Sets
No. 1530/OC —Old Copper Finish	$10.50
No. 1530/DB —Dull Brass Finish	10.50
No. 1530/DBS—Dull Brass, Sand Blast Finish	11.50

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7¾x2½ in.
Knobs—2¼x2¼ in., $\frac{5}{16}$ in. Spindle.

Wrought Bronze.	Per Dozen Sets
No. 1560/OC —Old Copper Finish	$24.00
No. 1560/DB —Dull Brass Finish	24.00
No. 1560/DBS—Dull Brass, Sand Blast Finish	27.00

Weight Per Dozen Sets 32 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 3¾x1½ in.

Wrought Bronze.

	Per Dozen
No. 1515/OC—Old Copper Finish	$10.00
No. 1515/DB—Dull Brass Finish	10.00
No. 1515/DBS—Dull Brass, Sand Blast Finish	11.00

Weight Per Dozen About 3 Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size

Size 1½x3¾ in.

Wrought Steel.

	Per Dozen
No. 1516/OC—Old Copper Finish	$1.50
No. 1516/DB—Dull Brass Finish	1.50
No. 1516/DBS—Dull Brass, Sand Blast Finish	1.75

Wrought Bronze.

	Per Dozen
No. 1520/OC—Old Copper Finish	$2.00
No. 1520/DB—Dull Brass Finish	2.00
No. 1520/DBS—Dull Brass, Sand Blast Finish	2.25

Weight Per Dozen About 1 Pound.
One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size

Size 12x3 in.

Wrought Steel.

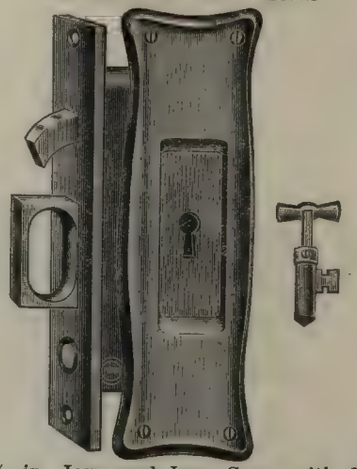
	Per Dozen
No. 1566/OC—Old Copper Finish	$ 9.00
No. 1566/DB—Dull Brass Finish	9.00
No. 1566/DBS—Dull Brass, Sand Blast Finish	10.00

Wrought Bronze.

	Per Dozen
No. 1576/OC—Old Copper Finish	$15.50
No. 1576/DB—Dull Brass Finish	15.50
No. 1576/DBS—Dull Brass, Sand Blast Finish	16.50

Weight Per Dozen 5½ Pounds.
One Dozen in a Box, with Screws.

SLIDING DOOR SETS



Lock—5½x3¼ in. Japanned Iron Case, with Strike, Bronze Plated Front, Bronze Metal Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 7¾x2½ in.

Wrought Steel.

For Single Doors.	Per Set
No. 1512/OC —Old Copper Finish	$2.80
No. 1512/DB —Dull Brass Finish	2.80
No. 1512/DBS—Dull Brass, Sand Blast Finish	3.25

Weight Per Set 2 Pounds.

For Double Doors.	Per Set
No. 1524/OC —Old Copper Finish	$3.90
No. 1524/DB —Dull Brass Finish	3.90
No. 1524/DBS—Dull Brass, Sand Blast Finish	4.25

Weight Per Set 4 Pounds.
One Set in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1½x3¾ in.

Wrought Steel.

	Per Dozen
No. 1599/OC—Old Copper Finish	$6.75
No. 1599/DB—Dull Brass Finish	6.75
No. 1599/DBS—Dull Brass, Sand Blast Finish	7.50

Weight Per Dozen 1 Pounds.
One Dozen in a Box, with Bolts and Nuts.

Florian Design Lock Sets.

Cuts One-third Size

BIT KEY FRONT DOOR SETS

Lock—4¾x3⅝ in. Japanned Iron Case, Bronze Plated Front and Strike, Bronze Plated Bolt, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing 2¾ in., 1 Tumbler, 2 Nickel Plated Solid Steel Keys, 12 Changes.
Escutcheons—Outside Plate 7x2¼ in., Inside Plate 2x1¼ in.
Knobs—2¼x2¼ in., ⅞ in. Swivel Triplex Spindle.

Wrought Steel.

Per Set
No. **810**—Dark Background, Polished Raised Surfaces. . **$2.50**

Weight Per Set 2½ Pounds.

One Set in a Box, with Screws.

INSIDE DOOR SETS

Lock—3½x3¼ in. Bronze Plated Steel Case, Steel Front and Strike, Bronze Plated Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅝ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes.
Escutcheons—Two, 5½x1¾ in.
Knobs—2¼x2¼ in., ⅞ in. Triplex Spindle.

Wrought Steel.

Per Dozen Sets
No. **830**—Dark Background, Polished Raised Surfaces. **$10.00**

Weight Per Dozen Sets 18 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

INSIDE DOOR SETS

Lock—3½x3¼ in. Bronze Plated Steel Case, Steel Front and Strike, Bronze Plated Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅝ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes.
Escutcheons—Two, 5½x1¾ in.
Knobs—Jet, 2¼x2¼ in., ⅞ in. Triplex Spindle. .

Wrought Steel.

Per Dozen Sets
No. **825**—Dark Background, Polished Raised Surfaces. . **$8.00**

Weight Per Dozen Sets 21 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Lock—5¼x4 in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pulls, Backset 2¾ in., 1 Extension Key.
Escutcheons—Flush Cup, 4¼x2¼ in.

Wrought Steel.

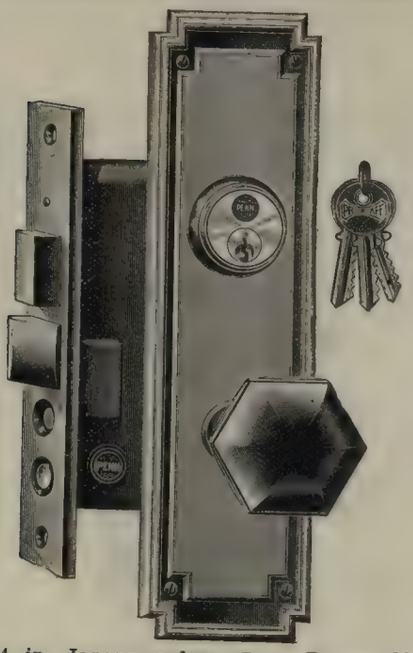
For Single Doors. Per Set
No. **812**—Dark Background, Polished Raised Surfaces. . **$2.00**
Weight Per Set 2 Pounds.

For Double Doors. Per Set
No. **824**—Dark Background, Polished Raised Surfaces. . **$2.80**
Weight Per Set About 3½ Pounds.
One Set in a Box, with Screws.

Gyros Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SET

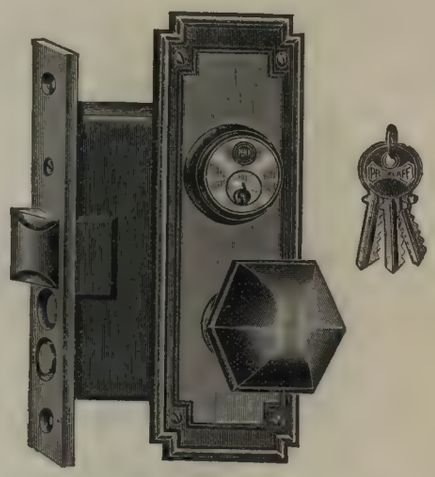


Lock—5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 10½x3 in., Inside Plate 7½x2⅝ in.
Knobs—2½x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 5408/OC —Old Copper Finish	$13.50
No. 5408/DB —Dull Brass, Relieved Finish	13.50
No. 5408/DBS—Dull Brass, Sand Blast Finish	13.50
No. 5408/IB —Dead Black Finish, Outside Edge Polished Brass	13.50

Weight Per Set 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SET

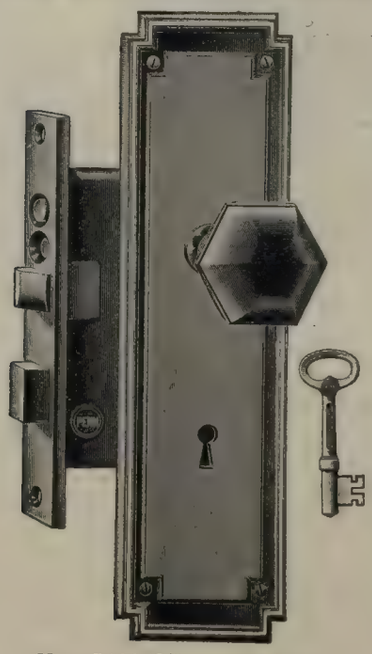


Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 2½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 7½x2⅝ in., Inside Plate 7½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 5411/OC —Old Copper Finish	$11.00
No. 5411/DB —Dull Brass, Relieved Finish	11.00
No. 5411/DBS—Dull Brass, Sand Blast Finish	11.00
No. 5411/IB —Dead Black Finish, Outside Edge Polished Brass	11.00

Weight Per Set 4 Pounds.
One Set in a Box, with Screws.

BIT KEY FRONT DOOR SET



Nos. 5400/OC to 5400/IB.

BIT KEY FRONT DOOR SETS

Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Outside Plate 10½x3 in., Inside Plate 7½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 5400/OC —Old Copper Finish	$5.00
No. 5400/DB —Dull Brass, Relieved Finish	5.00
No. 5400/DBS—Dull Brass, Sand Blast Finish	5.00
No. 5400/IB —Dead Black Finish, Outside Edge Polished Brass	5.00

Weight Per Set 3 Pounds.
One Set in a Box, with Screws.

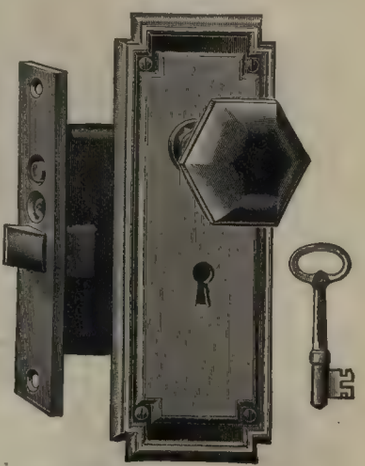
BIT KEY VESTIBULE DOOR SET

Latch—3⅝x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Two, 7½x2⅝ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 5405/OC —Old Copper Finish	$3.50
No. 5405/DB —Dull Brass, Relieved Finish	3.50
No. 5405/DBS—Dull Brass, Sand Blast Finish	3.50
No. 5405/IB —Dead Black Finish, Outside Edge Polished Brass	3.50

Weight Per Set 2½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SET

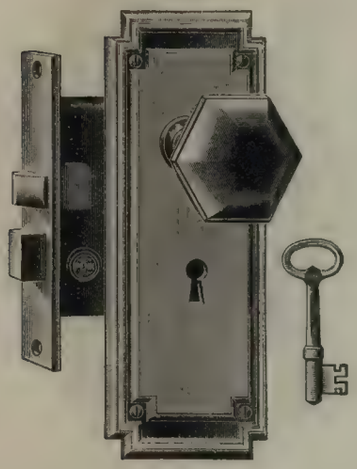


Nos. 5405/OC to 5405/IB.

Gyros Design Lock Sets.

Cuts One-third Size

INSIDE DOOR SETS



Lock—3 ½x3 ¼ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7 ½x2 ⅝ in.
Knobs—2 ¼x2 ¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 5430/OC —Old Copper Finish	$12.00
No. 5430/DB —Dull Brass, Relieved Finish	12.00
No. 5430/DBS—Dull Brass, Sand Blast Finish	12.00
No. 5430/IB —Dead Black Finish, Outside Edge Polished Brass	12.00

Lock—3 ½x3 ¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7 ½x2 ⅝ in.
Knobs—2 ¼x2 ¼ in., ⅜ in. Spindle.

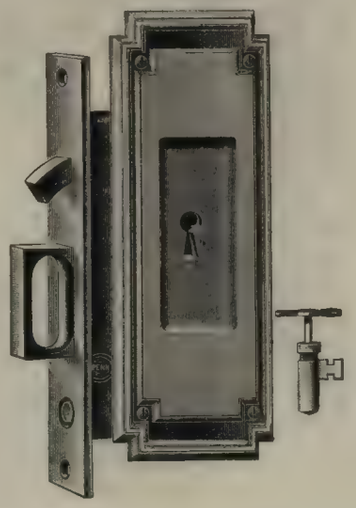
Wrought Bronze.

	Per Dozen Sets
No. 5460/OC —Old Copper Finish	$31.00
No. 5460/DB —Dull Brass, Relieved Finish	31.00
No. 5460/DBS—Dull Brass, Sand Blast Finish	31.00
No. 5460/IB —Dead Black Finish, Outside Edge Polished Brass	31.00

Weight Per Dozen Sets 32 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS



Lock—5 ½x3 ¼ in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 7 ½x2 ⅝ in.

Wrought Steel.

For Single Doors.

	Per Set
No. 5412/OC —Old Copper Finish	$2.50
No. 5412/DB —Dull Brass, Relieved Finish	2.50
No. 5412/DBS—Dull Brass, Sand Blast Finish	2.50
No. 5412/IB —Dead Black Finish, Outside Edge Polished Brass	2.50

Weight Per Set 2 Pounds.

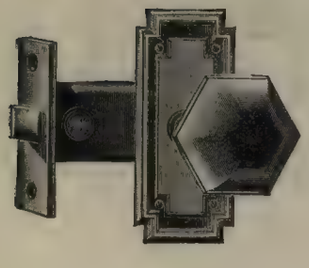
For Double Doors.

	Per Set
No. 5424/OC —Old Copper Finish	$4.25
No. 5424/DB —Dull Brass, Relieved Finish	4.25
No. 5424/DBS—Dull Brass, Sand Blast Finish	4.25
No. 5424/IB —Dead Black Finish, Outside Edge Polished Brass	4.25

Weight Per Set 4 Pounds.

One Set in a Box, with Screws.

INSIDE DOOR LATCH SETS



Latch—1 ¼x3 ⅛ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Iron Bolt.
Escutcheons—Two, 4x1 ¾ in.
Knobs—2 ¼x2 ¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 5490/OC —Old Copper Finish	$12.25
No. 5490/DB —Dull Brass, Relieved Finish	12.25
No. 5490/DBS—Dull Brass, Sand Blast Finish	12.25
No. 5490/IB —Dead Black Finish, Outside Edge Polished Brass	12.25

Weight Per Dozen Sets 16 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Gyros Design.

Cuts One-third Size

DOOR PULLS

Size 10½x3 in.

Wrought Bronze.

	Per Dozen
No. 5480/OC —Old Copper Finish	$26.75
No. 5480/DB —Dull Brass, Relieved Finish	26.75
No. 5480/DBS—Dull Brass, Sand Blast Finish	26.75
No. 5480/IB —Ivory Black Finish, Outside Edge Polished Brass	26.75

Weight Per Dozen 7 Pounds.

One-sixth Dozen in a Box, with Screws.

PUSH PLATES

Size 10½x3 in.

Wrought Steel.

	Per Dozen
No. 5466/OC —Old Copper Finish	$7.80
No. 5466/DB —Dull Brass, Relieved Finish	7.80
No. 5466/DBS—Dull Brass, Sand Blast Finish	7.80

Wrought Bronze.

	Per Dozen
No. 5476/OC —Old Copper Finish	$14.50
No. 5476/DB —Dull Brass, Relieved Finish	14.50
No. 5476/DBS—Dull Brass, Sand Blast Finish	14.50
No. 5476/IB —Dead Black Finish, Outside Edge Polished Brass	14.50

Weight Per Dozen 4 Pounds.

One-sixth Dozen in a Box, with Screws.

PUSH BUTTONS

Size 4x1¾ in.

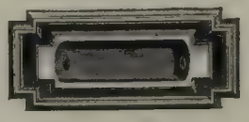
Wrought Bronze.

	Per Dozen
No. 5415/OC—Old Copper Finish	$12.25
No. 5415/DB—Dull Brass, Relieved Finish	12.25
No. 5415/DBS—Dull Brass, Sand Blast Finish	12.25
No. 5415/IB—Dead Black Finish, Outside Edge Polished Brass	12.25

Weight Per Dozen 3 Pounds.

One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS



Size 1¾x4 in.

Wrought Steel.

	Per Dozen
No. 5416/OC—Old Copper Finish	$1.50
No. 5416/DB—Dull Brass, Relieved Finish	1.50
No. 5416/DBS—Dull Brass, Sand Blast Finish	1.50
No. 5416/IB—Dead Black Finish, Outside Edge Polished Brass	1.50

Wrought Bronze.

	Per Dozen
No. 5420/OC—Old Copper Finish	$2.60
No. 5420/DB—Dull Brass, Relieved Finish	2.60
No. 5420/DBS—Dull Brass, Sand Blast Finish	2.60
No. 5420/IB—Dead Black Finish, Outside Edge Polished Brass	2.60

Weight Per Dozen 1½ Pounds.

One Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Size 1¾x4 in.

Wrought Bronze.

	Per Dozen
No. 5496/OC—Old Copper Finish	$7.00
No. 5496/DB—Dull Brass, Relieved Finish	7.00
No. 5496/DBS—Dull Brass, Sand Blast Finish	7.00
No. 5496/IB—Dead Black Finish, Outside Edge Polished Brass	7.00

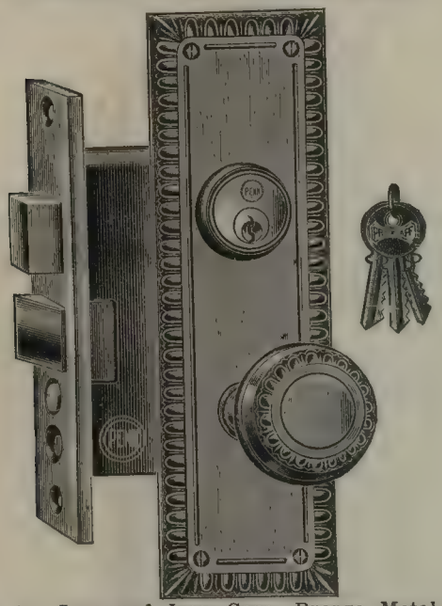
Weight Per Dozen 2 Pounds.

One Dozen in a Box, with Bolts and Nuts.

Hellas Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SETS



Lock—5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 10x3 in., Inside Plate 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 2208/OC—Old Copper Finish	$11.25

Weight Per Set 6 Pounds.
One Set in a Box, with Screws.

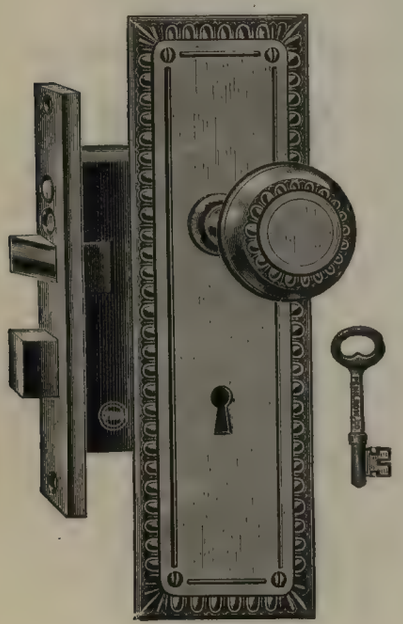
CYLINDER VESTIBULE DOOR SETS

Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 2½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 8x2¾ in., Inside Plate 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 2211/OC—Old Copper Finish	$8.50

Weight Per Set 6 Pounds.
One Set in a Box, with Screws.

BIT KEY FRONT DOOR SET



Nos. 2210/OC and 2200/OC.

BIT KEY FRONT DOOR SETS

Lock—5x3½ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x3 in., Inside Plate 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Steel.	Per Set
No. 2210/OC—Old Copper Finish	$2.75

Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x3 in., Inside Plate 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 2200/OC—Old Copper Finish	$3.75

Weight Per Set 4½ Pounds.
One Set in a Box, with Screws.

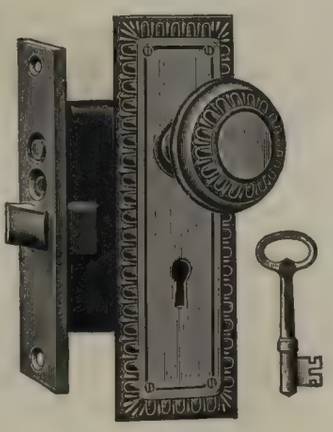
BIT KEY VESTIBULE DOOR SETS

Latch—3⅝x3½ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing Outside 1¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Outside Plate 7x2½ in., Inside Plate 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 2205/OC—Old Copper Finish	$3.50

Weight Per Set 3 Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SET

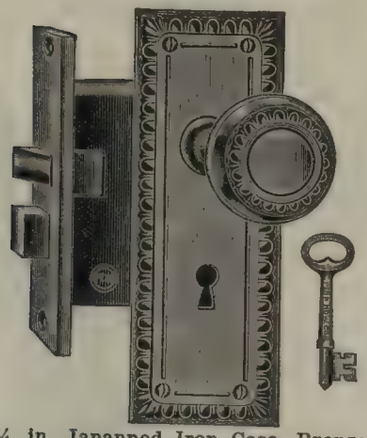


No. 2205/OC.

Hellas Design.

Cuts One-third Size

INSIDE DOOR SETS



Lock—3¾x3¼ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Spindle.

Wrought Steel.

Per Dozen Sets
No. 2230/OC—Old Copper Finish $9.00

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—2¼x2¼ in., ⅜ in. Spindle.

Wrought Bronze.

Per Dozen Sets
No. 2260/OC—Old Copper Finish $22.20

Weight Per Dozen Sets 32 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Lock—5½x3¼ in. Japanned Iron Case, with Strike, Bronze Plated Front, Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 7x2½ in.

Wrought Steel.

For Single Doors.

Per Set
No. 2212/OC—Old Copper Finish $2.80
Weight Per Set 2 Pounds.

For Double Doors.

Per Set
No. 2224/OC—Old Copper Finish $3.90
Weight Per Set 3½ Pounds.
One Set in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 3¾x1¾ in.

Wrought Bronze.

Per Dozen
No. 2215/OC—Old Copper Finish $10.00
Weight Per Dozen 3 Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size

Size 1¾x3¾ in.

Wrought Steel.

Per Dozen
No. 2216/OC—Old Copper Finish $1.50
Weight Per Dozen 1 Pound.
One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size

Size 10x3 in.

Wrought Steel.

Per Dozen
No. 2266/OC—Old Copper Finish $7.00
Weight Per Dozen 4 Pounds.
One-sixth Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1¾x3¾ in.

Wrought Steel.

Per Dozen
No. 2299/OC—Old Copper Finish.....$4.50
Weight Per Dozen 1 Pound.
One Dozen in a Box, with Bolts and Nuts.

Lydian Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SET

Nos. 208/OC and 208/DBS.

CYLINDER FRONT DOOR SETS

Lock—6x3¾ in. Japanned Iron Case, Bronze Metal Armored Front, Strike, Bolts, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing Outside 4 in., Inside 3¾ in., 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors 1½ to 2¼ in.
Escutcheons—Outside Plate 10½x2⅞ in., Inside Plate 7x2½ in.
Knobs—3x2⅝ in., ⅜ in. Swivel Triplex Spindle.

Wrought Bronze.

	Per Set
No. 208/OC —Old Copper Finish	$13.35
No. 208/DBS—Old Brass, Sand Blast Finish	13.35

Weight Per Set 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS

Latch—5x3¾ in. Japanned Iron Case, Bronze Metal Armored Front, Strike, Bolt, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing Outside 3 in., Inside Knob Only, 3 No. 8 Paracentric Nickel Bronze Coined Gold Plated Bow Keys, 5 Pin Tumblers, Changes Unlimited, for Doors 1½ to 2¼ in.
Escutcheons—Outside Plate 10½x2⅞ in., Inside Plate 7x2½ in.
Knobs—3x2⅝ in., ⅜ in. Swivel Triplex Spindle.

Wrought Bronze.

	Per Set
No. 211/OC —Old Copper Finish	$11.00
No. 211/DBS—Old Brass, Sand Blast Finish	11.00

Weight Per Set 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SET

Nos. 211/OC and 211/DBS.

BIT KEY FRONT DOOR SETS

BIT KEY FRONT DOOR SET

Nos. 210/OC to 200/DBS.

Lock—4¾x3⅝ in. Japanned Iron Case, Bronze Plated Front, Strike and Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing 2¾ in., 1 Tumbler, 2 Nickel Plated Solid Steel Keys, 12 Changes.
Escutcheons—Outside Plate 10½x2⅞ in., Inside Plate 7x2½ in.
Knobs—3x2⅝ in., ⅜ in. Swivel Triplex Spindle.

Wrought Steel.

	Per Set
No. 210/OC—Old Copper Finish	$8.70

Lock—4¾x3⅝ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing 2¾ in., 1 Tumbler, 2 Nickel Plated Solid Steel Keys, 12 Changes.
Escutcheons—Outside Plate 10½x2⅞ in., Inside Plate 7x2½ in.
Knobs—3x2⅝ in., ⅜ in. Swivel Triplex Spindle.

Wrought Bronze.

	Per Set
No. 200/OC —Old Copper Finish	$5.00
No. 200/DBS—Old Brass, Sand Blast Finish	5.00

Weight Per Set 5 Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SETS

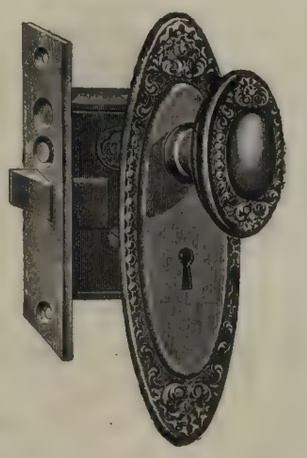
Latch—3⅝x3⅝ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing Outside 1¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Solid Steel Keys, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—2⅝x1⅝ in., ⅜ in. Swivel Triplex Spindle.

Wrought Bronze.

	Per Set
No. 205/OC —Old Copper Finish	$4.00
No. 205/DBS—Old Brass, Sand Blast Finish	4.00

Weight Per Set 3½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SET



Nos. 205/OC and 205/DBS.

Lydian Design.

Cuts One-third Size

INSIDE DOOR SETS

Lock—3½x3¼ in. Japanned Iron Case, Steel Front and Strike, Brass Plated Iron Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅝ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—2⅝x1⅝ in., $\frac{5}{16}$ in. Triplex Spindle.

Wrought Steel. — Per Dozen Sets

No. 230/OC —Old Copper Finish **$12.50**
No. 230/DBS—Old Brass, Sand Blast Finish **12.50**

Lock—3½x3¼ in. Japanned Iron Case, Bronze Metal Front and Bolts, Bronze Plated Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅝ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—2⅝x1⅝ in., $\frac{5}{16}$ in. Triplex Spindle.

Wrought Bronze. — Per Dozen Sets

No. 260/OC —Old Copper Finish **$27.00**
No. 260/DBS—Old Brass, Sand Blast Finish **27.00**
Weight Per Dozen Sets 24 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Lock—5¼x4 in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pulls, Backset 2¾ in., 1 Extension Key.
Escutcheons—Flush Cup, 7x2½ in.

Wrought Steel.

For Single Doors. — Per Set

No. 212/OC —Old Copper Finish **$2.60**
No. 212/DBS—Old Brass, Sand Blast Finish **2.60**
Weight Per Set About 2 Pounds.

For Double Doors. — Per Set

No. 224/OC —Old Copper Finish **$4.00**
No. 224/DBS—Old Brass, Sand Blast Finish **4.00**
Weight Per Set About 4 Pounds.
One Set in a Box, with Screws.

PUSH BUTTONS

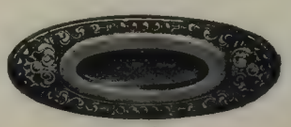
Cut One-third Size

Size 5x2½ in.
Wrought Steel

No. 215/OC—Old Copper Finish ..... Per Dozen **$8.00**
No. 215/DBS—Old Brass, Sand Blast Finish **8.00**
Weight Per Dozen About 2 Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size



Size 1¾x4½ in.

Wrought Steel

No. 216/OC—Old Copper Finish ..... Per Dozen **$1.70**
No. 216/DBS—Old Brass, Sand Blast Finish **1.70**

Weight Per Dozen About 1¼ Pounds.

One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size

Size 10x2⅞ in.
Wrought Steel

No. 266/OC—Old Copper Finish ..... Per Dozen **$8.00**
No. 266/DBS—Old Brass, Sand Blast Finish **8.00**
Weight Per Dozen About 4½ Pounds.
One-sixth Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1¾x4½ in.

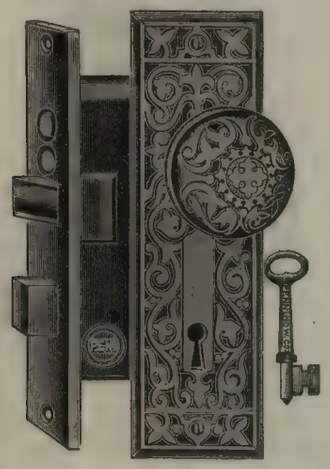
Wrought Steel.

No. 299/OC —Old Copper Finish ..... Per Dozen **$4.50**
No. 299/DBS—Old Brass, Sand Blast Finish **4.50**
Weight Per Dozen About 2 Pounds.
One Dozen in a Box, with Screws.

Magnolia Design Lock Sets.

Cuts One-third Size

BIT KEY FRONT DOOR SETS

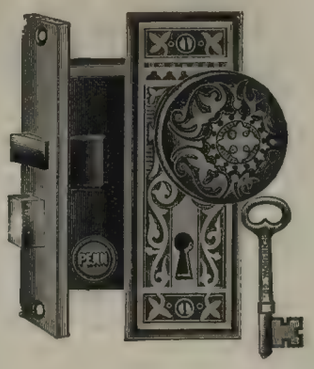


Lock—5x3½ in. Japanned Iron Case, Bronze Plated Steel Front, Iron Bolts, Steel Strike, Iron Hub, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 7½x2¼ in., Inside Plate 5½x1⅞ in.
Knobs—2¼x2¼ in., ⅝ in. Swivel Spindle.

Wrought Steel.

Per Set
No. 310—Dark Background, Polished Raised Surfaces..**$2.00**
Weight Per Set 2½ Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS



Lock—3¾x3¼ in. Bronze Plated Iron Case, Steel Front and Strike, Bronze Plated Bolts, Iron Hub, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 4 Changes.
Escutcheons—Two, 5½x1⅞ in.
Knobs—2¼x2¼ in., ⅝ in. Spindle.

Wrought Steel.

Per Dozen Sets
No. 340—Dark Background, Polished Raised Surfaces..**$9.25**
Weight Per Dozen Sets 21 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

INSIDE DOOR SETS

Lock—3¾x3¼ in. Bronze Plated Iron Case, Steel Front and Strike, Bronze Plated Bolts, Iron Hub, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 4 Changes.
Escutcheons—Two, 5½x1⅞ in.
Knobs—Jet, 2¼x2¼ in., ⅝ in. Spindle.

Wrought Steel.

Per Dozen Sets
No. 335—Dark Background, Polished Raised Surfaces..**$7.00**

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS

Lock—5½x3¼ in. Japanned Iron Case, with Strike, Iron Fronts, Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 5x2 in.

Wrought Steel.

For Single Doors.

Per Set
No. 312—Dark Background, Polished Raised Surfaces..**$2.00**
Weight Per Set 1½ Pounds.

For Double Doors.

Per Set
No. 324—Dark Background, Polished Raised Surfaces..**$2.70**
Weight Per Set About 3 Pounds.
One Set in a Box, with Screws.

Plain Design Lock Sets.

Cuts One-third Size

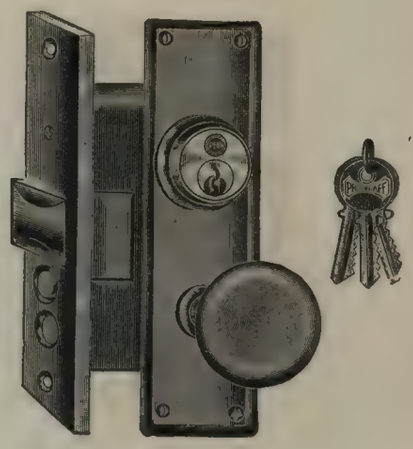
CYLINDER FRONT DOOR SETS

Lock—5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 15/16 in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1½ to 2¼ in.
Escutcheons—Outside Plate 10x2¾ in., Inside Plate 6x2 in.
Knobs—One Piece, 2½x2¼ in., ⅜ in. Swivel Triplex Spindle.

Wrought Bronze.	Per Set
No. 1208/L —Light Natural Finish	$10.00
No. 1208/OC—Old Copper Finish	10.00
No. 1208/DB—Dull Brass Finish	10.00

Weight Per Set About 5 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS



Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Backset 2 15/16 in., Spacing 2½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1½ to 2¼ in.
Escutcheons—Outside Plate 7x2 in., Inside Plate 5¾x2 in.
Knobs—One Piece, 2¼x2¼ in., ⅜ in. Swivel Triplex Spindle.

Wrought Bronze.	Per Set
No. 1211/L —Light Natural Finish	$9.00
No. 1211/OC—Old Copper Finish	9.00
No. 1211/DB—Dull Brass Finish	9.00

Weight Per Set About 3½ Pounds.
One Set in a Box, with Screws.

BIT KEY FRONT DOOR SETS

No 1210/OC to 1200/DB.

Lock—5x3½ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 7x2 in.
Knobs—Two Piece, 2¼x2¼ in., 5/16 in. Swivel Spindle.

Wrought Steel.	Per Set
No. 1210/OC—Old Copper Finish	$2.50
No. 1210/DB—Dull Brass Finish	2.50

Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 7x2 in.
Knobs—Two Piece, 2¼x2¼ in., 5/16 in. Swivel Triplex Spindle.

Wrought Bronze.	Per Set
No. 1200/L —Light Natural Finish	$3.50
No. 1200/OC—Old Copper Finish	3.50
No. 1200/DB—Dull Brass Finish	3.50

Weight Per Set 3½ Pounds.
One Set in a Box, with Screws.

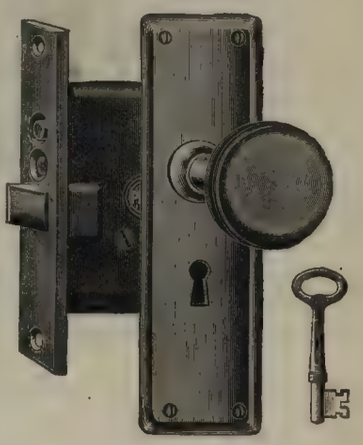
BIT KEY VESTIBULE DOOR SETS

Latch—3⅝x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing Outside 1¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Outside Plate 7x2 in., Inside Plate 5¾x2 in.
Knobs—Two Piece, 2¼x2¼ in., 5/16 in. Swivel Triplex Spindle.

Wrought Bronze.	Per Set
No. 1205/L —Light Natural Finish	$3.00
No. 1205/OC—Old Copper Finish	3.00
No. 1205/DB—Dull Brass Finish	3.00

Weight Per Set About 2½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SETS



No. 1205/L to 1205/DB.

Plain Design Lock Sets.

Cuts One-third Size

INSIDE DOOR SETS

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Escutcheons—Two, 5¾x2 in.

Knobs—Two Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Bronze.

	Per Dozen Sets
No. 1260/L —Light Natural Finish	**$20.00**
No. 1260/OC—Old Copper Finish	**20.00**
No. 1260/DB—Dull Brass Finish	**20.00**

Weight Per Dozen Sets 26 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Lock—3¾x3¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.

Escutcheons—Two, 5¾x2 in.

Knobs—One Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 1235/L —Light Natural Finish	**$11.00**
No. 1235/OC—Old Copper Finish	**11.00**
No. 1235/DB—Dull Brass Finish	**11.00**

Weight Per Dozen Sets 26 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Lock—3¾x3¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 6 Changes.

Escutcheons—Two, 5¾x2 in.

Knobs—Two Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 1230/L —Light Natural Finish	**$8.50**
No. 1230/OC—Old Copper Finish	**8.50**
No. 1230/DB—Dull Brass Finish	**8.50**

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Lock—3¾x3¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Solid Steel Key, 6 Changes.

Escutcheons—Two, 5¾x2 in.

Knobs—Jet, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 1225/L —Light Natural Finish	**$7.25**
No. 1225/OC—Old Copper Finish	**7.25**
No. 1225/DB—Dull Brass Finish	**7.25**

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Plain Design Lock Sets.

Cuts One-third Size

INSIDE DOOR SETS

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Bronze Metal Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 3 Tumblers, 1 Nickel Plated Steel Key, 54 Changes.

Escutcheons—Two, 6x2 in.

Knobs—One Piece, 2¼x2¼ in., ⅜ in. Triplex Spindle.

Wrought Bronze.

Per Dozen Sets

No. 1275/OC—Old Copper Finish **$53.50**

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Lock—4x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., Spacing 2⅝ in., 3 Tumblers, 1 Nickel Plated Solid Steel Key, 36 Changes.

Escutcheons—Two, 6x2 in.

Knobs—One Piece, 2¼x2¼ in., ⅜ in. Triplex Spindle.

Wrought Bronze.

Per Dozen Sets

No. 1280/OC—Old Copper Finish **$53.50**

Weight Per Dozen Sets 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

BATH ROOM DOOR SETS

Lock—3¾x3⅜ in. Japanned Iron Case, Cast Iron Front, Steel Strike and Bolts, Latch Bolt Operated by Knob from Either Side, Dead Bolt by Thumb Knob from Inside Only, No Key.
Escutcheon—One, with Thumb Piece, 5¾x1⅞ in.
Knob—Two Piece, ½ Pair, 2¼ in.

Wrought Steel.

Per Dozen Sets

No. 61/N—Nickel Plated and Polished..... **$14.00**

Lock—3¾x3⅜ in. Japanned Iron Case, Bronze Metal Front, Strike and Bolts, Latch Bolt Operated by Knob from Either Side, Dead Bolt by Thumb Knob from Inside Only, No Key.
Escutcheon—One, with Thumb Piece, 5¾x1⅞ in.
Knob—Two Piece, ½ Pair, 2¼ in.

Wrought Bronze.

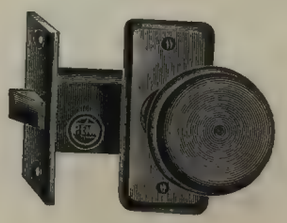
Per Dozen Sets

No. 235N—Nickel Plated and Polished..... **$20.00**

Note—Bath Room Door Sets are furnished with Knob and Escutcheon inside only; any trim may be used on outside to match trim in room.

Weight Per Dozen Sets About 21 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

INSIDE DOOR LATCH SETS



Latch—1½x3¼ in. Wrought Steel Case, Steel Front and Strike, Easy Spring Latch Bolt, Iron Bolts and Hub, Reversible.

Escutcheons—3¼x1½ in.

Knobs—Two Piece, 2¼x2¼ in., ⅜ in. Swivel Spindle.

Wrought Steel.

Per Dozen Sets

No. 1290/OC—Old Copper Finish **$8.50**
No. 1290/DB—Dull Brass Finish **8.50**

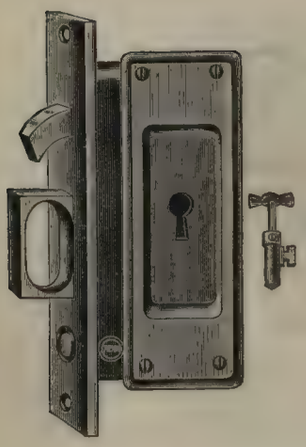
Weight Per Dozen Sets 15 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Plain Design.

Cuts One-third Size

SLIDING DOOR SETS



Lock—5½x3¼ in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 5¾x2 in.

Wrought Steel.

For Single Doors.

	Per Set
No. 1212/L—Light Natural Finish	**$2.00**
No. 1212/OC—Old Copper Finish	**2.00**
No. 1212/DB—Dull Brass Finish	**2.00**

Weight Per Set 2 Pounds.

For Double Doors.

	Per Set
No. 1224/L—Light Natural Finish	**$2.75**
No. 1224/OC—Old Copper Finish	**2.75**
No. 1224/DB—Dull Brass Finish	**2.75**

Weight Per Set 3½ Pounds.
One Set in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 3¼x1½ in.

Wrought Bronze.

	Per Dozen
No. 1215/L—Light Natural Finish	**$8.00**
No. 1215/OC—Old Copper Finish	**8.00**
No. 1215/DB—Dull Brass Finish	**8.00**

Weight Per Dozen About 2 Pounds.

One-twelfth Dozen in a Box, with Srews.

FLUSH SASH LIFTS

Cut One-third Size

Size 1½x3 in.

Wrought Steel.

	Per Dozen
No. 1216/L—Light Natural Finish	**$0.60**
No. 1216/OC—Old Copper Finish	**.60**
No. 1216/DB—Dull Brass Finish	**.60**

Wrought Bronze.

	Per Dozen
No. 1220/L—Light Natural Finish	**$1.50**
No. 1220/OC—Old Copper Finish	**1.50**
No. 1220/DB—Dull Brass Finish	**1.50**

Weight Per Dozen About 1 Pound.

One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size

Size 10x2¾ in.

Wrought Steel.

	Per Dozen
No. 1266/L—Light Natural Finish	**$3.00**
No. 1266/OC—Old Copper Finish	**3.00**
No. 1266/DB—Dull Brass Finish	**3.00**

Weight Per Dozen 5 Pounds.

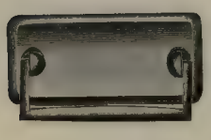
Wrought Bronze.

	Per Dozen
No. 1276/L—Light Natural Finish	**$6.75**
No. 1276/OC—Old Copper Finish	**6.75**
No. 1276/DB—Dull Brass Finish	**6.75**

Weight Per Dozen 5 Pounds.
One-sixth Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size



Size 1½x3¼ in.

Wrought Steel.

	Per Dozen
No. 1299/OC—Old Copper Finish	**$4.50**
No. 1299/DB—Dull Brass Finish	**4.50**

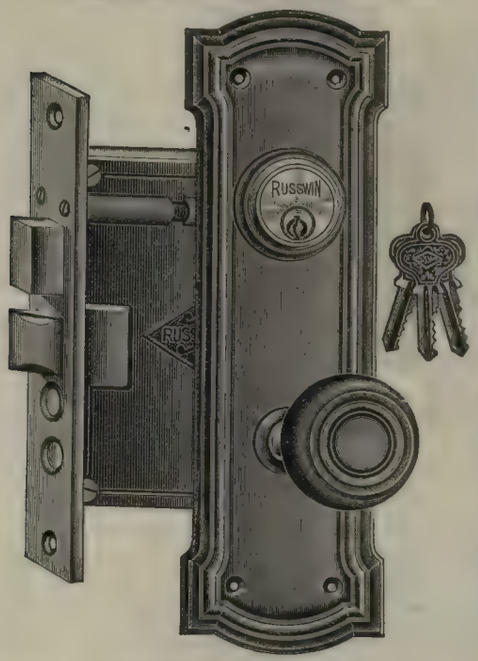
Weight Per Dozen 1 Pound.

One Dozen in a Box, with Bolts and Nuts.

Regent Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SET



Nos. 908/OC and 908/DB.

CYLINDER FRONT DOOR SETS

Lock—5 ½ x 3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., Spacing 3 ⅝ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Escutcheons—Outside Plate 10 ½ x 3 ¼ in., Inside Plate 7 ½ x 2 ⅝ in.
Knobs—One Piece, 2 ¼ x 2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.

	Per Set
No. 908/OC—Old Copper Finish	**$16.00**
No. 908/DB—Dull Brass Finish	**16.00**

Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS

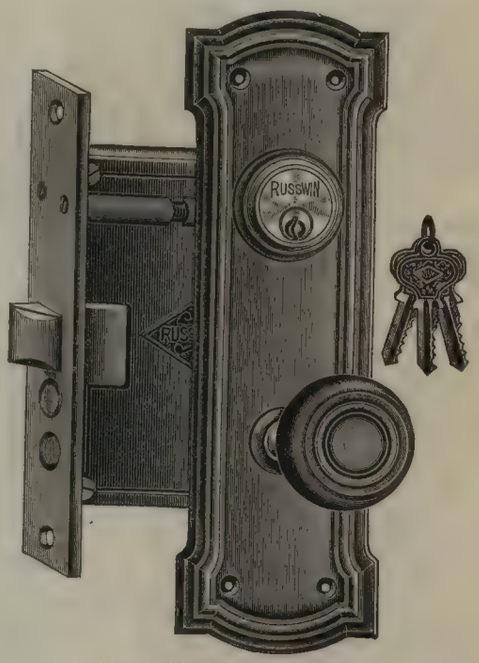
Latch—5 ½ x 3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., Spacing 3 ⅝ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Escutcheons—Outside Plate 10 ½ x 3 ¼ in., Inside Plate 7 ½ x 2 ⅝ in.
Knobs—One Piece, 2 ¼ x 2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.

	Per Set
No. 911/OC—Old Copper Finish	**$15.00**
No. 911/DB—Dull Brass Finish	**15.00**

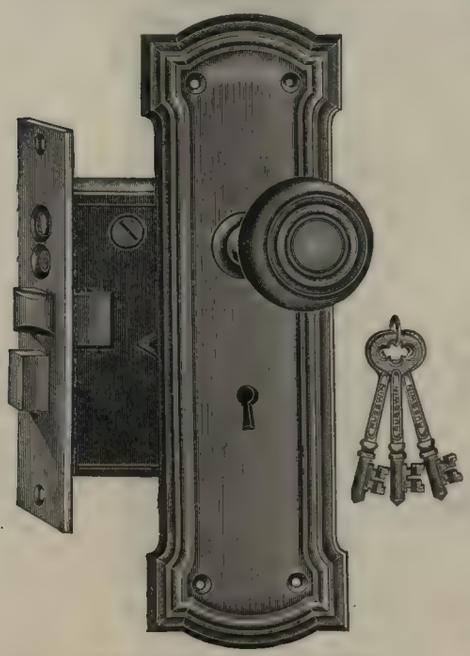
Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SET



Nos. 911/OC and 911/DB.

BIT KEY FRONT DOOR SET



Nos. 900/OC and 900/DB.

BIT KEY FRONT DOOR SETS

Lock—4 ½ x 3 ⅝ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., Spacing 2 ⅝ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10 ½ x 3 ¼ in., Inside Plate 7 ½ x 2 ⅝ in.
Knobs—One Piece, 2 ¼ x 2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.

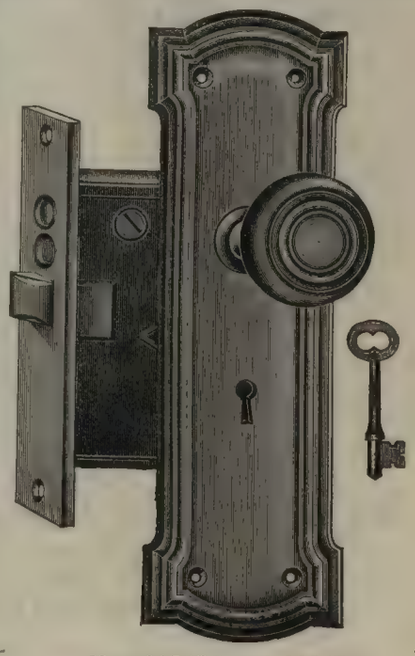
	Per Set
No. 900/OC—Old Copper Finish.	**$5.50**
No. 900/DB—Dull Brass Finish.	**5.50**

Weight Per Set About 3 ½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SETS

Latch—4 ½ x 3 ⅝ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., Spacing 2 ⅝ in., 1 Tumbler, 2 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Two, 7 ½ x 2 ⅝ in.
Knobs—One Piece, 2 ¼ x 2 ¼ in., ⅞ in. Swivel Spindle.

BIT KEY VESTIBULE DOOR SET



Nos. 905/OC and 905/DB.

Wrought Bronze.

	Per Set
No. 905/OC—Old Copper Finish	**$5.25**
No. 905/DB—Dull Brass Finish	**5.25**

Weight Per Set About 2 ¾ Pounds.
One Set in a Box, with Screws.

Regent Design.

INSIDE DOOR SETS

Cuts One-third Size

Lock—3½x3 in. Wrought Steel Case, Wrought Steel Front and Strike, Iron Bolts, Reversible, Backset 2⅜ in., Spacing 2 3/16 in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7½x2⅝ in.
Knobs—One Piece, 2¼x2¼ in., 5/16 in. Spindle.

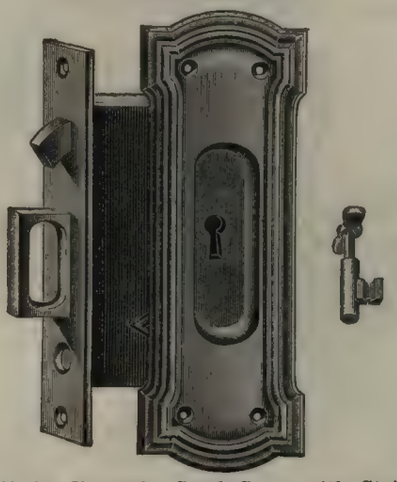
Wrought Steel.	Per Dozen Sets
No. 930/OC—Old Copper Finish	$14.00
No. 930/DB—Dull Brass Finish	14.00

Lock—3½x3 in. Wrought Steel Case, Bronze Metal Front, Bolts and Strike, Reversible, Backset 2⅜ in., Spacing 2 3/16 in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7½x2⅝ in.
Knobs—Two Piece, 2¼x2¼ in., 5/16 in. Spindle.

Wrought Bronze.	Per Dozen Sets
No. 960/OC—Old Copper Finish	$36.00
No. 960/DB—Dull Brass Finish	36.00

Weight Per Dozen About 33 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

SLIDING DOOR SETS



Lock—5½x3½ in. Wrought Steel Case, with Strike, Bronze Metal Front, Bolts and Pull, Backset 2½ in., 1 Extension Key.
Escutcheons—Flush, 7½x2⅝ in.

Wrought Bronze.

For Single Doors.	Per Set
No. 912/OC—Old Copper Finish	$4.25
No. 912/DB—Dull Brass Finish	4.25

Weight Per Set About 2 Pounds.

For Double Doors.	Per Set
No. 924/OC—Old Copper Finish	$6.40
No. 924/DB—Dull Brass Finish	6.40

Weight Per Set About 4 Pounds.
One Set in a Box, with Screws.

PUSH PLATES

Cut One-third Size.

Size 10½x3¼ in.

Wrought Steel.	Per Dozen
No. 966/OC—Old Copper Finish	$8.00
No. 966/DB—Dull Brass Finish	8.00

Wrought Bronze.	Per Dozen
No. 976/OC—Old Copper Finish	$16.00
No. 976/DB—Dull Brass Finish	16.00

Weight Per Dozen About 5 Pounds.
One-sixth Dozen in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size.

Size 4x1½ in.

Wrought Bronze.	Per Dozen
No. 915/OC—Old Copper Finish	$14.00
No. 915/DB—Dull Brass Finish	14.00

Weight Per Dozen About 3 Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size.

Size 1½x4 in.

Wrought Steel.	Per Dozen
No. 916/OC—Old Copper Finish	$2.20
No. 916/DB—Dull Brass Finish	2.20

Wrought Bronze.	Per Dozen
No. 920/OC—Old Copper Finish	$3.60
No. 920/DB—Dull Brass Finish	3.60

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1½x4 in.

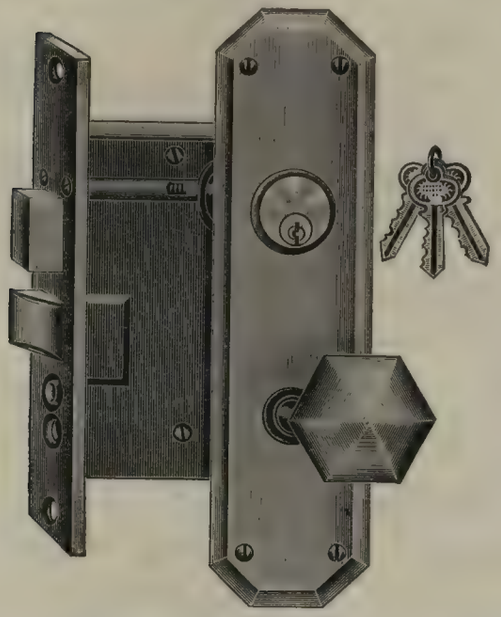
Wrought Bronze.	Per Dozen
No. 996/OC—Old Copper Finish	$7.20
No. 996/DB—Dull Brass Finish	7.20

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box, with Bolts and Nuts.

Revere Design Lock Sets.

Cuts One-third Size.

CYLINDER FRONT DOOR SETS



Lock—5 ¾ x3 ¾ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike and Cylinder, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 3 ½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ¾ to 2 ¼ in.

Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ¼ in.

Knobs—2 ¼ x2 ¼ in., ⅜ in. Swivel Spindle.

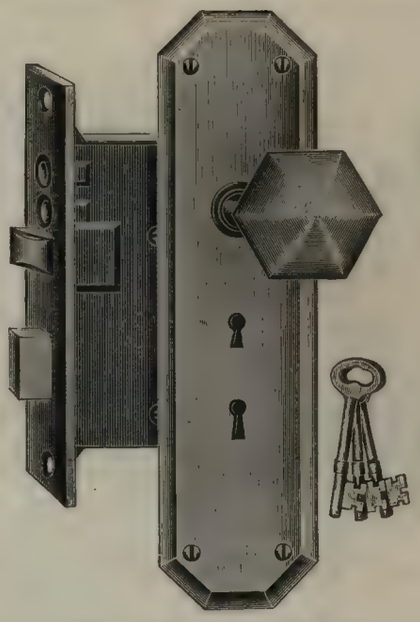
Wrought Bronze.

	Per Set
No. 4208/OC—Old Copper Finish	$12.25
No. 4208/DB—Dull Brass Finish	12.25

Weight Per Set About 6 Pounds.

One Set in a Box, with Screws.

BIT KEY FRONT DOOR SETS



Lock—5x3 ½ in. Steel Case, Plated Steel Front, Strike and Bolts, Easy Spring Latch Bolt, Reversible, 3 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., ⅜ in. Swivel Spindle.

Wrought Steel.

	Per Set
No. 4210/OC—Old Copper Finish	$3.50
No. 4210/DB—Dull Brass Finish	3.50

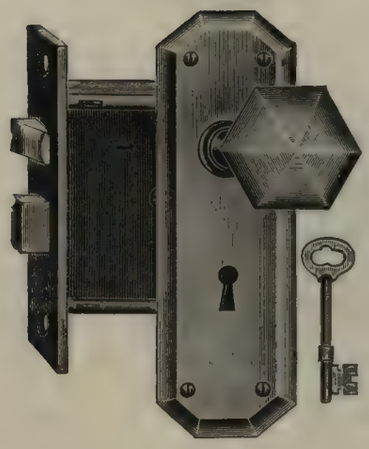
Lock—5x3 ½ in. Steel Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 3 ½ in., Spacing 2 and 3 ½ in., 3 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., ⅜ in. Swivel Spindle.

Wrought Bronze.

	Per Set
No. 4200/OC—Old Copper Finish	$4.50
No. 4200/DB—Dull Brass Finish	4.50

Weight Per Set About 4 Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS



Lock—3 ¾ x3 ½ in. Steel Case, Plated Front, Strike and Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ½ in., 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 4230/OC—Old Copper Finish	$11.75
No. 4230/DB—Dull Brass Finish	11.75

Lock—3 ¾ x3 ½ in. Steel Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ½ in., 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2 ¼ in.
Knobs—2 ¼ x2 ¼ in., ⅜ in. Spindle.

Wrought Bronze.

	Per Dozen Sets
No. 4260/OC—Old Copper Finish	$24.00
No. 4260/DB—Dull Brass Finish	24.00

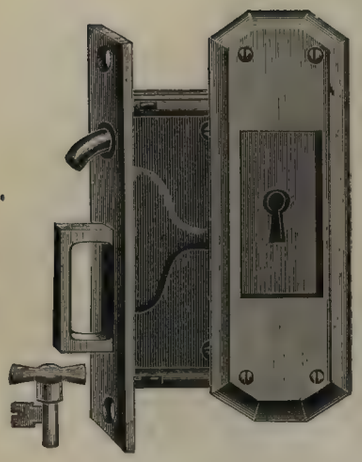
Weight Per Dozen Sets About 24 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Revere Design.

Cuts One-third Size

SLIDING DOOR SETS



Lock—5x3½ in. Steel Case, with Strike, Plated Steel Front, Bolts and Pull, Backset 2½ in., 1 Extension Key.
Escutcheons—Flush Cup, 7½x2¼ in.

Wrought Steel.

For Single Door.

	Per Set
No. 4212/OC—Old Copper Finish	$2.50
No. 4212/DB—Dull Brass Finish	2.50

Weight Per Set About 2¼ Pounds.

For Double Doors.

	Per Set
No. 4224/OC—Old Copper Finish	$3.50
No. 4224/DB—Dull Brass Finish	3.50

Weight Per Set About 4 Pounds.

One Set in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 4x2½ in.

Wrought Bronze.

	Per Dozen
No. 4215/OC—Old Copper Finish	$9.00
No. 4215/DB—Dull Brass Finish	9.00

Weight Per Dozen About 3 Pounds.

One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size

Size 1½x3 in.

Wrought Steel.

	Per Dozen
No. 4216/OC—Old Copper Finish	$1.50
No. 4216/DB—Dull Brass Finish	1.50

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1½x3 in.

Wrought Steel.

	Per Dozen
No. 4299/OC—Old Copper Finish	$6.25
No. 4299/DB—Dull Brass Finish	6.25

Weight Per Dozen About 5 Pounds.

One Dozen in a Box, with Bolts and Nuts.

PUSH PLATES

Cut One-third Size

Size 10x2¾ in.

Wrought Steel.

	Per Dozen
No. 4266/OC—Old Copper Finish	$7.50
No. 4266/DB—Dull Brass Finish	7.50

Wrought Bronze.

	Per Dozen
No. 4276/OC—Old Copper Finish	$13.50
No. 4276/DB—Dull Brass Finish	13.50

Weight Per Dozen About 5 Pounds.

One-sixth Dozen in a Box, with Screws.

Stirling Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SET

Nos. 108/OC to 108/DBS.

CYLINDER FRONT DOOR SETS

Lock—5½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 8x2¾ in.
Knobs—One Piece, 2½x2¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 108/OC —Old Copper Finish	$11.25
No. 108/DB —Dull Brass Finish	11.25
No. 108/DBS—Dull Brass, Sand Blast Finish	12.50

Weight Per Set 5¼ Pounds.
One Set in a Box, with Screws.

CYLINDER VESTIBULE DOOR SETS

Latch—4½x4 in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing Outside 2½ in., Inside Knob Only, 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.
Escutcheons—Outside Plate 8x2¾ in., Inside Plate 8x2¾ in.
Knobs—One Piece, 2½x2¼ in., ⅞ in. Swivel Spindle.

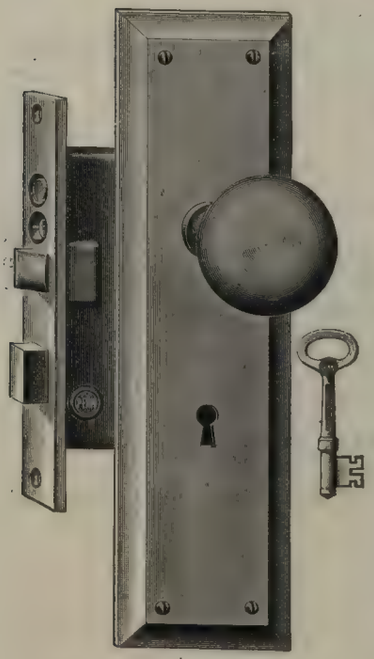
CYLINDER VESTIBULE DOOR SET

Nos. 111/OC to 111/DBS.

Wrought Bronze.	Per Set
No. 111/OC —Old Copper Finish	$ 9.50
No. 111/DB —Dull Brass Finish	9.50
No. 111/DBS—Dull Brass, Sand Blast Finish	10.50

Weight Per Set 4½ Pounds.
One Set in a Box, with Screws.

BIT KEY FRONT DOOR SETS



Nos. 110/OC to 100/DBS.

BIT KEY FRONT DOOR SETS

Lock—5x3½ in. Japanned Iron Case, Iron Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 7x2¼ in.
Knobs—One Piece, 2¼x2¼ in., ⅞ in. Swivel Spindle.

Wrought Steel.	Per Set
No. 110/OC —Old Copper Finish	$2.75
No. 110/DB —Dull Brass Finish	2.75
No. 110/DBS—Dull Brass, Sand Blast Finish	3.25

Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 7x2¼ in.
Knobs—One Piece, 2¼x2¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 100/OC —Old Copper Finish	$3.75
No. 100/DB —Dull Brass Finish	3.75
No. 100/DBS—Dull Brass, Sand Blast Finish	4.50

Weight Per Set 3½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SETS

Latch—3⅝x3½ in. Japanned Iron Case, Bronze Metal Front, Bolt and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing Outside 1¾ in., Inside Knob Only, 1 Tumbler, 2 Nickel Plated Steel Keys, 12 Changes.
Escutcheons—Two, 8x2¾ in.
Knobs—One Piece, 2¼x2¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 105/OC —Old Copper Finish	$3.50
No. 105/DB —Dull Brass Finish	3.50
No. 105/DBS—Dull Brass, Sand Blast Finish	4.00

Weight Per Set 2½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SETS

Nos. 105/OC to 105/DBS.

Stirling Design Lock Sets.

Cuts One-third Size

INSIDE DOOR SETS

Lock—3¾x3¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., **1 Tumbler**, 1 Nickel Plated Steel Key, 12 Changes.

Escutcheons—Two, 7x2¼ in.

Knobs—Two Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 130/OC —Old Copper Finish	**$10.00**
No. 130/DB —Dull Brass Finish	**10.00**
No. 130/DBS—Dull Brass, Sand Blast Finish	**11.00**

Lock—3¾x3¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., **3 Tumblers**, 1 Nickel Plated Steel Key, 36 Changes.

Escutcheons—Two, 7x2¼ in.

Knobs—Two Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 130¾/OC —Old Copper Finish	**$15.00**
No. 130¾/DB —Dull Brass Finish	**15.00**
No. 130¾/DBS—Dull Brass, Sand Blast Finish	**17.00**

Weight Per Dozen Sets About 24 Pounds.

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., **1 Tumbler**, 1 Nickel Plated Steel Key, 12 Changes.

Escutcheons—Two, 7x2¼ in.

Knobs—One Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Bronze.

	Per Dozen Sets
No. 160/OC —Old Copper Finish	**$22.00**
No. 160/DB —Dull Brass Finish	**22.00**
No. 160/DBS—Dull Brass, Sand Blast Finish	**24.00**

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., **3 Tumblers**, 1 Nickel Plated Steel Key, 36 Changes.

Escutcheons—Two, 7x2¼ in.

Knobs—One Piece, 2¼x2¼ in., ⅜ in. Spindle.

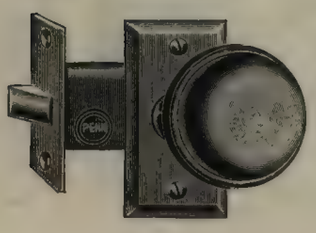
Wrought Bronze.

	Per Dozen Sets
No. 160¾/OC —Old Copper Finish	**$27.00**
No. 160¾/DB —Dull Brass Finish	**27.00**
No. 160¾/DBS—Dull Brass, Sand Blast Finish	**30.00**

Weight Per Dozen Sets About 27 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

INSIDE DOOR LATCH SETS



Latch—1¼x3 in. Wrought Steel Case, Steel Front and Strike, Easy Spring Latch Bolt, Iron Bolt and Hub, Reversible.
Escutcheons—3¼x1¾ in.
Knobs—Two Piece, 2¼ in., ⅜ in. Swivel Spindle.

Wrought Steel.

	Per Dozen Sets
No. 190/OC —Old Copper Finish	**$ 9.00**
No. 190/DB —Dull Brass Finish	**9.00**
No. 190/DBS—Dull Brass, Sand Blast Finish	**10.00**

Weight Per Dozen Sets 10½ Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Stirling Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SETS

Lock—5 ½x4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2⅛ in., Spacing 3½ in., 3 German Silver Keys, Changes Unlimited, for Doors 1⅝ to 2¾ in.

Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 8x2¾ in.

Knobs—Hexagon, 2½x2¼ in., ⅞ in. Swivel Spindle.

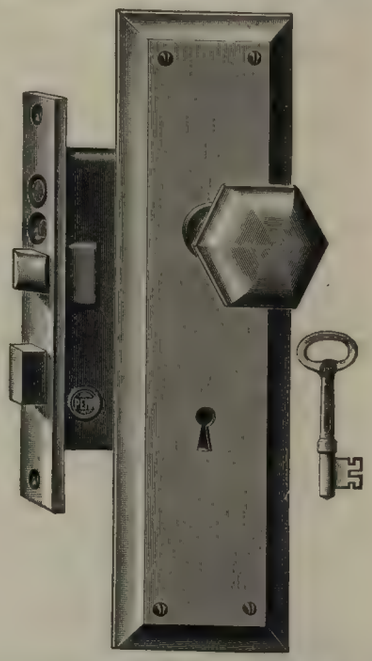
Wrought Bronze.

	Per Set
No. 508/OC —Old Copper Finish	$12.25
No. 508/DB —Dull Brass Finish	12.25
No. 508/DBS—Dull Brass, Sand Blast Finish	13.50

Weight Per Set 5 Pounds.

One Set in a Box, with Screws.

BIT KEY FRONT DOOR SETS



Lock—5x3½ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.

Escutcheons—Outside Plate 10½x2¾ in., Inside Plate 7x2¼ in.

Knobs—Hexagon, 2¼x2¼ in., ⅞ in. Swivel Spindle.

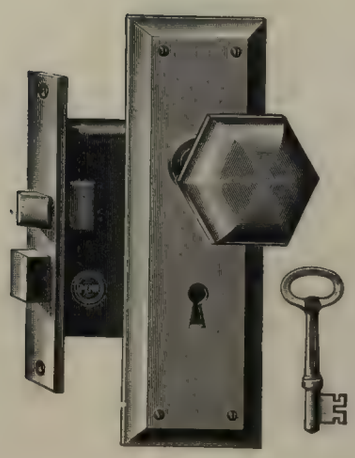
Wrought Bronze.

	Per Set
No. 500/OC —Old Copper Finish	$4.25
No. 500/DB —Dull Brass Finish	4.25
No. 500/DBS—Dull Brass, Sand Blast Finish	5.00

Weight Per Set 3¼ Pounds.

One Set in a Box, with Screws.

INSIDE DOOR SETS



Lock—3¾x3¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2¼ in.
Knobs—Hexagon, 2¼x2¼ in., ⅞ in. Spindle.

Wrought Steel.

	Per Dozen Sets
No. 530/OC —Old Copper Finish	$11.75
No. 530/DB —Dull Brass Finish	11.75
No. 530/DBS—Dull Brass, Sand Blast Finish	13.00

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2¼ in.
Knobs—Hexagon, 2¼x2¼ in., ⅞ in. Spindle.

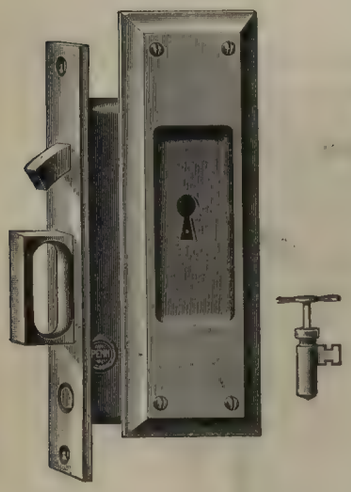
Wrought Bronze.

	Per Dozen Sets
No. 560/OC —Old Copper Finish	$26.00
No. 560/DB —Dull Brass Finish	26.00
No. 560/DBS—Dull Brass, Sand Blast Finish	29.00

Weight Per Dozen Sets 22 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Stirling Design.



Cut One-third Size

SLIDING DOOR SETS

Lock—5½x3¼ in. Japanned Iron Case, with Strike, Steel Front, Bronze Metal Bolts and Pulls, Backset 2 in., 1 Extension Key.
Escutcheons—Flush Cup, 7x2¼ in.

Wrought Steel.

For Single Doors.	Per Set
No. 112/OC —Old Copper Finish	$2.50
No. 112/DB —Dull Brass Finish	2.50
No. 112/DBS—Dull Brass, Sand Blast Finish	3.00

Weight Per Set About 2 Pounds.

For Double Doors.	Per Set
No. 124/OC —Old Copper Finish	$3.50
No. 124/DB —Dull Brass Finish	3.50
No. 124/DBS—Dull Brass, Sand Blast Finish	4.00

Weight Per Set About 3½ Pounds.
One Set in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size.

Size 3¼x1¾ in.

Wrought Bronze.

	Per Dozen
No. 115/OC—Old Copper Finish	$10.00
No. 115/DB—Dull Brass Finish	10.00
No. 115/DBS—Dull Brass, Sand Blast Finish	11.00

Weight Per Dozen 2½ Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size.

Size 1¾x3¼ in.

Wrought Steel.

	Per Dozen
No. 116/OC—Old Copper Finish	$1.25
No. 116/DB—Dull Brass Finish	1.25
No. 116/DBS—Dull Brass, Sand Blast Finish	1.50

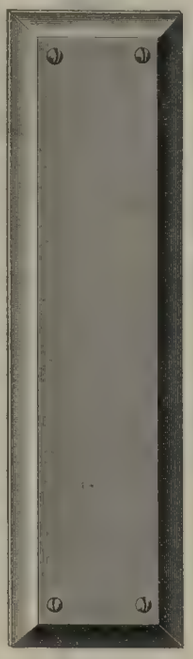
Wrought Bronze.

	Per Dozen
No. 120/OC—Old Copper Finish	$1.75
No. 120/DB—Dull Brass Finish	1.75
No. 120/DBS—Dull Brass, Sand Blast Finish	2.00

Weight Per Dozen ¾ Pound.
One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size.



Size 10½x2¾ in.

Wrought Steel.

	Per Dozen
No. 166/OC—Old Copper Finish	$5.75
No. 166/DB—Dull Brass Finish	5.75
No. 166/DBS—Dull Brass, Sand Blast Finish	6.50

Wrought Bronze.

	Per Dozen
No. 176/OC—Old Copper Finish	$10.00
No. 176/DB—Dull Brass Finish	10.00
No. 176/DBS—Dull Brass, Sand Blast Finish	11.00

Weight Per Dozen 5 Pounds.
One-sixth Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size.

Size 1⅜x4 in.

Wrought Steel.

	Per Dozen
No. 199/OC —Old Copper Finish	$4.50
No. 199/DB —Dull Brass Finish	4.50
No. 199/DBS—Dull Brass, Sand Blast Finish	5.00

Weight Per Dozen ¾ Pound.
One Dozen in a Box, with Bolts and Nuts.

Stirling Design.

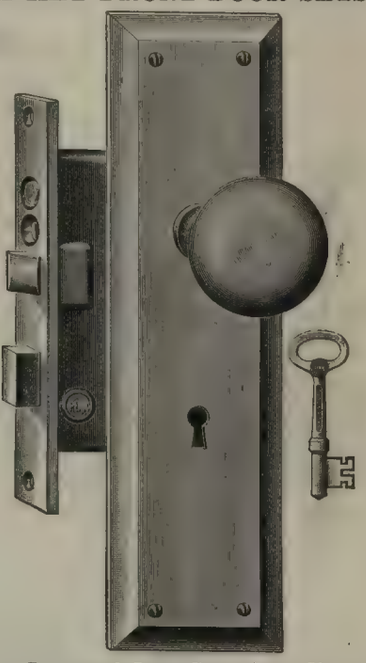
CYLINDER FRONT DOOR SETS

Cuts One-third Size

Lock—5 ½x4 in. Japanned Iron Case, Iron Front and Strike, Bronze Metal Bolts, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 15/16 in., Spacing 3 ½ in. 3 German Silver Keys, Changes Unlimited, for Door 1 5/8 to 2 ¾ in.
Escutcheons—Outside Plate 10 ½x2 ¾ in., Inside Plate 8x2 ¾ in.
Knobs—One Piece, 2 ½x2 ¼ in., 5/16 in. Swivel Spindle.

Wrought Steel. Per Set
No. 108/BB—Bower-Barff Finish **$11.25**
Weight Per Set 5 ½ Pounds.
One Set in a Box, with Screws.

BIT KEY FRONT DOOR SETS



Lock—5x3 ½ in. Japanned Iron Case, Iron Front and Strike, Bronze Metal Bolts and Hub, Easy Spring Latch Bolts, Reversible, Backset 2 ½ in., Spacing 3 ⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10 ½x2 ¾ in., Inside Plate 7x2 ¼ in.
Knobs—One Piece, 2 ¼x2 ¼ in., 5/16 in. Swivel Spindle.

Wrought Steel. Per Set
No. 100/BB—Bower-Barff Finish **$3.75**
Weight Per Set 3 ½ Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS

Lock—3 ¾x3 ¼ in. Japanned Iron Case, Steel Front and Strike, Iron Bolt and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2 ¼ in.
Knobs—One Piece, 2 ¼x2 ¼ in., 5/16 in. Spindle.

Wrought Steel.
Per Dozen Sets
No. 130/BB—Bower-Barff Finish **$20.00**
Weight Per Dozen Sets 24 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

PUSH BUTTONS

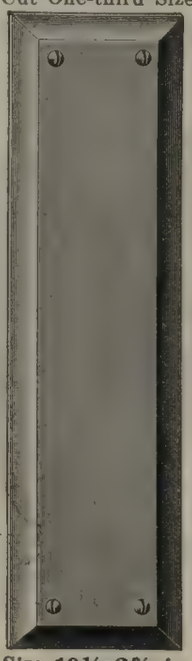
Cut One-third Size.

Size 3 ¼x1 ¾ in.

Wrought Steel.
Per Dozen
No. 115/BB—Bower-Barff Finish **$10.00**
Weight Per Dozen 2 ½ Pounds.
One-twelfth Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size



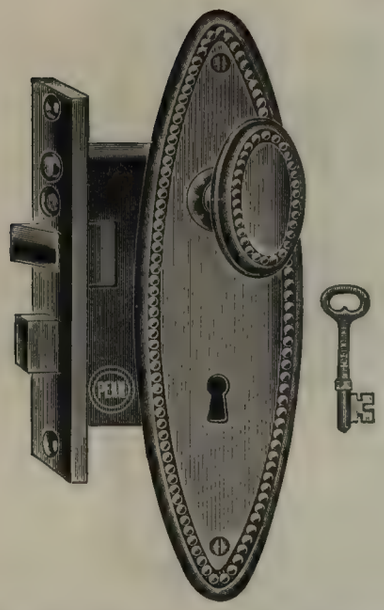
Size 10 ½x2 ¾ in.

Wrought Steel. Per Dozen
No. 166/BB—Bower-Barff Finish **$10.00**
Weight Per Dozen About 15 Pounds.
One-sixth Dozen in a Box, with Screws.

Warwick Design Lock Sets.

Cuts One-third Size

BIT KEY FRONT DOOR SETS

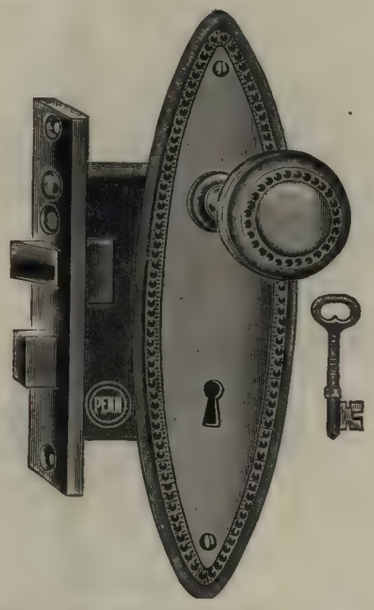


Lock—5x3½ in. Japanned Iron Case, Wrought Steel Front, Bolts and Strike, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x2¾ in., Inside Plate 6⅞x2¼ in.
Knobs—Oval, 2¼ in., 5/16 in. Swivel Spindle.

Wrought Steel.	Per Set
No. 1910/OC—Old Copper Finish	$2.25

Wrought Bronze.	Per Set
No. 1900/OC—Old Copper Finish	$3.50

Weight Per Set 2¾ Pounds.
One Set in a Box, with Screws.



Lock—5x3½ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Bronze Plated Iron Bolt, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 3⅛ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x2¾ in., Inside Plate 6⅞x2¼ in.
Knobs—Round, 2¼ in., 5/16 in. Swivel Spindle.

Wrought Steel.	Per Set
No. R1910/OC—Old Copper Finish	$2.25

Weight Per Set 2¾ Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Bronze Plated Iron Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 6⅞x2¼ in.
Knobs—Oval, 2¼ in., 5/16 in. Spindle.

Wrought Steel.	Per Dozen Sets
No. 1930/OC—Old Copper Finish	$9.00

Weight Per Dozen Sets 21 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

Lock—3¾x3¼ in. Japanned Iron Case, Bronze Plated Steel Front and Strike, Bronze Plated Iron Bolts, Iron Hub, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2⅜ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 6⅞x2¼ in.
Knobs—Round, 2¼ in., 5/16 in. Spindle.

Wrought Steel.	Per Dozen Sets
No. R1930/OC—Old Copper Finish	$9.00

Weight Per Dozen Sets 21 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

Warwick Design.

Cuts One-third Size

SLIDING DOOR SETS

Lock—5½x3¼ in. Japanned Iron Case, with Strike, Bronze Plated Front, Bolts and Pulls, Backset 2 in., 1 Extension Key.

Escutcheons—Flush Cup, 6⅞x2¼ in.

Wrought Steel.

For Single Doors.

	Per Set
No. 1912/OC—Old Copper Finish	$2.25

Weight Per Set 1¾ Pounds.

For Double Doors.

	Per Set
No. 1924/OC—Old Copper Finish	$2.75

Weight Per Set About 3 Pounds.

One Set in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 4¼x1½ in.

Wrought Steel.

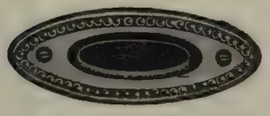
	Per Dozen
No. 1915/OC—Old Copper Finish	$6.75

Weight Per Dozen 2½ Pounds.

One-sixth Dozen in a Box, with Screws.

SASH LIFTS

Cut One-third Size



Size 1⅛x4¼ in.

Wrought Steel.

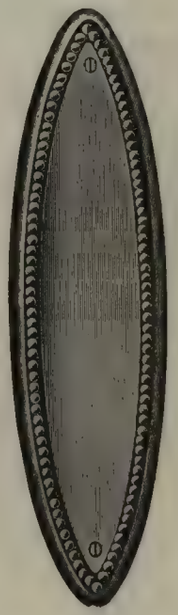
	Per Dozen
No. 1916/OC—Old Copper Finish	$1.50

Weight Per Dozen ⅝ Pound.

One Dozen in a Box, with Screws.

PUSH PLATES

Cut One-third Size



Size 10x2⅞ in.

Wrought Steel.

	Per Dozen
No. 1966/OC—Old Copper Finish	$6.75

Weight Per Dozen 4 Pounds.

One-sixth Dozen in a Box, with Screws.

Wellington Design Lock Sets.

Cuts One-third Size

CYLINDER FRONT DOOR SETS

Lock—5 ½x3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., Spacing 3 ⅝ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ½ in.
Knobs—One Piece, 2 ¼x2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 4108/OC—Old Copper Finish	**$14.50**
No. 4108/DB—Dull Brass Finish	**14.50**

Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

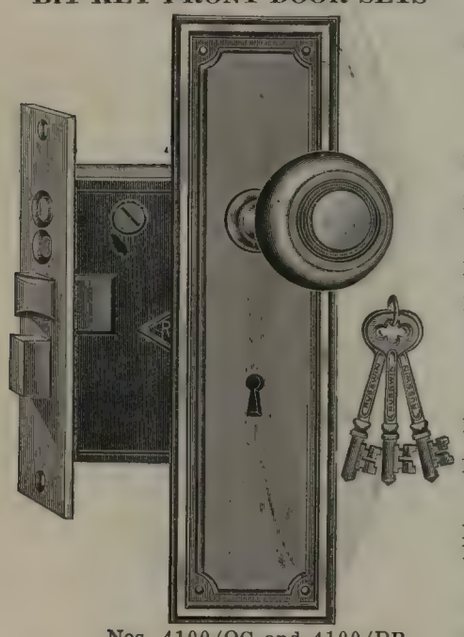
CYLINDER VESTIBULE DOOR SETS

Latch—5 ½x3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike, Cylinder and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., Spacing 3 ⅝ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ½ in.
Knobs—One Piece, 2 ¼x2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 4111/OC—Old Copper Finish	**$13.50**
No. 4111/DB—Dull Brass Finish	**13.50**

Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

BIT KEY FRONT DOOR SETS



Nos. 4100/OC and 4100/DB.

Lock—4 ½x3 ⅝ in. Japanned Iron Case, Steel Front and Strike, Iron Bolts and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., Spacing 2 ⅝ in., 1 Tumbler, 3 Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ½ in.
Knobs—Two Piece, 2 ¼x2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Steel.	Per Set
No. 4110/OC—Old Copper Finish	**$4.00**

Lock—4 ½x3 ⅝ in. Japanned Iron Case, Bronze Metal Front, Bolts, Strike and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., Spacing 2 ⅝ in., 1 Tumbler, Three Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Outside Plate 10x2 ¾ in., Inside Plate 7x2 ½ in.
Knobs—One Piece, 2 ¼x2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 4100/OC—Old Copper Finish	**$5.50**
No. 4100/DB—Dull Brass Finish	**5.50**

Weight Per Set About 3 ½ Pounds.
One Set in a Box, with Screws.

BIT KEY VESTIBULE DOOR SETS

Nos. 4105/OC and 4105/DB.

Latch—4 ½x3 ⅝ in. Japanned Iron Case, Bronze Metal Front, Bolt, Strike and Hub, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., Spacing 2 ⅝ in., 1 Tumbler, Two Nickel Plated Steel Keys, 24 Changes.
Escutcheons—Two, 7x2 ½ in. **Knobs**—One Piece, 2 ¼x2 ¼ in., ⅞ in. Swivel Spindle.

Wrought Bronze.	Per Set
No. 4105/OC—Old Copper Finish	**$5.25**
No. 4105/DB—Dull Brass Finish	**5.25**

Weight Per Set About 2 ¾ Pounds.
One Set in a Box, with Screws.

Wellington Design.

Cuts One-third Size

INSIDE DOOR SETS

Lock—3½x3 in. Wrought Steel Case, Steel Front and Strike, Iron Bolts and Hub, Reversible, Backset 2⅜ in., Spacing 2 5/16 in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—Two Piece, 2¼x2¼ in., ⅜ in. Spindle.

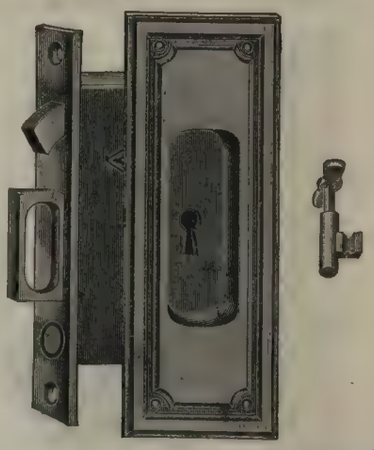
Wrought Steel.	Per Dozen Sets
No. 4130/OC—Old Copper Finish	$13.00
No. 4130/DB—Dull Brass Finish	13.00

Lock—3½x3 in. Wrought Steel Case, Bronze Metal Front, Bolts and Strike, Reversible, Backset 2⅜ in., Spacing 2 5/16 in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Escutcheons—Two, 7x2½ in.
Knobs—One Piece, 2¼x2¼ in., ⅜ in. Spindle.

Wrought Bronze.	Per Dozen Sets
No. 4160/OC—Old Copper Finish	$35.00
No. 4160/DB—Dull Brass Finish	35.00

Weight Per Dozen About 33 Pounds.
One-twelfth Dozen in a Box, with Screws.

SLIDING DOOR SETS



Lock—4¾x3½ in. Japanned Case, with Strike, Bronze Plated Front, Bronze Metal Bolts and Pulls, Backset 2½ in., 1 Extension Key.
Escutcheons—Flush Cup, 7x2½ in.

Wrought Steel. For Single Doors.	Per Set
No. 4112/OC—Old Copper Finish	$3.20
No. 4112/DB—Dull Brass Finish	3.20

Weight Per Set About 2 Pounds.

For Double Doors.	Per Set
No. 4124/OC—Old Copper Finish	$5.30
No. 4124/DB—Dull Brass Finish	5.30

Weight Per Set About 4 Pounds.
One Set in a Box, with Screws.

PUSH PLATES

Cut One-third Size

Size 10½x2¾ in.

Wrought Steel.	Per Dozen
No. 4166/OC—Old Copper Finish	$7.50
No. 4166/DB—Dull Brass Finish	7.50

Wrought Bronze.	Per Dozen
No. 4176/OC—Old Copper Finish	$11.50
No. 4176/DB—Dull Brass Finish	11.50

Weight Per Dozen About 5 Pounds.
One-sixth Dozen in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 3⅜x1½ in.

Wrought Bronze.	Per Dozen
No. 4115/OC—Old Copper Finish	$12.00
No. 4115/DB—Dull Brass Finish	12.00

Weight Per Dozen About 3 Pounds.
One-sixth Dozen in a Box, with Screws.

FLUSH SASH LIFTS

Cut One-third Size

Size 1½x3⅜ in.

Wrought Steel.

	Per Dozen
No. 4116/OC—Old Copper Finish	$2.00
No. 4116/DB—Dull Brass Finish	2.00

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box, with Screws.

DROP DRAWER HANDLES

Cut One-third Size

Size 1½x3⅜ in.

Wrought Steel.

	Per Dozen
No. 4199/OC—Old Copper Finish	$5.25
No. 4199/DB—Dull Brass Finish	5.25

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box, with Screws.

Sectional Lock Sets.

Cuts One-third Size

DOUGLAS DESIGN

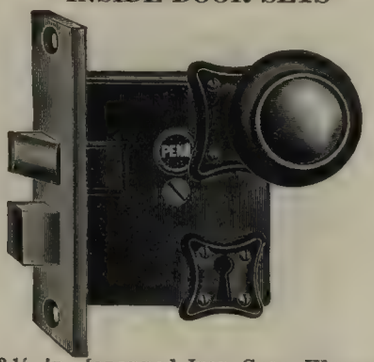
CYLINDER FRONT DOOR SETS

Lock—5½x3¾ in. Japanned Iron Case, Cast Bronze Front, Bolts, Cylinder and Strike, Reversible, Backset 2¾ in., 3 German Silver Keys, Changes Unlimited, for Doors 1¾ to 2 in.
Knobs—2¼ in., ⅜ in. Spindle.
Outside Trim—1 Cylinder Plate 2⅝x2⅝ in., 1 Knob Rose and Plate 2⅝x2⅝ in.
Inside Trim—1 Turn Knob and Plate 1½x1½ in., 1 Knob Rose and Plate 2x2 in.

	Wrought Bronze. Per Set
No. 708/DB	—Dull Brass Finish $12.00
No. 708/DBS	—Dull Brass, Sand Blast Finish..... 14.00

Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS



Lock—3¾x3¼ in. Japanned Iron Case, Wrought Steel Front and Strike, Iron Bolts, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2¼ in., ⅜ in. Spindle.
Trim—2 Knob Roses and Plates 2x2 in., 2 Key Plate Escutcheons 1½x1½ in.

	Wrought Steel. Per Dozen Sets
No. 730/DB	—Dull Brass Finish $12.00
No. 730/DBS	—Dull Brass, Sand Blast Finish..... 14.00

Lock—3¾x3¼ in. Japanned Iron Case, Cast Bronze Front and Bolts, Plated Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2¼ in., ⅜ in. Spindle.
Trim—2 Knob Roses and Plates 2x2 in., 2 Key Plate Escutcheons 1½x1½ in.

	Wrought Bronze. Per Dozen Sets
No. 760/DB	—Dull Brass Finish $22.00
No. 760/DBS	—Dull Brass, Sand Blast Finish..... 24.00

Weight Per Dozen Sets 22 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

CHARLTON DESIGN

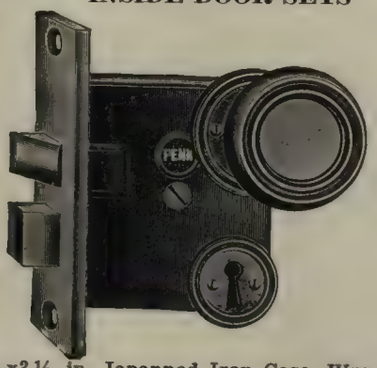
CYLINDER FRONT DOOR SETS

Lock—5½x3¾ in. Japanned Iron Case, Cast Bronze Front, Bolts, Cylinder and Strike, Reversible, Backset 2¾ in., 3 German Silver Keys, Changes Unlimited, for Doors 1¾ to 2 in.
Knobs—2¼ in., ⅜ in. Spindle.
Outside Trim—1 Cylinder Plate 2⅝x2⅜ in., 1 Knob Rose and Plate 2⅜x2⅜ in.
Inside Trim—1 Turn Knob and Plate 1½x1½ in., 1 Knob Rose and Plate 2⅛x2⅛ in.

	Wrought Bronze. Per Set
No. 1008/DB	—Dull Brass Finish $14.00
No. 1008/DBS	—Dull Brass, Sand Blast Finish..... 16.00

Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS



Lock—3¾x3½ in. Japanned Iron Case, Wrought Steel Front and Strike, Iron Bolts, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2¼ in., ⅜ in. Spindle.
Trim—2 Knob Roses and Plates 2⅛x2⅛ in., 2 Key Plate Escutcheons 1½x1½ in.

	Wrought Steel. Per Dozen Sets
No. 1030/DB	—Dull Brass Finish $14.00
No. 1030/DBS	—Dull Brass, Sand Blast Finish..... 16.00

Lock—3¾x3½ in. Japanned Iron Case, Cast Bronze Front and Bolts, Plated Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2¼ in., ⅜ in. Spindle.
Trim—2 Knob Roses and Plates 2⅛x2⅛ in., 2 Key Plate Escutcheons 1½x1½ in.

	Wrought Bronze. Per Dozen Sets
No. 1060/DB	—Dull Brass Finish $24.00
No. 1060/DBS	—Dull Brass, Sand Blast Finish..... 26.00

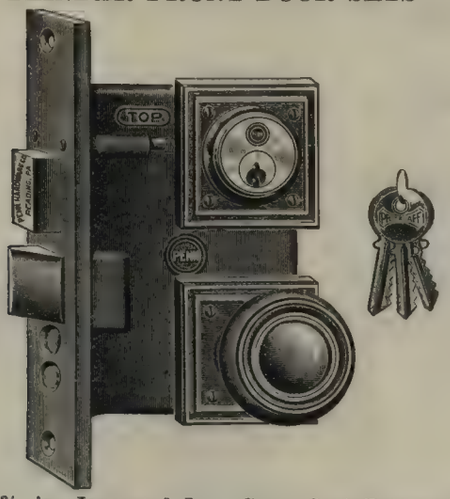
Weight Per Dozen Sets About 22 Pounds.
One-twelfth Dozen in a Box, with Screws.

Sectional Door Sets.

Cuts One-third Size

CARSON DESIGN

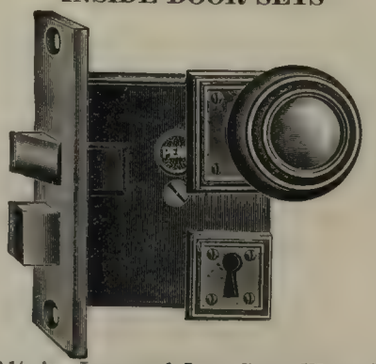
CYLINDER FRONT DOOR SETS



Lock—5 ½x3 ¾ in. Japanned Iron Case, Cast Bronze Front, Bolts, Cylinder and Strike, Reversible, Backset 2 ¾ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ¾ to 2 in.
Knobs—2 ¼ in., ⅞ in. Spindle.
Outside Trim—1 Cylinder Plate 2 ½x2 ½ in., 1 Knob and Rose 2 ½x2 ½ in.
Inside Trim—1 Turn Knob and Plate 1 ½x1 ½ in., 1 Knob and Rose 2x2 in.

Wrought Bronze. Per Set
No. 1608/DB —Dull Brass Finish **$14.00**
No. 1608/DBS—Dull Brass, Sand Blast Finish..... **16.00**
Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS



Lock—3 ¾x3 ¼ in. Japanned Iron Case, Wrought Steel Front and Strike, Iron Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ¼ in., 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2 ¼ in., ⅞ in. Spindle.
Trim—2 Knob Roses 2x2 in., 2 Key Plate Escutcheons 1 ½x1 ½ in.

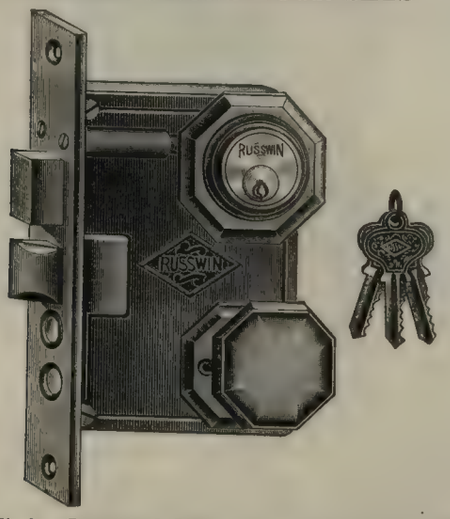
Wrought Steel. Per Dozen Sets
No. 1630/DB —Dull Brass Finish **$14.00**
No. 1630/DBS—Dull Brass, Sand Blast Finish..... **16.00**

Lock—3 ¾x3 ¼ in. Japanned Iron Case, Cast Bronze Front and Bolts, Plated Strike, Easy Spring Latch Bolt, Reversible, Backset 2 ½ in., Spacing 2 ¼ in., 1 Wrought Steel Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2 ¼ in., ⅞ in. Spindle.
Trim—2 Knob Roses 2x2 in., 2 Key Plate Escutcheons 1 ½x1 ½ in.

Wrought Bronze. Per Dozen Sets
No. 1660/DB —Dull Brass Finish **$24.00**
No. 1660/DBS—Dull Brass, Sand Blast Finish..... **26.00**
Weight Per Dozen Sets About 22 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

OCTAGON DESIGN

CYLINDER FRONT DOOR SETS



Lock—5 ½x3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Bolts, Cylinder and Strike, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., Spacing 3 ⅝ in., 3 German Silver Keys, Changes Unlimited, for Doors 1 ⅝ to 2 ¾ in.
Knobs—2 ¼ in., ⅞ in. Spindle.
Outside Trim—1 Cylinder Plate 2 ½ in., 1 Knob and Rose 2 ½ in.
Inside Trim—1 Turn Knob and Plate 1 ⅜ in., 1 Knob and Rose 2 in.

Wrought Bronze.
Per Set
No. 5108/DB—Dull Brass Finish **$14.00**
Weight Per Set About 6 Pounds.
One Set in a Box, with Screws.

INSIDE DOOR SETS

Lock—3 ½x3 in. Wrought Steel Case, Steel Front and Strike, Iron Bolts, Reversible, Backset 2 ⅜ in., Spacing 2 ⅛ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2 ¼ in., ⅞ in. Spindle.
Trim—2 Knob Roses 2 ¼ in., 2 Key Plate Escutcheons 1 ⅜ in.

Wrought Steel. Per Dozen Sets
No. 5130/DB—Dull Brass Finish **$18.00**

Lock—3 ½x3 in. Wrought Steel Case, Bronze Metal Front, Bolts and Strike, Reversible, Backset 2 ⅜ in., Spacing 2 ⅛ in., 1 Tumbler, 1 Nickel Plated Steel Key, 12 Changes.
Knobs—2 ¼ in., ⅞ in. Spindle.
Trim—2 Knob Roses 2 ¼ in., 2 Key Plate Escutcheons 1 ⅜ in.

Wrought Bronze. Per Dozen Sets
No. 5160/DB—Dull Brass Finish **$36.00**
Weight Per Dozen Sets About 22 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

PUSH BUTTONS

Cut One-third Size

Size 2 ¼ in.
Wrought Bronze. Per Dozen
No. 5115/DB—Dull Brass Finish....**$10.80**
Weight Per Dozen About 2 Pounds.
One-sixth Dozen in a Box, with Screws.

Bungalow Hardware.

Cuts One-quarter Size

LATTEN DESIGN

FRONT DOOR HANDLES

Lock—5 ¼ x3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Cylinder, Strike and Bolt, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for 1 ¾ to 2 in. Doors.

Handles and Plates—Two, 24x4 ¾ in., with Grips, 6 ¼ in. Center to Center, and Thumb Pieces.

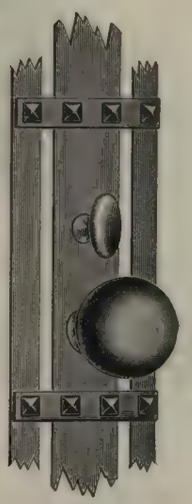
Cast Bronze.

Per Set

No. 3383/BB—Bower-Barff Finish, with Polished Brass Studs **$35.00**

Weight Per Set About 25 Pounds.

One Set in a Box, with Screws.



Cut Shows Inside Plate.

Lock—5 ½ x4 in. Japanned Iron Case, Bronze Metal Front, Cylinder, Strike and Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for 1 ¾ to 2 in. Doors.

Handles and Plates—Outside, One 24x4 ¾ in. Plate with Grip 6 ¼ in. Center to Center, and Thumb Piece; Inside, One Round Knob and Turn Knob, with Escutcheon 11x2 ¾ in.

Cast Bronze.

Per Set

No. 3393/BB—Bower-Barff Finish, with Polished Brass Studs **$30.00**

Weight Per Set About 23 Pounds.

One Set in a Box, with Screws.

Bungalow Hardware.

Cuts One-quarter Size

LATTEN DESIGN

INSIDE DOOR SETS

No. 3360/BB.

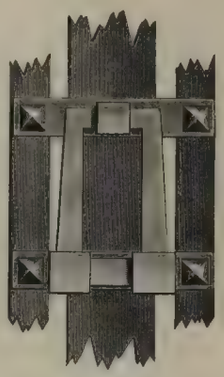
INSIDE DOOR SETS

Lock—3¾x3¼ in. Japanned Iron Case, Cast Bronze Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Tumbler, 1 Solid Steel Nickel Plated Key, 24 Changes.
Escutcheons—Two, 11x2¾ in.
Knobs—2¼ in., ⅜ in. Spindles.

Cast Bronze.

Per Dozen Sets
No. 3360/BB—Bower-Barff Finish, with Polished Brass Studs.....**$70.00**
Weight Per Set About 4 Pounds.
One-twelfth Dozen Sets in a Box, with Screws.

DOOR KNOCKERS



No. 3358/BB.

DOOR KNOCKERS

Size 8x4¾ in.

Cast Bronze.

Each
No. 3358/BB—Bower-Barff Finish, with Polished Brass Studs.....**$11.00**
Weight Each About 3 Pounds.
One in a Box, with Screws.

PUSH PLATES

No. 3376/BB.

PUSH BUTTONS

Size 5¾x3¾ in.

Cast Bronze.

Per Dozen
No. 3315/BB—Bower-Barff Finish, with Polished Brass Studs **$54.00**
Weight Each About ½ Pound.
One in a Box, with Screws.

HINGE PLATES

Size 18x4¾ in.

Cast Bronze.

Each
No. 3386/BB—Bower-Barff Finish, with Polished Brass Studs **$11.00**
Weight Each About 2 Pounds.
One in a Box, with Screws.

PUSH PLATES

Size 18x4¾ in.

Cast Bronze.

Each
No. 3376/BB—Bower-Barff Finish, with Polished Brass Studs **$11.00**
Weight Each About 2 Pounds.
One in a Box, with Screws.

Bungalow Hardware.

Cuts One-quarter Size

MESA DESIGN

FRONT DOOR HANDLES

Cut Shows Inside Plate.

Lock—5 ¼ x3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Cylinders, Strike and Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for 1 ¾ to 2 in. Doors.

Handles and Plates—Two Sets, 17 ¾ x3 ¼ in. Over All, Cylinder Plates 3 ¼ x3 ¼ in., Handle Plates 13 ⅝ x3 ¼ in., with Grips 6 ¾ in. Center to Center, and Thumb Pieces.

Cast Bronze.

Per Set

No. 4683/DBS—Dull Brass, Sand Blast Finish.....**$44.00**

Weight Per Set About 20 Pounds.

One Set in a Box, with Screws.

Lock—5 ½ x4 in. Japanned Iron Case, Bronze Metal Front, Cylinder, Strike and Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for 1 ¾ to 2 in. Doors.

Handles and Plates—Outside, One 17 ¾ x3 ¼ in. Over All, Cylinder Plate 3 ¼ x3 ¼ in.; Handle Plate 13 ⅝ x3 ¼ in., with Grip 6 ¾ in. Center to Center and Thumb Piece; Inside, One Knob 2 ¼ in., and Turn Knob with Escutcheon 6 ¼ x2 ½ in.

Cast Bronze.

Per Set

No. 4693/DBS—Dull Brass, Sand Blast Finish.....**$32.00**

Weight Per Set About 18 Pounds.

One Set in a Box, with Screws.

Bungalow Hardware.

Cuts One-quarter Size

MESA DESIGN

CYLINDER FRONT DOOR SETS **INSIDE DOOR SETS**

CYLINDER FRONT DOOR SETS

No. 4608/DBS.

Lock—6¾x4 in. Japanned Iron Case, Cast Bronze Front, Cylinder, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 3 in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for Doors 1¾ to 2 in.

Knobs—2½x2¼ in., $\frac{5}{16}$ in. Spindle.

Outside Trim—1 Escutcheon, 13⅝x3¼ in.

Inside Trim—1 Escutcheon 6¼x2½ in., with Turn Knob.

Cast Bronze.

Per Set

No. 4608/DBS—Dull Brass, Sand Blast Finish **$27.00**

Weight Per Set About 6 Pounds.

One Set in a Box, with Screws.

No. 4660/DBS.

INSIDE DOOR SETS

Lock—3¾x3¼ in. Japanned Iron Case, Cast Bronze Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Tumbler, 1 Solid Steel Nickel Plated Key, 24 Changes.
Escutcheons—Two, 6¼x2½ in.
Knobs—2¼ in., $\frac{5}{16}$ in. Spindle.

Cast Bronze.

Per Dozen Sets

No. 4660/DBS—Dull Brass, Sand Blast Finish..... **$120.00**

Weight Per Set About 4 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

PUSH PLATES

No. 4676/DBS.

PUSH BUTTONS

Size 3¼x3¼ in.

Cast Bronze.

Each

No. 4615/DBS—Dull Brass, Sand Blast Finish **$6.00**

Weight Each About ½ Pound.
One in a Box, with Screws.

PUSH PLATES

Size 13⅝x3¼ in.

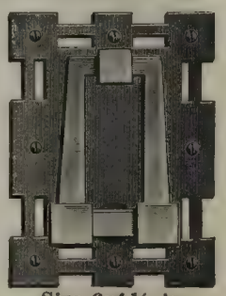
Cast Bronze.

Each

No. 4676/DBS—Dull Brass, Sand Blast Finish **$14.00**

Weight Each About 2 Pounds.
One in a Box, with Screws.

DOOR KNOCKERS



Size 6x4½ in.

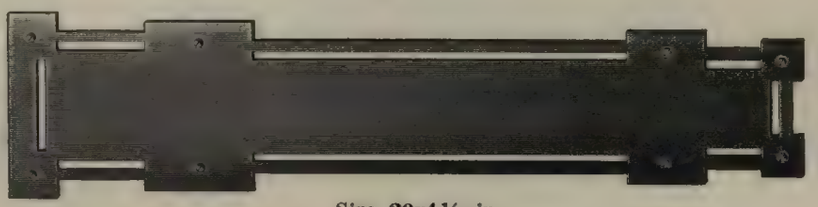
Cast Bronze.

Each

No. 4658/DBS—Dull Brass, Sand Blast Finish..... **$15.00**

Weight Each About 2 Pounds.
One in a Box, with Screws.

HINGE PLATES



Size 20x4½ in.

Cast Bronze.

Each

No. 4686/DBS—Dull Brass, Sand Blast Finish..... **$18.00**

Weight Each About 2 Pounds.

One in a Box, with Screws.

Bungalow Hardware.

Cuts One-quarter Size

YOLO DESIGN

FRONT DOOR HANDLES

Cut Shows Inside Plate.

Lock—5 ¼ x3 ⅞ in. Japanned Iron Case, Bronze Metal Front, Cylinders, Strike and Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for 1 ¾ to 2 in. Doors.

Handles and Plates—Two, 20x4 ⅛ in., with Grips 6 ¼ in. Center to Center, and Thumb Pieces.

Cast Bronze.

Per Set

No. 1783/DBS—Dull Brass, Sand Blast Finish.....**$52.00**

Weight Per Set About 20 Pounds.

One Set in a Box, with Screws.

Lock—5 ½x4 in. Japanned Iron Case, Bronze Metal Front, Cylinder, Strike and Bolts, Easy Spring Latch Bolt, Reversible, Backset 2 ⅞ in., 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited, for 1 ¾ to 2 in. Doors.

Handles and Plates—Outside, One 20x4 ⅛ in. Plate, with Grip 6 ¼ in. Center to Center, and Thumb Piece; Inside, One Knob 2 ¼ in., and Turn Knob with Escutcheon 8 ¼ x2 ⅝ in.

Cast Bronze.

Per Set

No. 1793/DBS—Dull Brass, Sand Blast Finish.....**$36.00**

Weight Per Set About 18 Pounds.

One Set in a Box, with Screws.

Bungalow Hardware.

Cuts One-quarter Size

YOLO DESIGN

INSIDE DOOR SETS **DOOR KNOCKERS**

INSIDE DOOR SETS

No. 1760/DBS

Lock—3¾x3¼ in. Japanned Iron Case, Cast Bronze Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Tumbler, 1 Solid Steel Nickel Plated Key, 24 Changes.
Escutcheons—Two, 8¼x2⅝ in.
Knobs—2¼ in., ⅜ in. Spindle.

Cast Bronze.

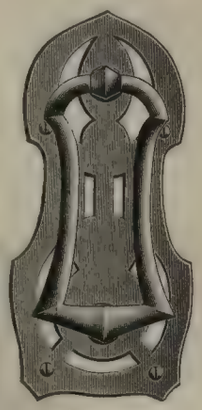
Per Dozen Sets
No. 1760/DBS—Dull Brass, Sand Blast Finish **$120.00**
Weight Per Set About 4 Pounds.
One Set in a Box, with Screws.

DOOR KNOCKERS

Size 8½x4 in.

Cast Bronze.

Each
No. 1758/DBS—Dull Brass, Sand Blast Finish **$12.00**
Weight Each About 3 Pounds.
One in a Box, with Screws.



No. 1758/DBS.

PUSH PLATE

No. 1776/DBS.

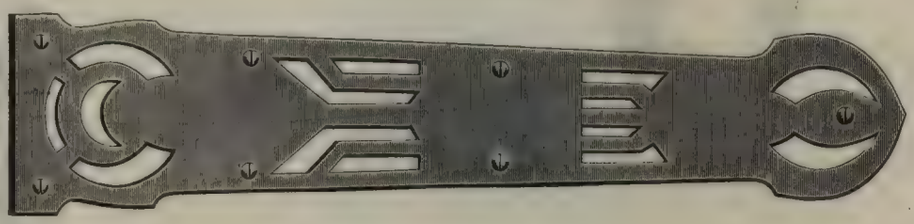
PUSH BUTTONS

Size 5½x2½ in.

Cast Bronze.

Each
No. 1715/DBS—Dull Brass, Sand Blast Finish..... **$6.00**
Weight Each About ½ Pound.
One in a Box, with Screws.

HINGE PLATES



Size 20½x4⅛ in.
Cast Bronze.

Each
No. 1786/DBS—Dull Brass, Sand Blast Finish..... **$15.00**
Weight Each About 3 Pounds.
One in a Box, with Screws.

PUSH PLATES

Size 20½x4⅛ in.

Cast Bronze.

Each
No. 1776/DBS—Dull Brass, Sand Blast Finish..... **$16.00**
Weight Each About 3 Pounds.
One in a Box, with Screws.

Bungalow Hardware.

Cuts One-third Size

FRONT DOOR HANDLES

Lock—5 ½ x 4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Cylinder and Strike, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., 5 Pin Tumblers, 3 Oxidized German Silver Keys, Changes Unlimited, for Doors 2 to 2 ¾ in.

Handles and Plates—Outside, One 12 ¾ x 4 ½ in. Plate with Grip; Inside, One 2 ¼ in. Round Knob and Escutcheon, 7x2 ¼ in.

Cast Bronze.

Per Set

No. 7261/BB—Bower-Barff Finish **$16.50**

Weight Per Set About 15 Pounds.

One Set in a Box, with Screws.

Lock—5 ½ x 4 in. Japanned Iron Case, Bronze Metal Front, Bolts, Cylinder and Strike, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., 5 Pin Tumblers, 3 Oxidized German Silver Keys, Changes Unlimited, for Doors 2 to 2 ¾ in.

Handles and Plates—Outside, One 17x4 ½ in. Plate with Grip; Inside, One 2 ¼ in. Round Knob and Escutcheon, 7x2 ¼ in.

Cast Bronze.

Per Set

No. 7461/DB—Dull Brass Finish **$18.00**

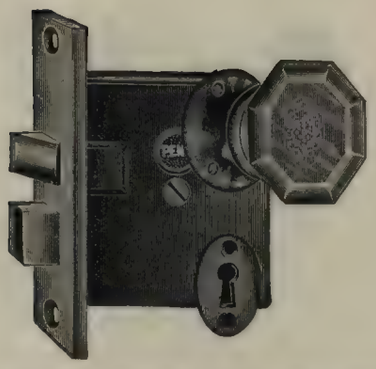
Weight Per Set About 18 Pounds.

One Set in a Box, with Screws.

Mortise Lock Sets.

Cuts One-third Size

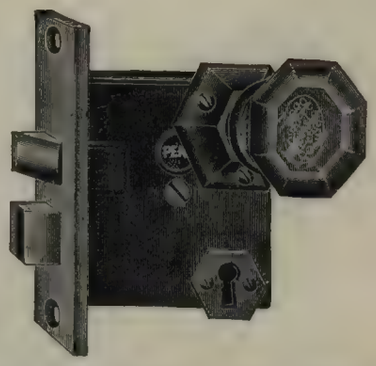
WITH GLASS KNOBS



Lock—3½x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Steel Key, 24 Changes.
Escutcheons—Two, **Oval**, 1⅝x1⅛ in.
Knobs—Pressed Glass, Octagon, 2¼x2¼ in., with Round Rose, $\frac{5}{16}$ in. Spindle.

Bronze.

Per Set
No. G371/DB—Dull Brass Finish **$4.50**
Weight Per Set About 2 Pounds.
One Set in a Box, with Screws.



Lock—3½x3¼ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, Backset 2½ in., Spacing 2¼ in., 1 Tumbler, 1 Nickel Plated Steel Key, 24 Changes.
Escutcheons—Two, **Hexagon**, 1⅝x1⅛ in.
Knobs—Pressed Glass, Octagon, 2¼x2¼ in., with Hexagon Rose, $\frac{5}{16}$ in. Spindle.

Bronze.

Per Set
No. G375/DB—Dull Brass Finish **$5.00**
Weight Per Set About 2 Pounds.
One Set in a Box, with Screws.

PUSH PLATES

Cut One-third Size.

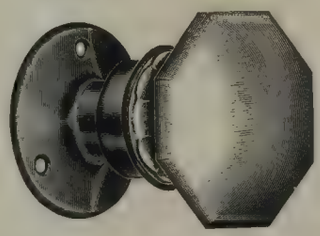
Size 12x3 in.

Beveled Plate Glass.

Per Dozen
No. 123G—With Oval Head Nickel Plated Screws and Rubber Washers **$8.50**
Weight Per Dozen 20 Pounds.
One-sixth Dozen in a Box, with Screws.

DOOR KNOBS

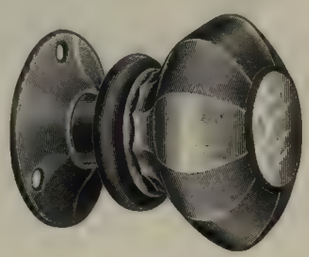
OPAL GLASS



2¼ in. Octagon Pressed Opal Glass, Wrought Bronze Rose.

Per Dozen Pairs
No. 612/DB—Dull Brass Finish **$30.00**
No. 612/N —Nickel Plated **30.00**

Weight Per Dozen Pairs About 18 Pounds.
One-twelfth Dozen Pairs in a Box, with Screws.



2¼ in. Octagon Pressed Glass, Wrought Bronze Rose.

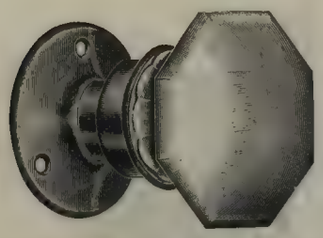
Per Dozen Pairs
No. 625/DB—Dull Brass Finish **$20.00**
No. 625/N —Nickel Plated **24.00**

Weight Per Dozen Pairs About 18 Pounds.
One-twelfth Dozen Pairs in a Box, with Screws.

Door Knobs.

Cuts One-half Size

GLASS



Octagon Pressed Glass, Wrought Bronze Rose.

Size 2¼ in.

Per Dozen Pairs

No. 117/DB—Dull Brass Finish **$25.00**
No. 117/N —Nickel Plated **25.00**

Weight Per Dozen Pairs About 16 Pounds.
One-twelfth Dozen Pairs in a Box, with Screws.

Octagon Pressed Glass, Wrought Bronze Rose.

Size 2¼ in.

Per Dozen Pairs

No. 611/DB—Dull Brass Finish **$31.00**

Weight Per Dozen Pairs 18 Pounds.
One-twelfth Dozen Pairs in a Box, with Screws.

MORTISE

Wrought Steel.

Round, Two Piece Knob, without Rose.

Size 2¼ in.

Per Dozen Pairs

No. 92/OC—Old Copper Finish **$6.00**
No. 92/DB—Dull Brass Finish **6.00**

Wrought Bronze.

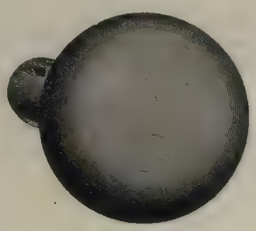
Round, Two Piece Knob, without Rose.

Size 2¼ in.

Per Dozen Pairs

No. 62/OC—Old Copper Finish **$9.00**
No. 62/DB—Dull Brass Finish **9.00**

Weight Per Dozen Pairs About 9 Pounds.
One-half Dozen Pairs in a Box, with Screws.



Wrought Steel.

Round, One Piece Knob, without Rose.

Size 2¼ in.

Per Dozen Pairs

No. 93/OC—Old Copper Finish **$7.25**
No. 93/DB—Dull Brass Finish **7.25**

Wrought Bronze.

Round, One Piece Knob, without Rose.

Size 2¼ in.

Per Dozen Pairs

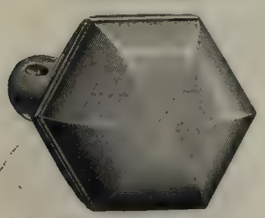
No. 63/OC—Old Copper Finish **$11.00**
No. 63/DB—Dull Brass Finish **11.00**

Weight Per Dozen Pairs About 9 Pounds.
One-half Dozen in a Box, with Screws.

Door Knobs.

Cut One-half Size

MORTISE



Wrought Steel.

Hexagon, without Rose.

Size 2¼ in.

Per Dozen Pairs

No. 95/DB—Dull Brass Finish **$13.50**

Wrought Bronze.

Hexagon, without Rose.

Size 2¼ in.

Per Dozen Pairs

No. 65/DB—Dull Brass Finish **$16.75**

Weight Per Dozen Pairs About 10 Pounds.
One-half Dozen Pairs in a Box, with Screws.

Knob Roses.

Cut One-half Size

Nos. 1/DB and 2/OC.

No. 5/DB.

Round, Size 2¼ in.

Per Single Dozen

No. 1/DB—Wrought Bronze, Dull Brass Finish..... **$1.10**
No. 2/OC—Wrought Steel, Old Copper Finish..... **.60**

Hexagon, Size 2¼ in.

Per Single Dozen

No. 5/DB—Wrought Bronze, Dull Brass Finish..... **$4.00**

Weight Per Dozen About ½ Pound.

Three Dozen in a Box, with Screws.

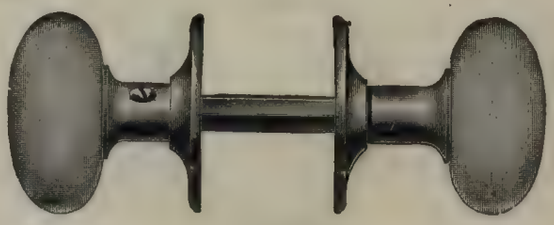
Door Knobs.

Cuts One-half Size

No. 100.

Rim.

	Per Dozen
No. 100 —2¼ in., Mineral	$1.60
No. 200 —2¼ in., Porcelain	1.75
No. 203 —2¼ in., Jet	1.75
No. 203S—2¼ in., Jet, with Short Spindle	1.75



No. 202.

Mortise.

	Per Dozen
No. 102—2¼ in., Mineral	$1.60
No. 202—2¼ in., Porcelain	1.75
No. 205—2¼ in., Jet	1.75

Weight Per Dozen About 11 Pounds.

One-half Dozen in a Box.

Door Knob Spindles.

Cuts One-half Size

Plain.

	Per Dozen
No. 80—5/16 in., 3¾ in. Long, Weight Per Dozen About 1 Lb.	$0.75
No. 82—5/16 in., 4½ in. Long, Weight Per Dozen About 1⅛ Lbs.	.75

Three Dozen in a Box.

Swivel.

	Per Dozen
No. 85—5/16 in., 3¾ in. Long, Weight Per Dozen About 1 Lb.	$1.75
No. 87—⅜ in., 3¾ in. Long, Weight Per Dozen About 1¼ Lbs.	2.50

Three Dozen in a Box.

Triplex, Plain.

	Per Dozen
No. 86—5/16 in., 4¼ in. Long, Weight Per Dozen About 1 Lb.	$0.80

Three Dozen in a Box.

Triplex, Swivel.

	Per Dozen
No. 88—5/16 in., 4¼ in. Long, Weight Per Dozen About 1 Lb.	$2.00

Three Dozen in a Box.

Closet Knob Spindles.

Cut One-half Size

For Mortise Locks.

	Per Dozen
No. 11—5/16 in., 3 in. Long, Japanned Button Head, Weight Per Dozen About 1¼ Lbs.	$1.75

Three Dozen in a Box.

Knob Screws.

Cut Full Size

	Per Gross
No. 9—⅜ in., No. 9, Blued Iron, for Solid Spindles	$0.60
No. 09—Blued Iron, for Triplex Spindles	1.20

Weight Per Gross About ¾ Pound.

One Gross in a Box.

Knob Washers.

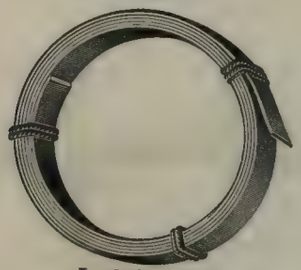
Cut Full Size

	Per Pound
No. 10—For 5/16 in. Spindles	$1.20

Packed in Bulk.

Lock Springs.

FLAT



In 3 ft. Coils.

Per Dozen Coils

No. 65—$\frac{3}{16}$ in., Crucible Steel.....$0.75
Weight Per Dozen Coils About 1 Pound.
Open Stock.

SPIRAL

Per Dozen

No. 70—Brass Spring Wire $0.35
Weight Per Dozen 2 Ounces.
Open Stock.

Lock Strikes.

Wrought Steel, Lacquered.

Per Dozen

No. 50—For 3½ in. Mortise Locks.....$1.00
Weight Per Dozen About 1 Pound.
Open Stock.

Wrought Steel, Brass Plated.

Per Dozen

No. 55—For 3½ in. Mortise Locks.....$1.35
No. 60—For 4 in. Mortise Locks..... 3.35
Weight Per Dozen About 1 Pound.
Open Stock.

Escutcheons.

Cuts One-half Size

PLATE

Cast Iron.
Size 1⅞x1¼ in.

Per Dozen

No. 2/J—Japanned $0.35
Weight Per Dozen About ¼ Pound.
Two Dozen in a Box.

PLATE

Wrought Bronze.
Size 1⅝x1⅛ in.

Per Dozen

No. 6533/OC—Old Copper Finish $1.75
No. 6533/DB—Dull Brass Finish 1.75
Weight Per Dozen About ½ Pound
Two Dozen in a Box, with Screws.

PLATE

Wrought Steel.
Size 1¾x1¼ in.

Per Dozen

No. 7812/L—Light Natural Finish $0.80
No. 7812/OC—Old Copper Finish ..... .80
No. 7812/DB—Dull Brass Finish ..... .80
Weight Per Dozen About ¼ Pound.
Two Dozen in a Box, with Screws.

PLATE

Wrought Steel.
Size 1⅜x1½ in.

Per Dozen

No. 6045/OC—Old Copper Finish $2.00
No. 6045/DB—Dull Brass Finish 2.00
Weight Per Dozen About ½ Pound.
Two Dozen in a Box, with Screws.

ELONGATED

Wrought Steel.

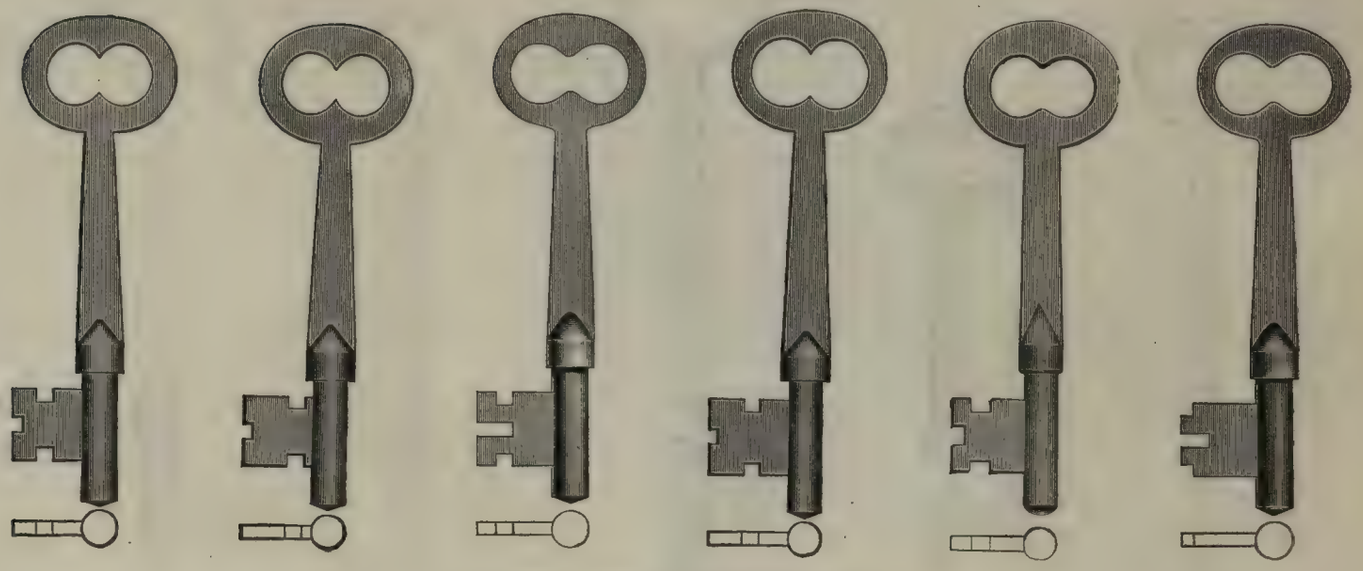
Size 5½x1¾ in.

Per Dozen

No. 7409/L—Light Natural Finish $2.00
No. 7409/OC—Old Copper Finish 2.00
No. 7409/DB—Dull Brass Finish 2.00

Mortise Keys Assorted.

Cuts Full Size



Polished Steel, for Mortise Locks.

No. 6A—Assortment Containing Three Dozen Keys, Assorted as Above ..... Per Assortment **$4.50**

Weight Per Assortment 2 Pounds.

One Assortment in a Box.

Tinned Malleable Iron, for Mortise Locks.

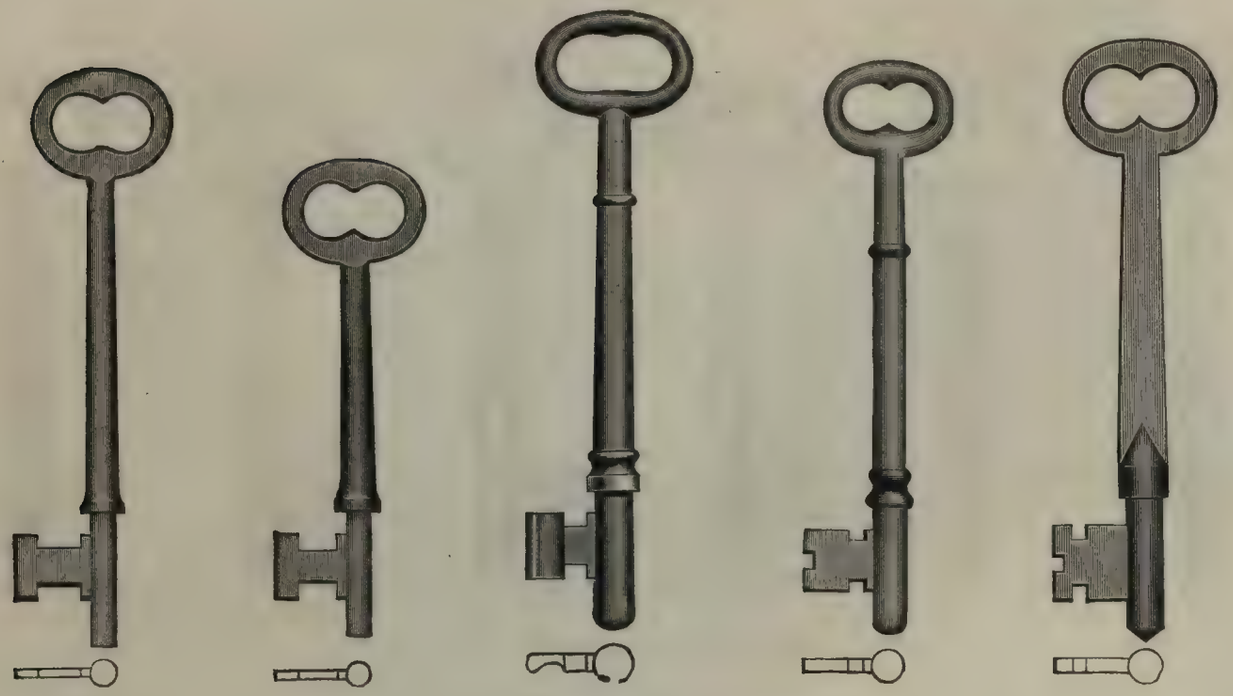
No. 15—Assortment Containing Three Dozen Keys, Assorted as Above ..... Per Assortment **$0.80**

Weight Per Assortment 2 Pounds.

One Assortment in a Box.

Key Blank Assortments.

Cuts Full Size.



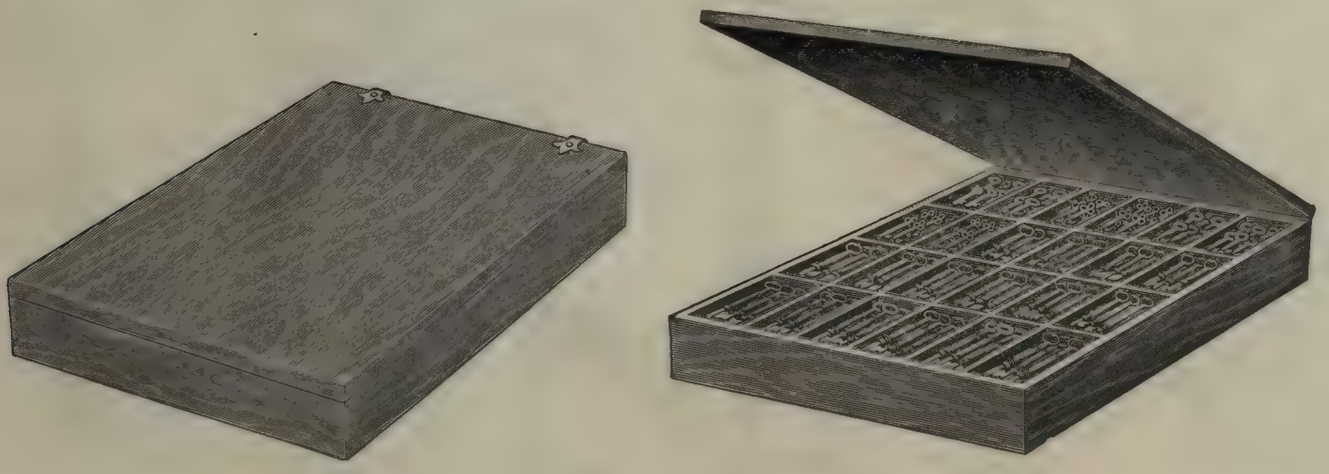
Tinned Malleable Iron, for Rim and Mortise Lock.

Per Assortment

No. 10—Assortment, Containing Six Dozen Rim and Mortise Keys, Assorted as Above.....**$1.60**

Weight Per Assortment 3 Pounds.

One Assortment in a Box.



Assorted in 24 Compartment Wooden Box 15x10x1¾ in.

Per Assortment

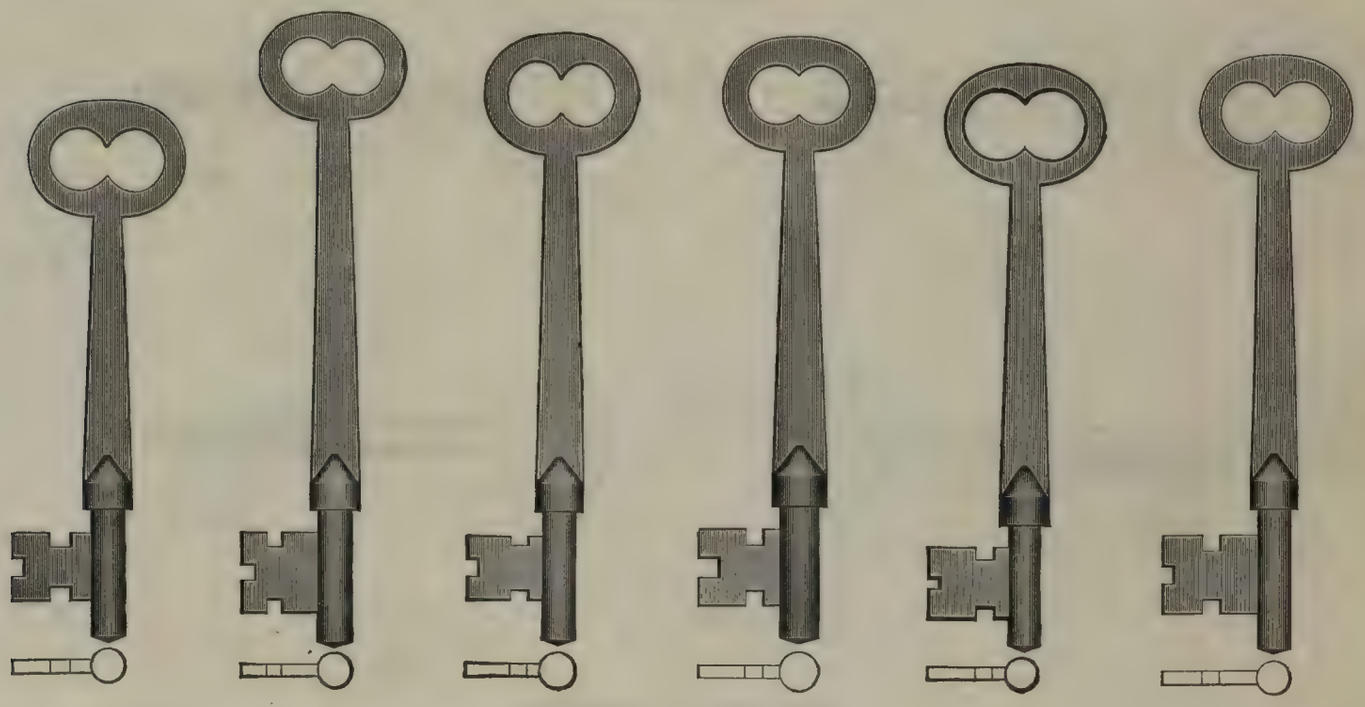
No. 118—Assortment, Containing 12 Dozen Nickeled Door Keys and Blanks, Till and Trunk Keys.....**$4.00**

Weight Per Assortment 6 Pounds.

One Assortment in a Box.

Rim Keys Assorted.

Cuts Full Size



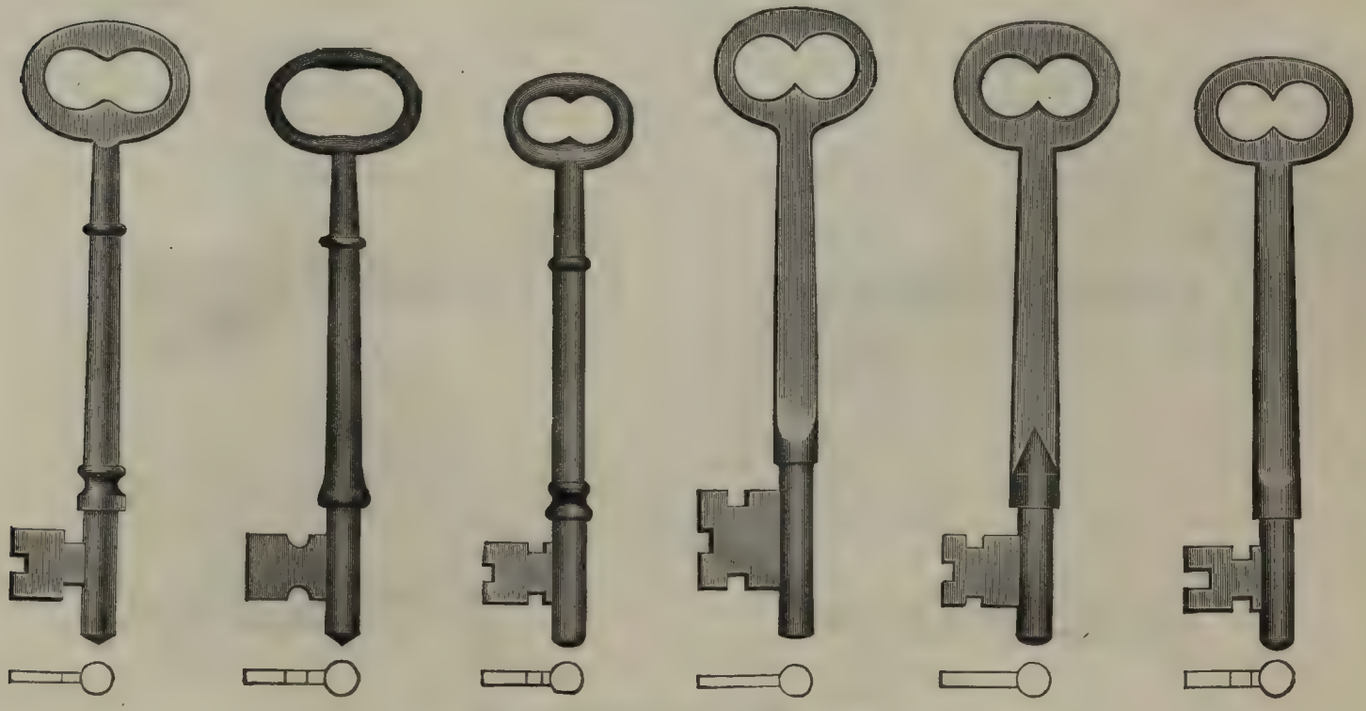
Polished Steel, for Rim Locks.

Per Assortment

No. 5A—Assortment Containing Three Dozen Keys, Assorted as Above **$4.50**

Weight Per Assortment 2 Pounds.

One Assortment in a Box.



Tinned Malleable Iron, for Rim Locks.

Per Assortment

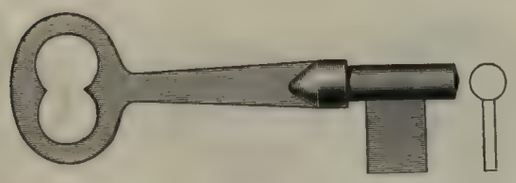
No. 12—Assortment Containing Three Dozen Keys, Assorted as Above **$0.80**

Weight Per Assortment 2 Pounds.

One Assortment in a Box.

Mortise Key Blanks.

Cuts Full Size



Steel.

Per Dozen

No. 807—For Penn Hardware Co.'s Wrought Steel Inside Door Sets **$1.15**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.

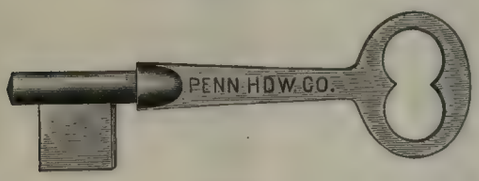
Steel.

Per Dozen

No. 810—For Penn Hardware Co.'s Wrought Bronze Inside Door Sets **$1.35**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.



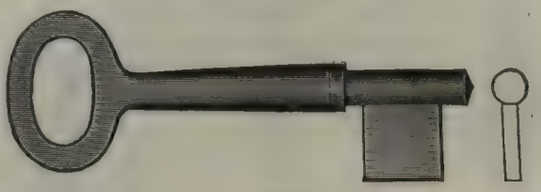
Steel.

Per Dozen

No. 820—For Penn Hardware Co.'s Bit Key Front Door and Vestibule Door Sets..... **$1.50**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.



Steel.

Per Dozen

No. S-145—For Yale and Towne Mfg. Co.'s Wrought Steel Inside Door Sets..... **$1.15**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.

Steel.

Per Dozen

No. 550B—For Russell and Erwin Mfg. Co.'s Wrought Steel Inside Door Sets..... **$1.60**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.

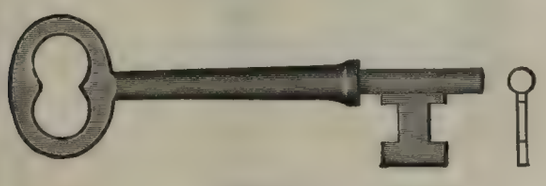
Steel, Nickel Plated.

Per Dozen

No. 870B—For Russell and Erwin Mfg. Co.'s Wrought Bronze Front Door Lock Sets..... **$2.00**

Weight Per Dozen 7 Ounces.

Three Dozen in a Box.



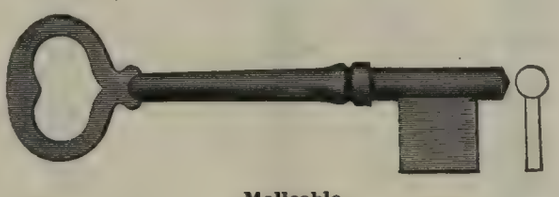
Malleable.

Per Dozen

No. 509—Skeleton Key, Fits All Ordinary Inside Mortise Lock Sets **$0.50**

Weight Per Dozen 4 Ounces.

Three Dozen in a Box.



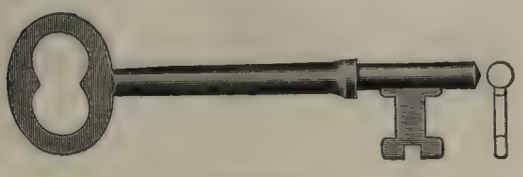
Malleable.

Per Dozen

No. 200—For Ordinary Inside Lock Sets..... **$0.50**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.



Malleable.

Per Dozen

No. 519—For Ordinary Mortise Locks **$0.50**

Weight Per Dozen 5 Ounces.

Three Dozen in a Box.

Malleable.

Per Dozen

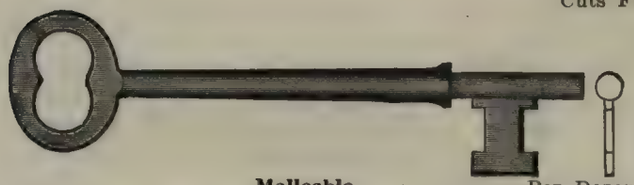
No. M530—Cut for Ordinary Mortise Locks..... **$0.50**

Weight Per Dozen 6 Ounces.

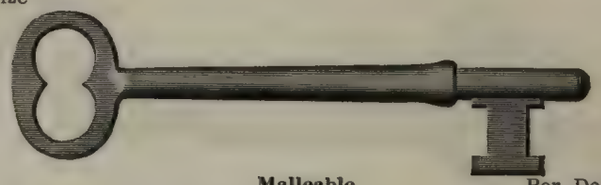
Three Dozen in a Box.

Rim Key Blanks.

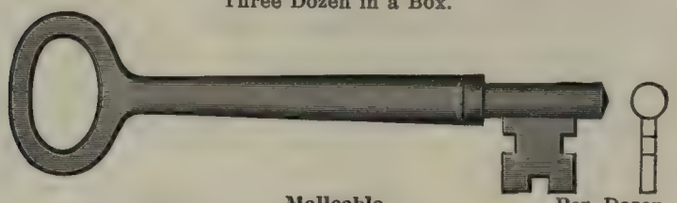
Cuts Full Size



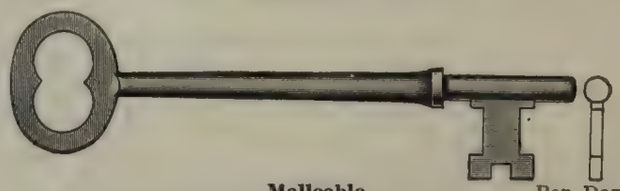
Malleable. Per Dozen
No. 510—Light, Fits All Ordinary Rim Locks.....**$0.50**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.



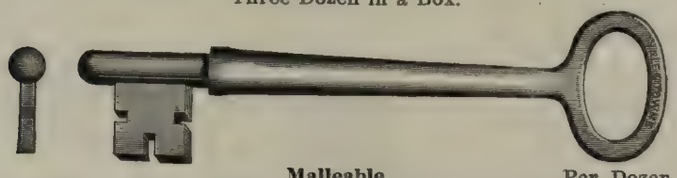
Malleable. Per Dozen
No. 510H—Heavy, Fits All Ordinary Rim Locks.....**$0.50**
Weight Per Dozen 5 Ounces.
Three Dozen in a Box.



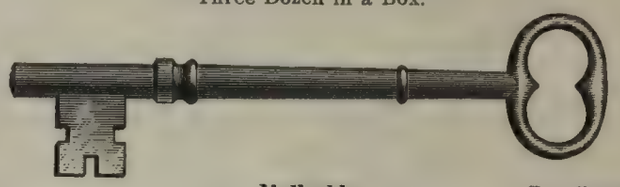
Malleable. Per Dozen
No. 210—Cut for Ordinary Rim Locks.....**$0.50**
Weight Per Dozen 5 Ounces.
Three Dozen in a Box.



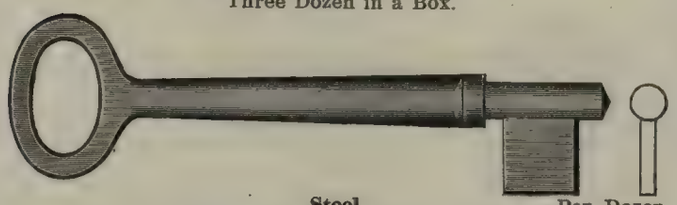
Malleable. Per Dozen
No. 570—Fits Ordinary Rim Locks.....**$0.50**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.



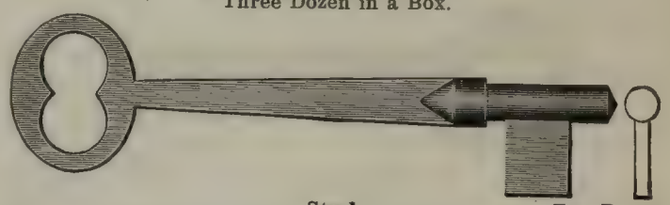
Malleable. Per Dozen
No. M240—Cut for Yale and Towne Mfg. Co.'s Ordinary Rim Locks **$0.50**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.



Malleable. Per Dozen
No. 522—Cut for Rim Dead Lock.....**$0.50**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.

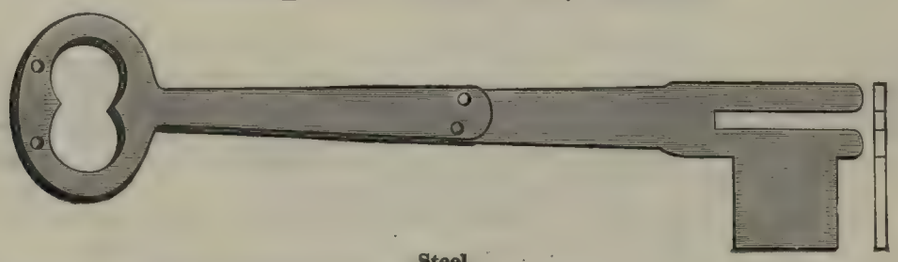


Steel. Per Dozen
No. S240—For Yale and Towne Mfg. Co.'s Rim Locks..**$1.15**
Weight Per Dozen 5 Ounces.
Three Dozen in a Box.

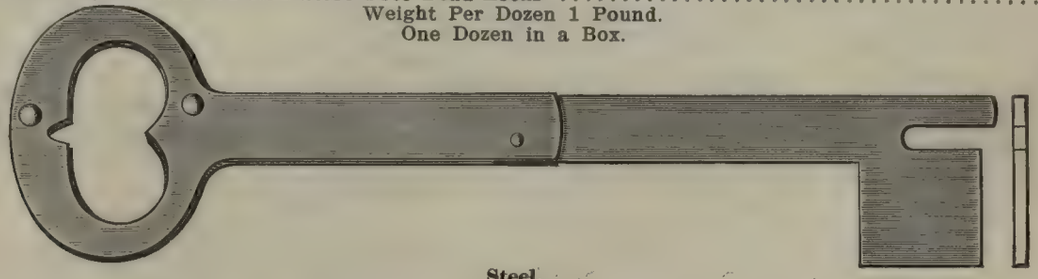


Steel. Per Dozen
No. 310—With Narrow Bit, for All Type of Rim Locks..**$1.15**
Weight Per Dozen 5 Ounces.
Three Dozen in a Box.

Folding Store Door Key Blanks.



Steel. Per Dozen
No. 288—For Nos. 288, 390 and 391 Rim Store Door Dead Locks **$2.25**
Weight Per Dozen 1 Pound.
One Dozen in a Box.



Steel. Per Dozen
No. 290—For No. 393 Rim Store Door Dead Locks.....**$2.25**
Weight Per Dozen 1¼ Pounds.
One Dozen in a Box.

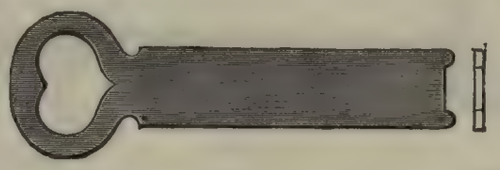
Cylinder Key Blanks.

WROUGHT STEEL

Per Dozen
No. 7—For Sargent and Greenleaf Mortise and Rim Dead Locks **$2.25**

Weight Per Dozen 6 Ounces.

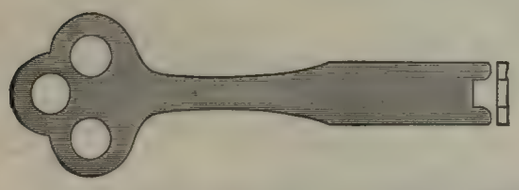
Three Dozen in a Box.



Per Dozen
No. 2461—For Ordinary Rim Night Latches..... **$0.75**

Weight Per Dozen 7 Ounces.

Three Dozen in a Box.



Per Dozen
No. 40—For Yale and Towne No. 20 Rim Night Latches **$0.80**

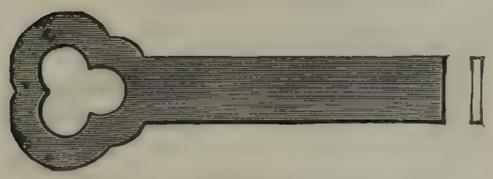
Weight Per Dozen 6 Ounces.

Three Dozen in a Box.

Per Dozen
No. 41—For Yale and Towne No. 26 Rim Night Latches **$0.80**

Weight Per Dozen 6 Ounces.

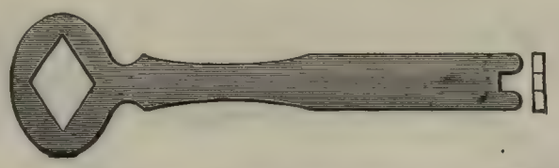
Three Dozen in a Box.



Per Dozen
No. 49—For No. 4978 Lincoln Night Latch..... **$0.75**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.



Per Dozen
No. 64—For Nos. 86P and 100P Rim Night Latches.... **$0.75**

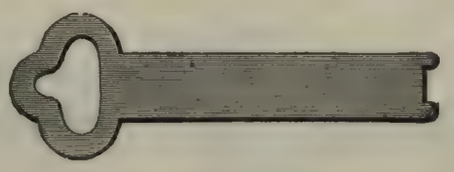
Weight Per Dozen 6 Ounces.

Three Dozen in a Box.

Per Dozen
No. 108—For Wilson Bohannan Night Latches..... **$0.75**

Weight Per Dozen 6 Ounces.

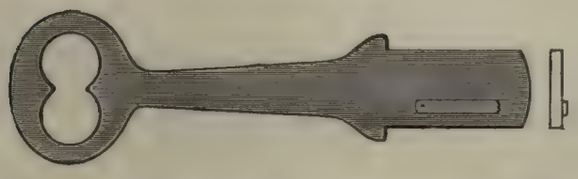
Three Dozen in a Box.



Per Dozen
No. 166—For Wilson Bohannan Night Latches..... **$0.75**

Weight Per Dozen 6 Ounces.

Three Dozen in a Box.



Per Dozen
No. 341½—For Yale and Towne Bit Key Store Door Lock **$1.00**

Weight Per Dozen 7 Ounces.

Three Dozen in a Box.

Per Dozen
No. 443—For Sargent and Russell and Erwin Bit Key Store Door Locks **$1.00**

Weight Per Dozen 7 Ounces.

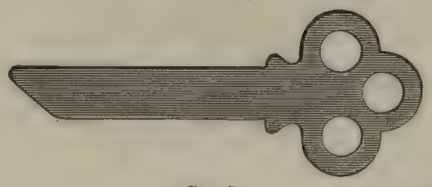
Three Dozen in a Box.

Cylinder Key Blanks.

Steel.

Per Dozen

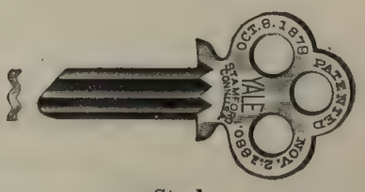
No. 1—For No. 33 Yale and Towne Night Latches.....**$0.40**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.



Steel.

Per Dozen

No. 4—For Pin Tumbler Night Latches and Padlocks.....**$0.45**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.



Steel.

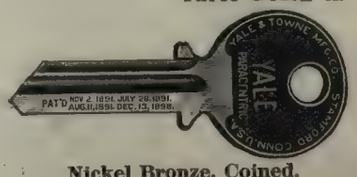
Per Dozen

No. 16—For Yale and Towne Nos. 35 and 37 Night Latches and No. 743S Padlocks.....**$0.80**
Weight Per Dozen 4 Ounces.
Three Dozen in a Box.

Steel.

Per Dozen

No. 17—For Yale and Towne No. 34 Rim Night Latch and No. 16 Dead Lock.....**$0.80**
Weight Per Dozen 6 Ounces.
Three Dozen in a Box.



Nickel Bronze, Coined.

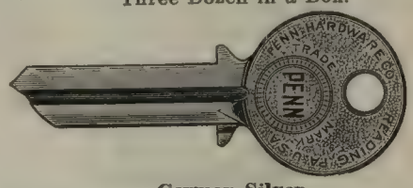
Per Dozen

No. 13—For Yale and Towne No. 60 Rim Night Latch..**$1.80**
Weight Per Dozen 6 Ounces.
Three Dozen in a Box.

Nickel Bronze, Coined.

Per Dozen

No. 8—For Yale and Towne Cylinder Locks, Night Latches, Padlocks and Cabinet Locks.....**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.



German Silver.

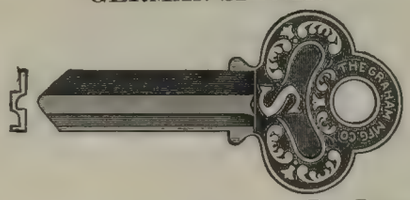
Per Dozen

No. 950—For Penn Cylinder Locks and Night Latches..**$1.60**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

GERMAN SILVER

Per Dozen

No. 2621—For Sargent Cylinder Locks and Night Latches....**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.



Per Dozen

No. 2621D—For Sargents' Cylinder Locks and Night Latches.**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

No. 752—For Russell and Erwin Cylinder Locks and Night Latches **$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

No. 2619—For Corbin Cylinder Locks and Night Latches...**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

No. 2618B—For Corbin Cylinder Locks and Night Latches....**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

No. 2631B—For Eagle Cylinder Locks and Night Latches....**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

No. 2605D—For Lockwood Cylinder Locks and Night Latches.**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

No. 2625A—For Barrows Cylinder Locks and Night Latches.**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Per Dozen

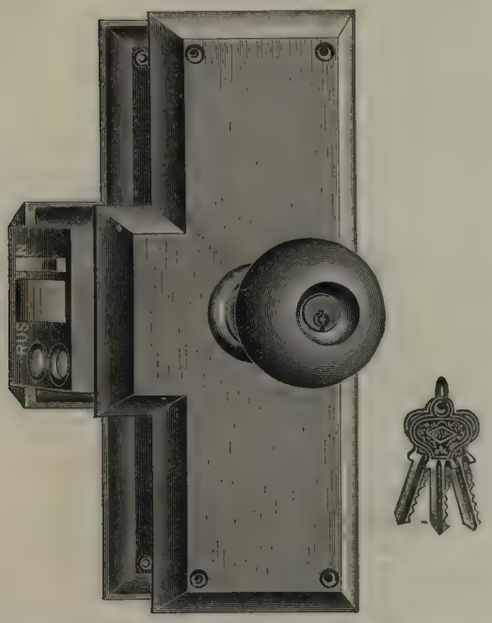
No. 2610A—For Norwalk Cylinder Locks and Night Latches.**$1.80**
Weight Per Dozen 8 Ounces.
Three Dozen in a Box.

Unit Front Door Lock Sets

Cuts One-third Size

Reversible for Right or Left Hand Doors

RANDOLPH DESIGN



Lock—All Brass Works, Cast Bronze Case and Escutcheons, Ball Bearing Cylinder, One Turn Piece, Backset 3 in., 3 German Silver Keys, Changes Unlimited, Adjustable, for Doors 1½ to 2 in. Thick.
Escutcheons—Two, 10x3½ in.
Knobs—Unit Cylinder, 2½ in., Seamless, Self-Lubricating Shanks.

Cast Bronze.

	Per Set
No. R2850/OC—Old Copper Finish	**$24.00**
No. R2850/DB—Dull Brass Finish	**24.00**
No. R2850/BB—Rustless Iron, Bower-Barff Finish	**20.00**

Weight Per Set About 9 Pounds.

One Set in a Box, with Screws.

MADISON DESIGN

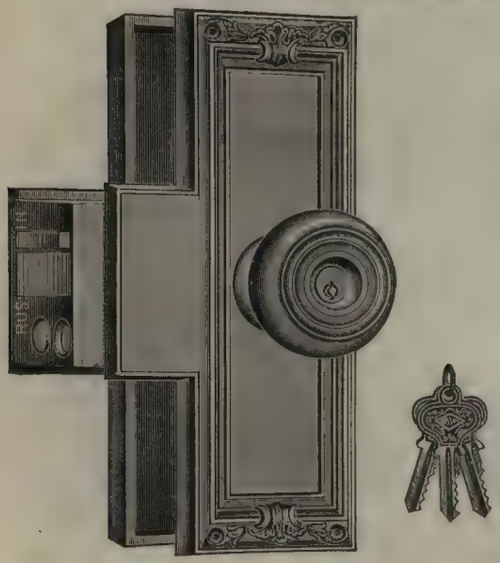
Lock—All Brass Works, Cast Bronze Case and Escutcheons, Ball Bearing Cylinder, One Turn Piece, Backset 3 in., 3 German Silver Keys, Changes Unlimited, for Doors 1½ to 2 in. Thick.
Escutcheons—Two, 9x3 in.
Knobs—Unit Cylinder, 2½x2¼ in., Seamless, Self-Lubricating Shank.

Cast Bronze.

	Per Set
No. M2850/DB—Dull Brass, Relieved Finish	**$28.00**

Weight Per Set About 9 Pounds.

One Set in a Box, with Screws.



CERES DESIGN

Lock—All Brass Works, Cast Bronze Case and Escutcheons, One Ball Bearing Cylinder, One Turn Piece, Backset 3 in., 3 German Silver Keys, Changes Unlimited, for Doors 1½ to 2 in. Thick.

Escutcheons—Two, 9x3 in.

Knobs—Unit Cylinder, 2½x2¼ in., Seamless, Self-Lubricating Shanks.

Cast Bronze.

	Per Set
No. C2850/DB—Dull Brass, Relieved Finish	**$28.00**

Weight Per Set About 9 Pounds.

One Set in a Box, with Screws.

OPERATION OF UNIT LOCKS.

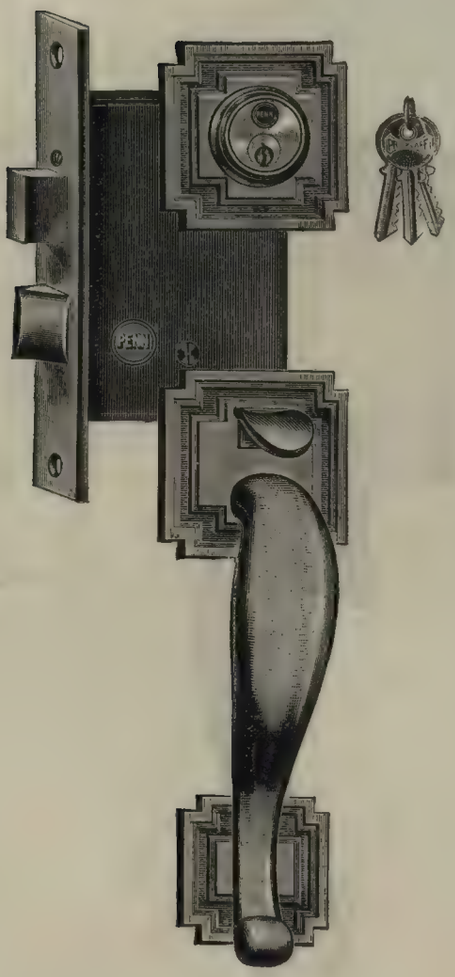
Latch Bolt by Knobs from Either Side, Except When Outside Knob is Set by Stop in Face of Lock. Dead Bolt from Inside by Turn Piece and Both Dead and Latch Bolt by Key from Outside.

Front Door Handles and Locks.

Cuts One-third Size

GYROS DESIGN

FOR STORE



Lock—5 ½x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Cylinder Plates—Two, 15 ½x3 in. Over All.

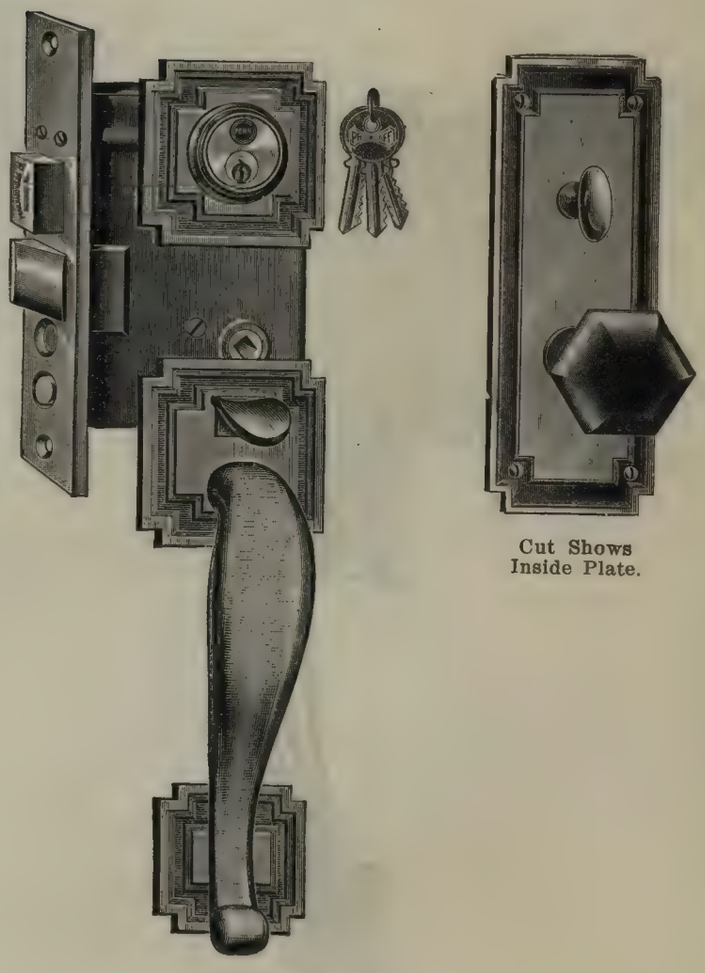
Cast Bronze.

	Per Set
No. 5463/DBS—Dull Brass, Sand Blast Finish.....	**$20.00**

Weight Per Set About 11 Pounds.

One Set in a Box, with Screws.

FOR RESIDENCE



Cut Shows Inside Plate.

Lock—5 ½x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Plates—Outside, One Cast Bronze, 15 ½x3 in. Over All; Inside, One Cast Bronze Hexagon Knob with Escutcheon, 7 ¾x2 ¾ in.

Cast Bronze.

	Per Set
No. 5493/DBS—Dull Brass, Sand Blast Finish.....	**$18.00**

Weight Per Set About 8 Pounds.

One Set in a Box, with Screws.

Front Door Handles and Locks.

Cuts One-third Size

DOUGLAS DESIGN

FOR STORE

Lock—5½x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Cylinder Plates—Two, 14½x2½ in. Over All.

Cast Bronze.

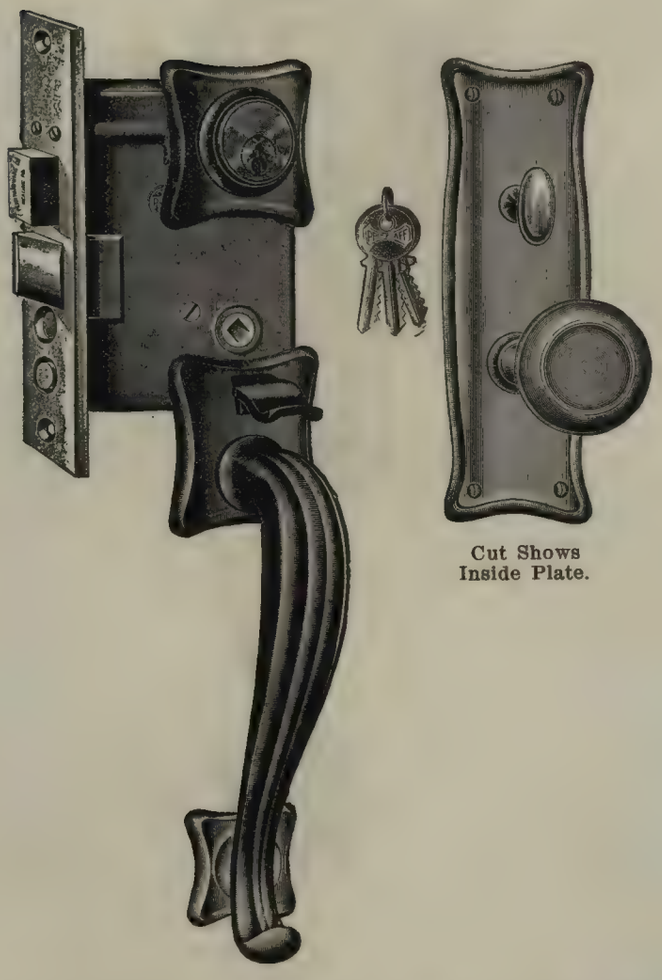
Per Set

No. 1563/DB—Dull Brass Finish **$19.00**

Weight Per Set About 10 Pounds.

One Set in a Box, with Screws.

FOR RESIDENCE



Cut Shows Inside Plate.

Lock—5½x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Plates—Outside, One Cast Bronze Handle and Escutcheon, 14½x2½ in. Over All; Inside, One Wrought Bronze Round Knob with Escutcheon, 7½x2¾ in.

Cast Bronze.

Per Set

No. 1593/DB—Dull Brass Finish **$16.50**

Weight Per Set About 7 Pounds.

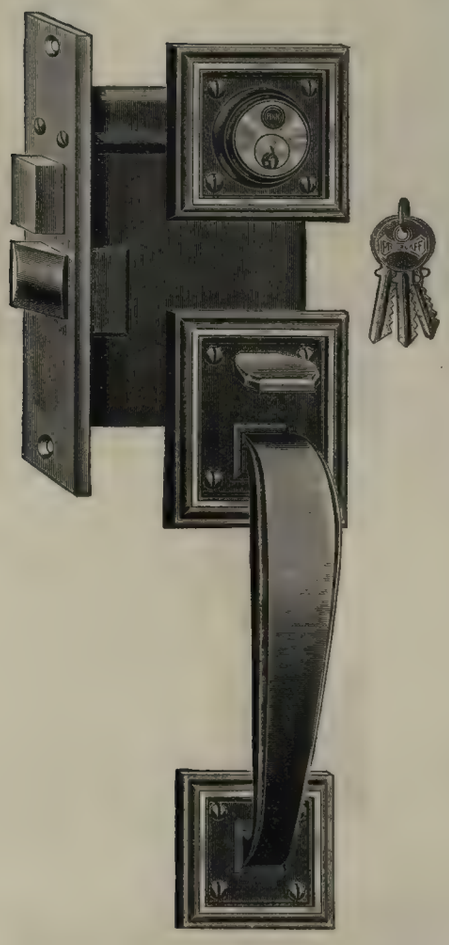
One Set in a Box, with Screws.

Front Door Handles and Locks.

Cuts One-third Size

CAMDEN DESIGN

FOR STORE



Lock—5 ⅛ x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Escutcheons—Two, 18x3 ⅛ in. Over All.

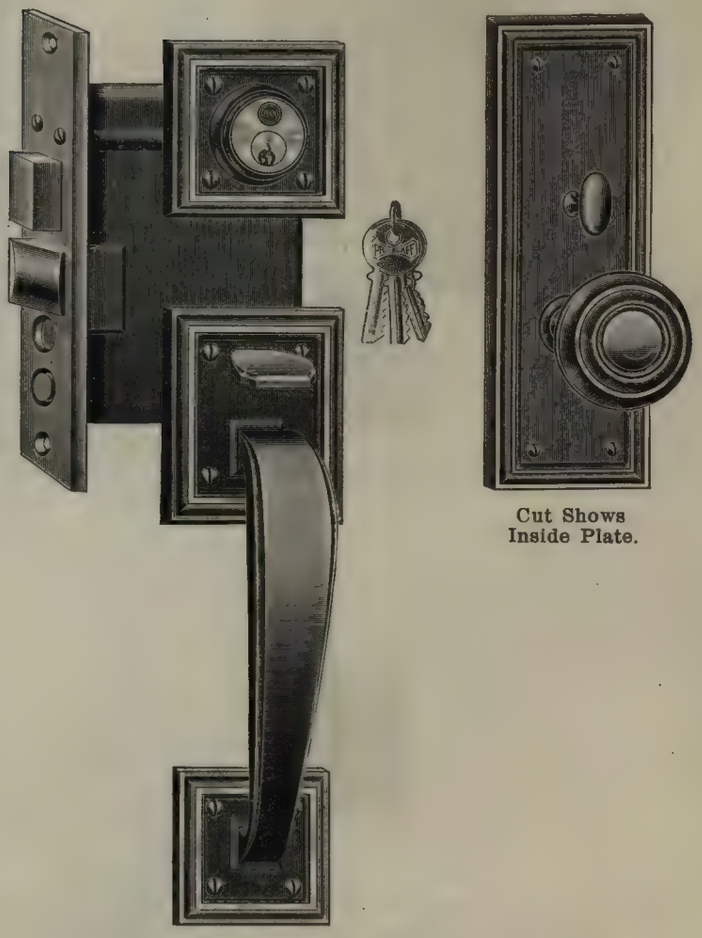
Cast Bronze.

	Per Set
No. 6263/DBS—Dull Brass, Sand Blast Finish.....	**$24.00**

Weight Per Set About 10 Pounds.

One Set in a Box, with Screws.

FOR RESIDENCE



Cut Shows Inside Plate.

Lock—5 ½ x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolts, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Plates—Outside, One Cast Bronze, 15 ½ x3 ⅛ in. Over All; Inside, One Wrought Bronze Round Knob with Escutcheon, 8x2 ⅞ in.

Cast Bronze.

	Per Set
No. 6293/DBS—Dull Brass, Sand Blast Finish.....	**$22.00**

Weight Per Set About 10 Pounds.

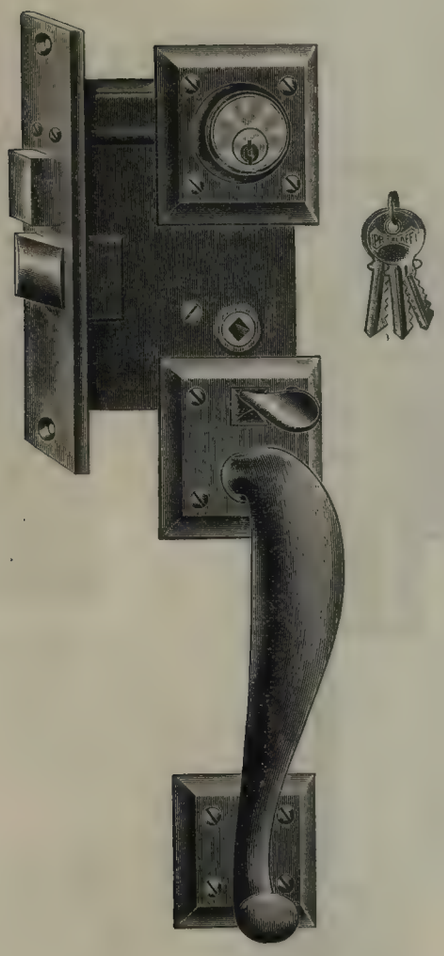
One Set in a Box, with Screws.

Front Door Handles and Locks.

Cuts One-third Size

STIRLING DESIGN

FOR STORE



Lock—5½x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolt, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Plates—Two, 15x3 in. Over All.

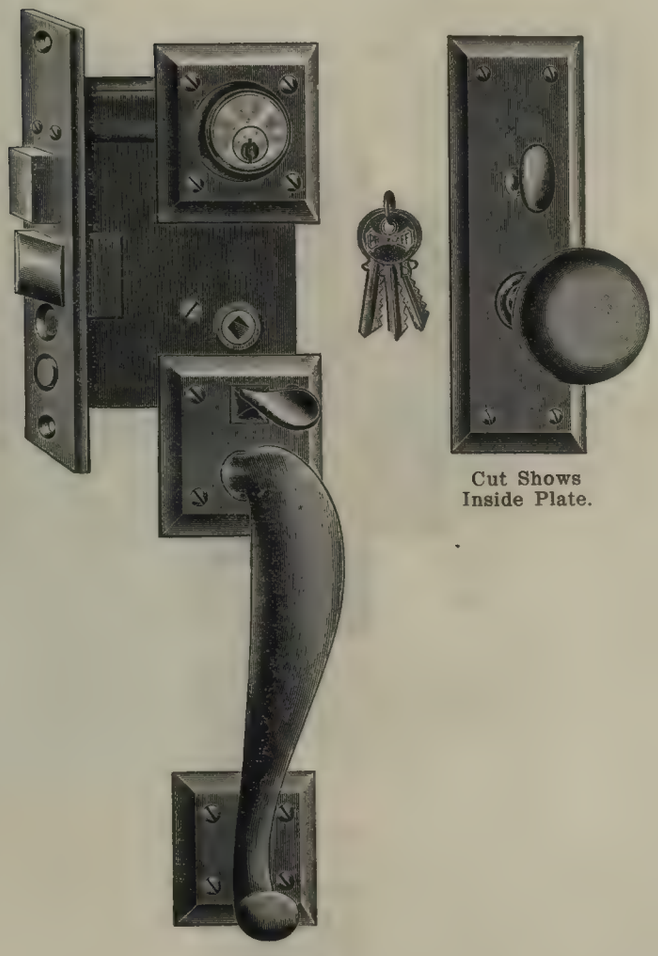
Cast Bronze.

	Per Set
No. 1363/OC —Old Copper Finish	**$20.00**
No. 1363/DB —Dull Brass Finish	**20.00**
No. 1363/DBS—Dull Brass, Sand Blast Finish	**20.00**

Weight Per Set About 10 Pounds.

One Set in a Box, with Screws.

FOR RESIDENCE



Cut Shows Inside Plate.

Lock—5½x4 in. Japanned Cast Iron Case, Bronze Metal Front, Cylinder and Strike, Cast Bronze Bolts, Easy Spring Latch Bolts, Reversible, 5 Pin Tumblers, 3 German Silver Keys, Changes Unlimited.

Handles and Plates—Outside One Cast Bronze, 15x3 in. Over All; Inside One Wrought Bronze Round Knob with Escutcheon, 7x2¼ in.

Cast Bronze.

	Per Set
No. 1393/OC —Old Copper Finish	**$18.00**
No. 1393/DB —Dull Brass Finish	**18.00**
No. 1393/DBS—Dull Brass, Sand Blast Finish	**18.00**

Weight Per Set About 10 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

MADISON DESIGN

Lock—5x3⅞ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, 2 Bronze Metal Ball Bearing Cylinders, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., 3 German Silver Keys, Changes Unlimited.
Plates—Two, 18x4 in.

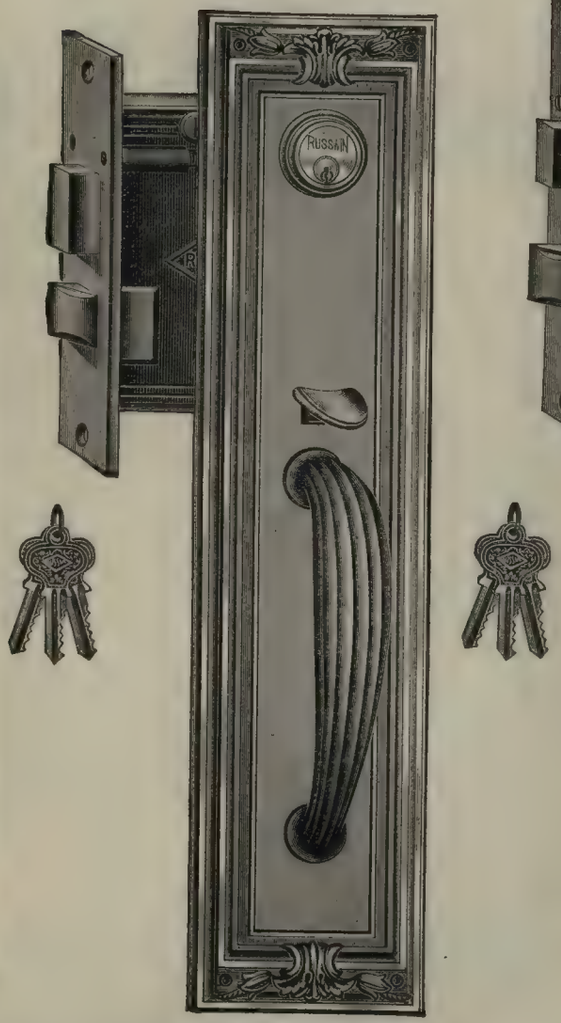
Cast Bronze.

Per Set
No. M1099/DBS — Dull Brass, Sand Blast Finish.....**$25.00**

Weight Per Set About 10 Pounds.

One Set in a Box, with Screws.

CERES DESIGN



Lock—5x3⅞ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, 2 Bronze Metal Ball Bearing Cylinders, Easy Spring Latch Bolt, Reversible, Backset 2¾ in., 3 German Silver Keys, Changes Unlimited.
Plates—Two, 17x4 in.

Cast Bronze.

Per Set
No. C1099/DBS — Dull Brass, Sand Blast Finish.....**$30.00**

Weight Per Set About 11 Pounds.

One Set in a Box, with Screws.

GRENELLE DESIGN

Lock—5x3⅝ in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, 2 Bronze Metal Ball Bearing Cylinders, Easy Spring Latch Bolts, Reversible, Backset 2½ in., 3 German Silver Keys, Changes Unlimited.
Plates—Two, 20¼x3⅝ in.

Cast Bronze.

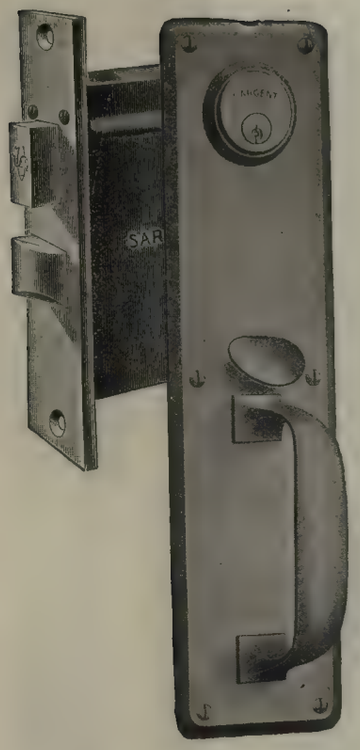
Per Set
No. G1098/DB—Dull Brass Finish **$35.00**

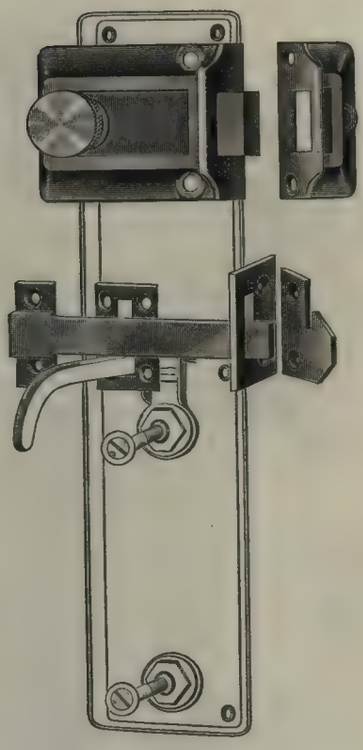
Weight Per Set About 13 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

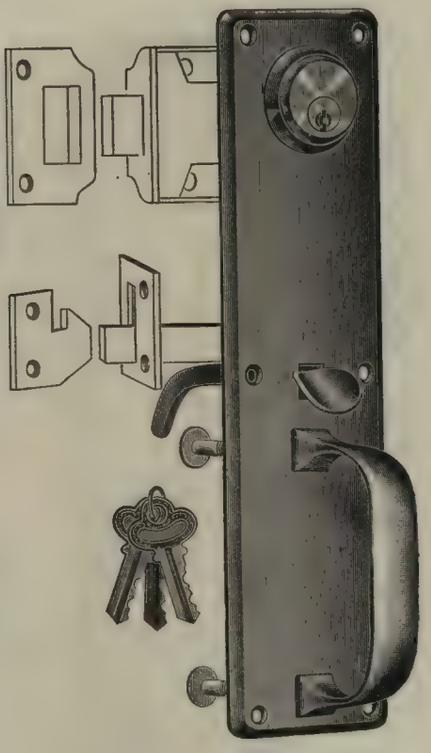
Cuts One-third Size





Nos. 7900/OC and 7900/DB.

Showing Lock and Latch from inside with outlined view of Plate.



Size of Plate 12x3 in.

Showing Plate and Handle from outside with outlined view of Lock and Latch.

Lock—5 ⅛ x3 ¼ in. Japanned Iron Case, Bronze Metal Front, Bolts, Cylinder and Strike, Easy Spring Latch Bolt, Reversible, Backset 2 ¾ in., Two Bronze Cylinders, 3 Oxidized German Silver Keys, Changes Unlimited.

Plates—Two, 12x3 in.

Wrought Bronze.

	Per Set
No. 7923/OC—Old Copper Finish	$11.25
No. 7923/DB—Dull Brass Finish	11.25

Weight Per Set About 4 Pounds.

One Set in a Box, with Screws.

Lock—3 ¾ x2 ½ in. Japanned Iron Case, Bronze Metal Front, Bolts, Turn Knob, Cylinder and Strike, Reversible, Operated from Outside by Key and Inside by Turn Knob, 3 Oxidized German Silver Keys, Changes Unlimited, for Doors ⅞ to 3 in.

Plates—Outside, 12x3 in., with Handle, Inside Lift Latch.

Wrought Bronze.

	Per Set
No. 7900/OC—Old Copper Finish	$8.00
No. 7900/DB—Dull Brass Finish	8.00

Weight Per Set About 3 ½ Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

GYROS DESIGN

Lock—5x3⅝ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts and Cylinder, Easy Spring Latch Bolt, Reversible, 3 Gold Plated German Silver Keys, Changes Unlimited.

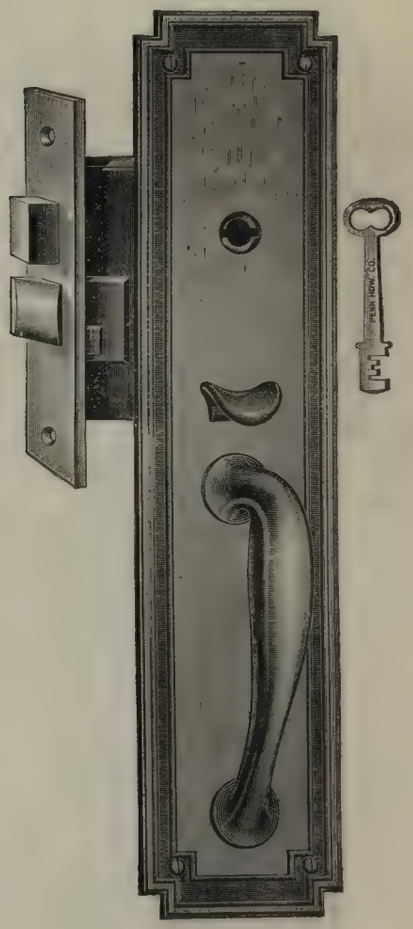
Plates—Two, 15x3¼ in.

Wrought Bronze.

	Per Set
No. 5483/OC —Old Copper Finish	**$16.00**
No. 5483/DB —Dull Brass, Relieved Finish	**16.00**
No. 5483/DBS—Dull Brass, Sand Blast Finish	**16.00**

Weight Per Set About 8 Pounds.

One Set in a Box, with Screws.



Lock—4½x3½ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 15x3¼ in.

Wrought Bronze.

	Per Set
No. 5443/OC —Old Copper Finish	**$9.50**
No. 5443/DB —Dull Brass Finish	**9.50**
No. 5443/DBS—Dull Brass, Sand Blast Finish	**9.50**

Weight Per Set About 6 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

CARVELL DESIGN

Lock—5x3⅝ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts and Cylinder, Easy Spring Latch Bolt, Reversible, 3 Gold Plated German Silver Keys, Changes Unlimited.

Plates—Two, 14½x3¼ in.

Wrought Bronze.

	Per Set
No. 483/OC —Old Copper Finish	$16.00
No. 483/DB —Dull Brass, Relieved Finish	16.00
No. 483/DBS—Dull Brass, Sand Blast Finish	16.00

Weight Per Set About 8 Pounds.

One Set in a Box, with Screws.

Lock—4½x3½ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 14½x3¼ in.

Wrought Bronze.

	Per Set
No. 443/OC —Old Copper Finish	$8.00
No. 443/DB —Dull Brass, Relieved Finish	8.00
No. 443/DBS—Dull Brass, Sand Blast Finish	8.00

Weight Per Set About 6 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

CHARLTON DESIGN

Lock—5x3 5/8 in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts and Cylinder, Easy Spring Latch Bolt, Reversible, 3 Gold Plated German Silver Keys, Changes Unlimited.

Plates—Two, 15x3 1/4 in.

Wrought Bronze.

	Per Set
No. 8483/OC —Old Copper Finish	**$16.00**
No. 8483/DB —Dull Brass, Relieved Finish	**16.00**
No. 8483/DBS—Dull Brass, Sand Blast Finish	**16.00**

Weight Per Set About 8 Pounds.

One Set in a Box, with Screws.

Lock—4 1/2x3 1/2 in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 15x3 1/4 in.

Wrought Bronze.

	Per Set
No. 8443/OC —Old Copper Finish	**$8.00**
No. 8443/DB —Dull Brass Finish	**8.00**
No. 8443/DBS—Dull Brass, Sand Blast Finish	**8.00**

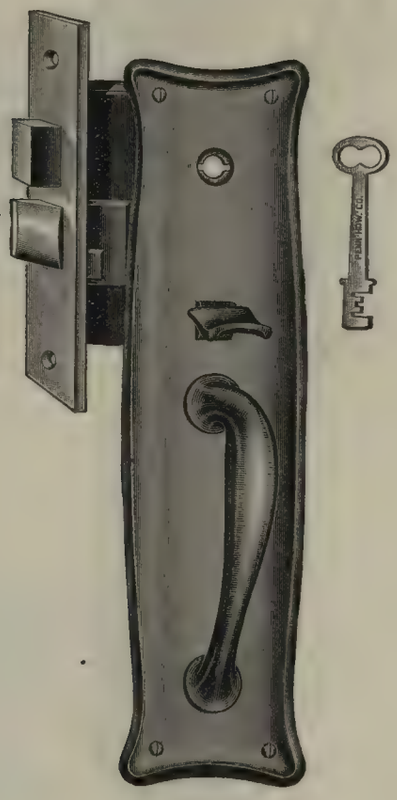
Weight Per Set About 8 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

DOUGLAS DESIGN



Lock—5x3⅝ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts and Cylinder, Easy Spring Latch Bolt, Reversible, 3 Gold Plated German Silver Keys, Changes Unlimited.

Plates—Two, 12x3 in.

Wrought Bronze.

	Per Set
No. 1583/OC—Old Copper Finish	$13.00
No. 1583/DB—Dull Brass Finish	13.00

Weight Per Set About 6 Pounds.

One Set in a Box, with Screws.

Lock—4½x3½ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 12x3 in.

Wrought Bronze.

	Per Set
No. 1543/OC—Old Copper Finish	$8.00
No. 1543/DB—Dull Brass Finish	8.00

Weight Per Set About 4½ Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

STIRLING DESIGN

Lock—5x3⅝ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts and Cylinder, Easy Spring Latch Bolt, Reversible, 3 Gold Plated German Silver Keys, Changes Unlimited.

Plates—Two, 14½x3 in.

Wrought Bronze.

	Per Set
No. 183/OC —Old Copper Finish	**$13.50**
No. 183/DB —Dull Brass Finish	**13.50**
No. 183/DBS—Dull Brass, Sand Blast Finish	**13.50**

Lock—5x3⅝ in. Japanned Iron Case, Wrought Steel Front and Strike, Bronze Metal Bolts and Cylinder, Easy Spring Latch Bolt, Reversible, 3 Gold Plated German Silver Keys, Changes Unlimited.

Plates—Two, 14½x3 in.

Wrought Steel.

	Per Set
No. 183/BB—Bower-Barff Finish	**$12.00**

Weight Per Set About 7½ Pounds.

One Set in a Box, with Screws.

Lock—4½x3½ in. Japanned Iron Case, Wrought Bronze Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 14½x3 in.

Wrought Bronze.

	Per Set
No. 143/OC —Old Copper Finish	**$8.00**
No. 143/DB —Dull Brass Finish	**8.00**
No. 143/DBS—Dull Brass, Sand Blast Finish	**8.00**

Lock—4½x3½ in. Japanned Iron Case, Wrought Steel Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, Reversible, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 14x3 in.

Wrought Steel.

	Per Set
No. 143/BB—Bower-Barff Finish	**$7.50**

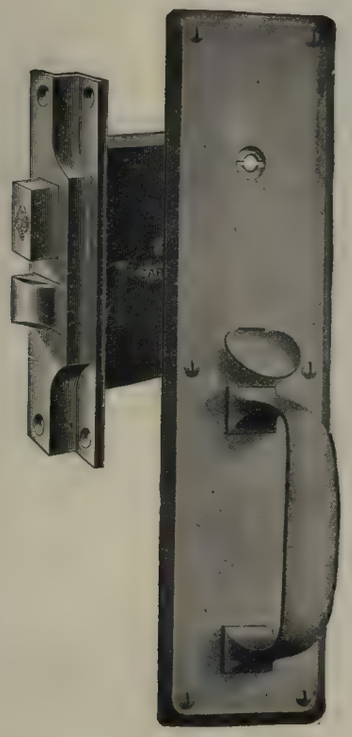
Weight Per Set About 6½ Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

PLAIN



Flat Front.

Lock—4¼x3 in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, 4 Tumblers, 2 Nickel Plated Flat Steel Keys, 48 Changes.

Plates—Two, 12x3 in.

Wrought Bronze.

	Per Set
No. 7903/L —Light Natural Finish	$8.00
No. 7903/OC—Old Copper Finish	8.00
No. 7903/DB—Dull Brass Finish	8.00

Weight Per Set About 4½ Pounds.

One Set in a Box, with Screws.

Rabbeted Front, Not Reversible.

Lock—4¼x3 in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Easy Spring Latch Bolts, Not Reversible, 4 Tumblers, 2 Nickel Plated Flat Steel Keys, 48 Changes.

Plates—Two, 12x3 in.

Wrought Bronze.

Right Hand.	Per Set
No. R7809/L —Light Natural Finish	$8.50
No. R7809/OC—Old Copper Finish	9.00

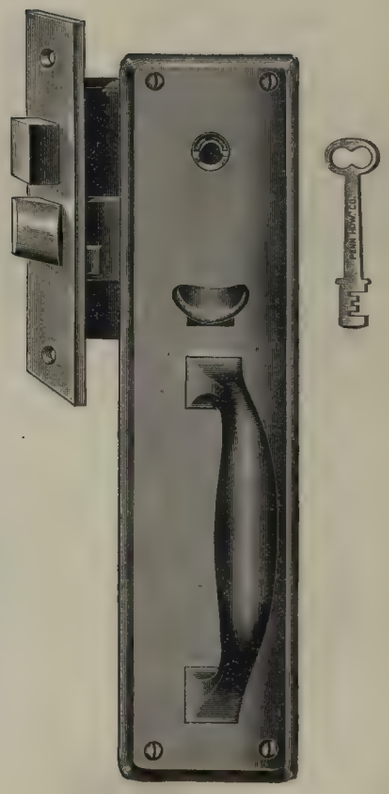
Left Hand.	Per Set
No. L7809/L —Light Natural Finish	$8.50
No. L7809/OC—Old Copper Finish	9.00

Weight Per Set About 4½ Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size



Lock—4x3 in. Japanned Iron Case, Iron Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, 3 Tumblers, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 12x3 in.

Wrought Steel.

	Per Set
No. 7043/L—Light Natural Finish	$4.25
No. 7043/OC—Old Copper Finish	4.25

Weight Per Set About 4½ Pounds.

One Set in a Box, with Screws.

Lock—4½x3½ in. Japanned Iron Case, Iron Front, Bolts and Strike, Easy Spring Latch Bolt, Reversible, 3 Tumblers, 2 Nickel Plated Flat Steel Keys, 60 Changes.

Plates—Two, 16x3¾ in.

Cast Iron.

	Per Set
No. 2139J—Japanned	$5.00

Weight Per Set About 12 Pounds.

One Set in a Box, with Screws.

Lock—4½x3 in. Japanned Iron Case, Bronze Metal Front, Bolts and Strike, Anti-Friction Latch Bolts, Not Reversible, 3 Tumblers, 2 Nickel Plated Steel Keys, 1,200 Changes.

Plates—Two, 15¾x3¼ in.

Heavy Iron.

	Per Set
No. R8314J—Right Hand, Japanned	$9.00
No. L8314J—Left Hand, Japanned	9.00

The above Handle is especially adapted for Mill and Factory Doors.

Weight Per Set About 8 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Locks.

Cuts One-third Size

Illustration of Rabbeted Front No. R2409 Set.

No. 2403.

Flat Front.

Lock—4¼x3 in. Japanned Iron Case, Iron Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, **Reversible**, Backset 2⅜ in., 4 Tumblers, 2 Nickel Plated Steel Keys, 48 Changes.

Plates—Two, 13⅜x2½ in.

Cast Iron.

	Per Set
No. 2403/E—Etruscan Bronzed	**$3.00**
No. K2403/L—Dark Background, Polished Raised Surfaces, Light Natural Finish	**3.25**

Weight Per Set About 5 Pounds.

Rabbeted Front.

Lock—4¼x3 in. Japanned Iron Case, Iron Front and Strike, Bronze Metal Bolts, Easy Spring Latch Bolt, **Not Reversible**, Backset 1⅛ and 2⅜ in., 4 Tumblers, 2 Nickel Plated Steel Keys, 48 Changes.

Plates—Two, 12½x2½ in.

Cast Iron.

	Per Set
No. R2409/L—Right Hand, Dark Background, Polished Raised Surfaces, Light Natural Finish	**$3.60**
No. L2409/L—Left Hand, Dark Background, Polished Raised Surfaces, Light Natural Finish	**3.60**

Weight Per Set About 5 Pounds.

One Set in a Box, with Screws.

Store Door Handles and Latches.

Cuts One-third Size

Flat Front.

Latch—3x3¼ in. Japanned Iron Case, Iron Front and Strike, Bronze Metal Anti-Friction Bolt, **Reversible**, Backset 1⅛ in.

Plates—Two, 9x2 in.

Cast Iron.

	Per Set
No. 1495/E—Etruscan Bronzed	**$2.25**

Weight Per Set About 3½ Pounds.

Rabbeted Front.

Latch—3x3¼ in. Japanned Iron Case, Iron Front and Strike, Bronze Metal Anti-Friction Bolt, **Reversible**, Backset 1⅛ in.

Plates—9x2 in.

Cast Iron.

	Per Set
No. 1499/E—Etruscan Bronzed	**$2.75**

Weight Per Set About 3½ Pounds.

One Set in a Box, with Screws.

Illustration of Rabbeted Front No. 1499/E.

Flat Front No. 1495/E

Store Door Handles.

Cuts One-third Size

RIGHT OR LEFT HAND

Cast Iron Handle, Wrought Steel Plate.

9½x2 in.

	Per Dozen
No. 45/OC—Old Copper Finish	$16.75
No. 45/DB—Dull Brass Finish	16.75

Weight Per Dozen About 22 Pounds.

One-quarter Dozen in a Box, with Screws.

Cast Iron Handle and Plate.

9x2 in.

	Per Dozen
No. 97/E—Etruscan Bronzed	$4.50

Weight Per Dozen About 18 Pounds.

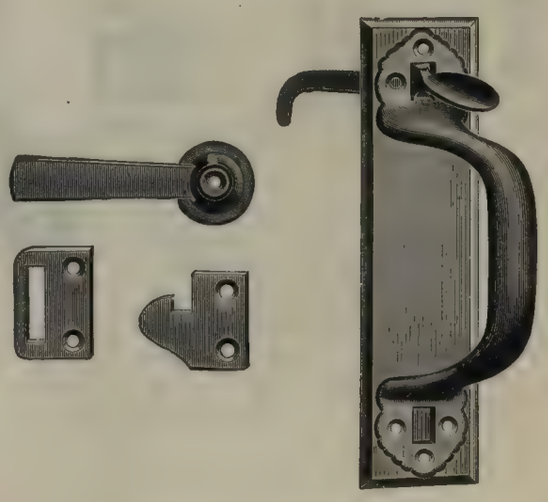
One-half Dozen in a Box, with Screws.

Cast Iron, 7¾ in. Handle, Short Thumb Piece.

	Per Dozen
No. 26/J—Japanned	$2.00

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box.



Cast Iron, 7¾x2 in. Plate.

	Per Dozen
No. 16/J—Japanned	$2.25

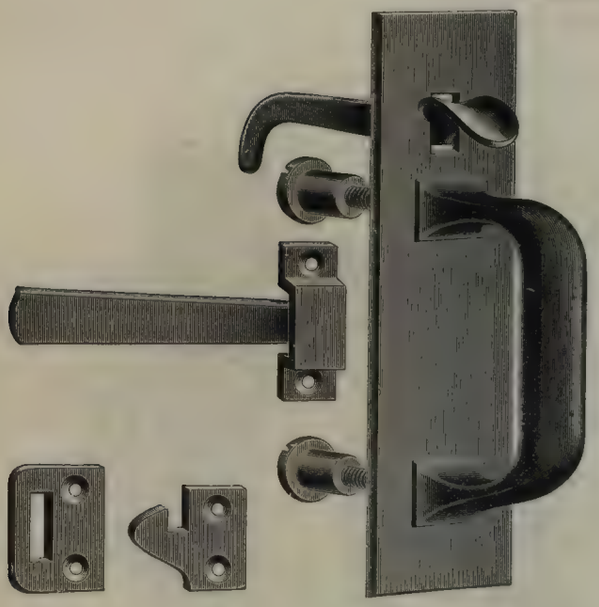
Weight Per Dozen About 17 Pounds.

One-half Dozen in a Box.

Factory Door Handles.

Cuts One-third Size

RIGHT OR LEFT HAND



Extra Heavy, Cast Iron, Wrought Steel Latch, 10x2⅛ in. Plate Put on with Nuts.

	Per Dozen
No. 7/J—Japanned	$11.25

Especially adapted for Mill Doors from 1⅜ to 2½ in. Thick.

Weight Per Dozen About 40 Pounds.

One-quarter Dozen in a Box.

Thumb Latches.

Cuts One-half Size

Nos. 03/J and 03/OC.

Wrought Steel, Japanned.

Nos.	01/J	02/J	03/J	04/J
Length of Handle, Inches.	5½	6¾	7⅝	8⅞
Weight Per Dozen, Lbs...	3½	5¼	9	17
Per Dozen	$1.25	1.35	2.00	3.35

Wrought Steel, Old Copper Finish.

Nos.	02/OC	03/OC
Length of Handle, Inches	6¾	7⅝
Weight Per Dozen, Lbs.	5¼	9
Per Dozen	$2.50	3.50

One Dozen in a Box, with Screws.

No. 13/J.

Wrought Steel, Japanned, with Hole in Latch Strike and Guide for Padlock.

Nos.	13/J	14/J
Length of Handle, Inches	7⅝	8⅞
Weight Per Dozen, Lbs.	9	17
Per Dozen	$2.00	3.35

Wrought Steel, Sherardized Finish, with Hole in Latch Strike and Guide for Padlocks.

Nos.	13/Z	14/Z
Length of Handle, Inches	7⅝	8⅞
Weight Per Dozen, Lbs.	9	17
Per Dozen	$3.50	5.00

One Dozen in a Box, with Screws.

Thumb Latches.

RIGHT OR LEFT HAND

Nos. 1 and 101.

Cast Iron, Japanned, Wrought Latch.

Nos.	1/J	2/J	3/J	4/J
Length of Handle, Inches.	6	6 ½	7 ⅛	8 ¾
Weight Per Dozen, Lbs...	4	4 ½	5 ½	7 ½
Per Dozen	$0.80	.90	1.05	1.20

One Dozen in a Box.

Cast Iron, Japanned, Wrought Latch, with Screws.

Nos.	101/J	102/J	103/J
Length of Handle, Inches....	6	6 ½	7 ⅛
Weight Per Dozen, Lbs.....	4 ½	5 ½	8
Per Dozen	$1.25	1.35	1.50

One Dozen in a Box, with Screws.

Nos. 30 and 130.

Cast Iron, Japanned.

No.	30/J
Length of Handle, Inches	5 ⅝
Weight Per Dozen, Lbs.	5
Per Dozen	$0.80

One Dozen in a Box.

Cast Iron, Japanned, with Screws.

No.	130/J
Length of Handle, Inches	5 ⅝
Weight Per Dozen, Lbs.	5 ½
Per Dozen	$1.15

One Dozen in a Box, with Screws.

Cast Iron, Heavy, Japanned.

No.	32/J
Length of Handle, Inches	6 ⅛
Weight Per Dozen, Lbs.	7
Per Dozen	$1.15

One Dozen in a Box.

Cast Iron, Heavy, Japanned, with Screws.

No.	132/J
Length of Handle, Inches	6 ⅛
Weight Per Dozen, Lbs.	7 ½
Per Dozen	$1.50

One Dozen in a Box, with Screws.

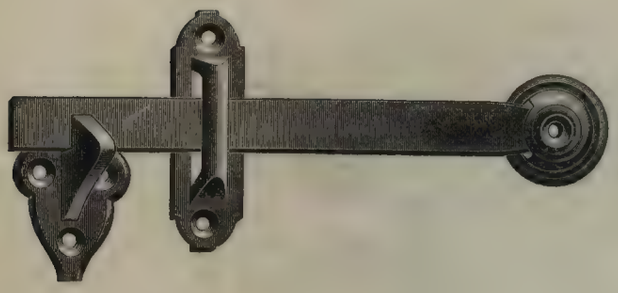
Cast Iron, Etruscan Bronzed, with Screws.

No.	128/E
Length of Handle, Inches	6 ⅝
Weight Per Dozen, Lbs.	7 ½
Per Dozen	$1.35

One-half Dozen in a Box, with Screws.

Barn Door Latches.

RIGHT OR LEFT HAND



Cut One-third Size

Extra Heavy Wrought Steel, Latch Only, without Handle, Cast Iron Trimmings, Japanned.

Per Dozen

No. 15/J—Length of Latch 9½ in., Weight Per Dozen About 8 Lbs. **$1.75**

One Dozen in a Box.

Cut One-third Size

Extra Heavy, Cast Iron, Japanned, Wrought Steel Latch.

Per Dozen

No. 25/J—Length of Handle 10 in., Length of Latch 9½ in., Weight Per Dozen 17 Lbs. **$2.50**

Extra Heavy, Malleable Iron, Japanned, Wrought Steel Latch.

Per Dozen

No. 025/J—Length of Handle 9¾ in., Length of Latch 9 in., Weight Per Dozen About 19 Lbs. . . . **$2.75**

One-half Dozen in a Box.

Barn Door Hasp and Latch.

RIGHT OR LEFT HAND

Cut One-third Size

Cast Iron, Japanned, Long Heavy Hasp, with Staple Catch.

Per Dozen

No. 126/J—Length of Handle 7¾ in., Length of Hasps 11 in. **$3.00**

Weight Per Dozen About 19 Pounds.

One-half Dozen in a Box.

Barn Door Latches.

RIGHT OR LEFT HAND

Cut One-quarter Size

Extra Heavy, Wrought Steel, Japanned.

Per Dozen

No. 252/J—Length of Handle 10⅛ in., Length of Latch Bar 12 in. **$11.25**

Weight Per Dozen About 36 Pounds.

One Set in a Box, Complete, with Screws.

Cut One-half Size.

Barn Door Elbow Catches.

Cast Iron, Japanned, Gravity Locking.

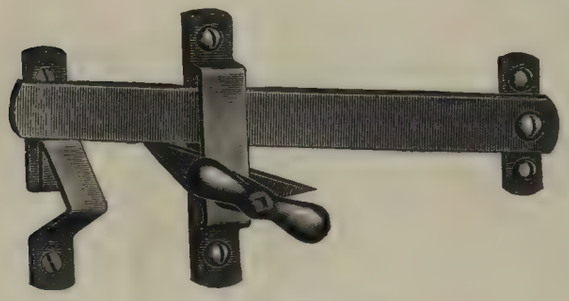
Per Dozen

No. 6305/J—Size of Plate 3⅛x1⅝ in. **$1.00**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Barn Door Latches.



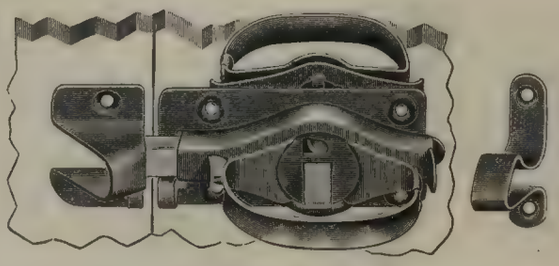
Steel, Japanned.

Per Dozen

No. 18—Length 14 in., Width 1½ in., ⅛ in. Thick, for Swinging Doors, Reversible, for Right or Left Hand Doors, Adjustable to Any Thickness of Door **$14.00**

Weight Per Dozen 60 Pounds.

One Dozen Sets in a Box, with Screws.



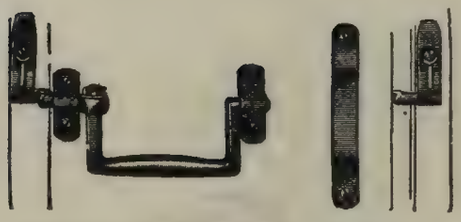
Whitcomb's, Wrought Steel, Japanned.

Per Dozen

No. 10—Length Over All 6 in., for Swing Doors, Tinned Bolts, Two Catches to Hold Gate or Door Either Closed or Open, Padlock Staple, Extra Large Handles to Operate Latch from Either Side, Adjustable to Any Thickness of Door..... **$6.75**

Weight Per Dozen About 14 Pounds.

One-half Dozen in a Box.



Schrauger, Malleable Iron, Japanned.

Per Dozen

No. 61—Length Over All 8 in., for Swing Doors, Reversible, for Either Right or Left Hand Doors, Works Automatically without Springs... **$5.60**

Weight Per Dozen About 13 Pounds.

One Dozen in a Box, with Screws.

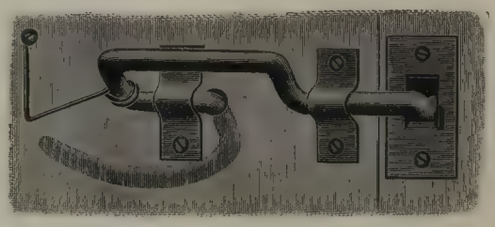
Schrauger, Malleable Iron, Japanned.

Per Dozen

No. 62—Length of Drop Handles 5½ in., for Sliding Doors, Reversible, for Either Right or Left Hand Doors, Works Automatically without Springs, Provided with Place for Padlock **$9.00**

Weight Per Dozen. About 30 Pounds.

One-half Dozen in a Box, with Screws.



Daisy Automatic, Cold Bent Steel, with Flush Catch, Japanned.

Per Dozen

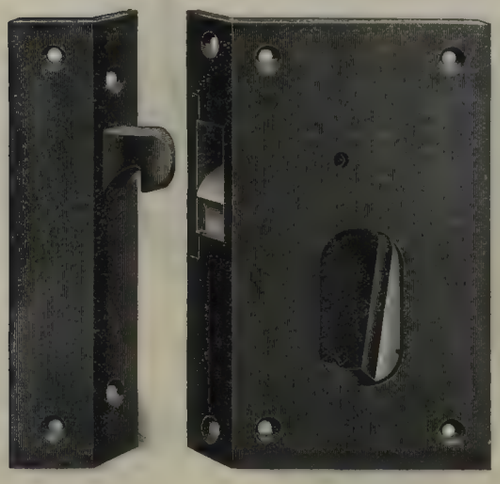
No. 30—Length Over All 10½ in., for Swing Doors, Reversible for Either Right or Left Hand Doors, with Two Catches to Hold Door Both Open and Shut, Can be Operated from Either Side of Door.... **$5.60**

Weight Per Dozen About 18 Pounds.

One Dozen in a Box.

Stable or Garage Sliding Door Locks.

Cut One-third Size



View of Lock from Inside of Barn.

Cup Escutcheon for Outside of Door.

Backset 2½ in.

Per Dozen

No. 6904/J—7½x4¼ in. Japanned Iron Case, Japanned Strike, Nickel Plated Iron Bolt and Lift Lever, Reversible, Two Nickel Plated Steel Keys, One Japanned Cup Escutcheon, 4½x2⅜ in..... **$27.00**

Weight Per Dozen About 38 Pounds.

Operation—Opened with Key from Outside and with Lift Lever from Inside of Door. The Latch Bolt is Flush with the Face; the Strike Catch is to be Set Back Beyond the Jamb of the Door. With this Lock, thus Applied, there is no Possibility of Injury to the Horse.

One-twelfth Dozen in a Box, with Screws.

Door Pulls.

Cut One-half Size

Size 4½ in.

Wrought Steel.

	Per Gross
No. 112—Copper Dipped Finish	**$2.00**
No. 112/OC—Old Copper Finish	**4.00**

Weight Per Gross 6 Pounds.

One-quarter Gross in a Box, without Screws.

Cut One-half Size

Size 5 in.

Wrought Steel.

	Per Gross
No. 101/L—Bronze Plated, Light Natural Finish	**$5.00**
No. 101/OC—Old Copper Finish	**5.00**
No. 101/DB—Dull Brass Finish	**5.00**
No. 101/DBS—Dull Brass, Sand Blast Finish	**7.50**
No. 101/EB—Electro Plate, Dead Black	**5.00**

Weight Per Gross About 9 Pounds.

One-quarter Gross in a Box, with Screws.

Cut One-half Size

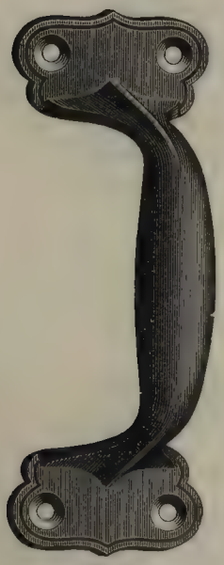
Size 4½ in.

Steel Wire.

	Per Gross
No. 1430—Brass Plated	**$2.00**

Weight Per Gross About 8 Pounds.

One-quarter Gross in a Box.



Cut One-half Size

Heavy Cast Iron, Japanned.

No.	**504J**
Length, Inches	6
Weight Per Dozen, About, Lbs.	5¾
Per Dozen	**$0.80**

One Dozen in a Box.

Cut One-half Size, No. 52J.

Wrought Steel, Japanned.

Nos.	52J	53J	54J
Length, Inches	6¾	7⅞	8⅞
Wt. Per Doz., Lbs.	2	3	6
Per Dozen	**$0.80**	**1.00**	**1.35**

Nos. 52J and 53J, One Dozen; No. 54J, One-half Dozen in a Box, with Screws.

Cut One-third Size

Heavy Wrought Steel, Japanned.

No.	**65J**
Length, Inches	10½
Width at Ends, Inches	2½
Width at Center, Inches	1¼
Weight Per Dozen, About, Lbs.	10¾
Per Dozen	**$3.50**

One-half Dozen in a Box, with Screws.

Door Pulls.

Cuts One-half Size

Size 4 in.

Cast Iron.

	Per Dozen
No. 620—Japanned	$0.40

Weight Per Dozen 3 Pounds.

Two Dozen in a Box, with Screws.

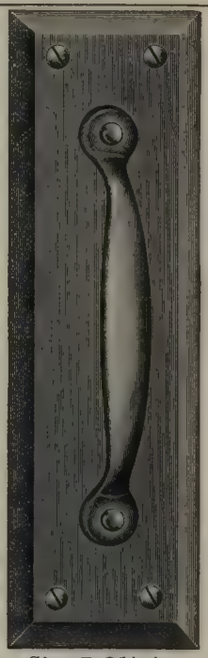
Size 4¼ in.

Cast Iron.

	Per Dozen
No. 1470/L—Bronze Plated, Light Natural Finish	$1.00
No. 1470/OC—Old Copper Finish	1.00
No. 1470/DB—Dull Brass Finish	1.00
No. 1470/DBS—Dull Brass, Sand Blast Finish	1.50
No. 1470/EB—Electro Plated, Dead Black Finish	1.00

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.



Size 7x2¼ in.

Wrought Steel, Beveled Edge.

	Per Dozen
No. 544/OC—Old Copper Finish	$2.00
No. 544/DB—Dull Brass Finish	2.00
No. 544/DBS—Dull Brass, Sand Blast Finish	2.50

Weight Per Dozen About 5 Pounds.

One Dozen in a Box, with Screws.

Cast Bronze.

Size 7½ in. Over All, 6½ in. Center to Center of Lugs.

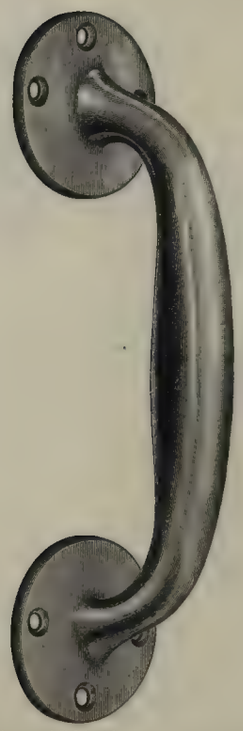
	Per Dozen
No. 1535/L—Light Natural Finish	$13.00
No. 1535/OC—Old Copper Finish	13.50
No. 1535/DB—Dull Brass Finish	13.50
No. 1535/DBS—Dull Brass, Sand Blast Finish	16.00

Cast Iron.

	Per Dozen
No. 1535/BB—Bower-Barff Finish	$13.00

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box, with Screws.



Nos. 1535/L to 1535/BB.

Wrought Steel Plate, Cast Iron Grip.

Size of Plate 3x10 in., 5 in. Grip.

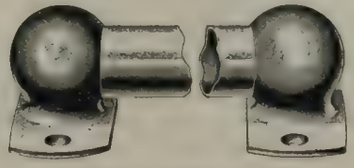
	Per Dozen
No. 1415/OC—Old Copper Finish	$10.00
No. 1415/DB—Dull Brass Finish	10.00
No. 1415/BB—Bower-Barff Finish	11.25

Weight Per Dozen About 9 Pounds.

One-sixth Dozen in a Box, with Screws.

Nos. 1415/OC to 1415/BB.

Door Guards.



Bronze Metal, Polished.

Size ¾ in. Tubing, 28 in. Long.

	Each
No. 9515/DB—Dull Brass Finish	$4.00

Weight Each About 2 Pounds.

Packed with Screws.

Padlocks.

Cuts One-half Size

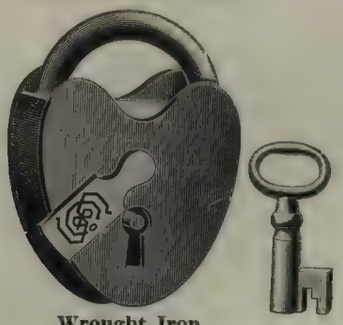
Wrought Iron.

Per Dozen

No. 100—2 in. Case, Japanned, Iron Tumbler, 1 Wheel, 4 Changes, 1 Iron Key.....**$1.35**

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.



Wrought Iron.

Per Dozen

No. 301—2½ in. Case, Japanned, Plain Brass Drop, Wrought Iron Tumbler, 6 Changes, 1 Iron Key **$2.25**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Wrought Iron.

Per Dozen

No. 385-2K—2½ .in. Case, Japanned, Brass Drop and Bushing, 1 Wheel Ward, Revolving Key Pin, Wrought Iron Tumbler, 6 Changes, 2 Flat Steel Keys.....**$4.25**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Wrought Iron.

Per Dozen

No. 386C-1K—2½ in. Case, Japanned, Engraved Drop, Brass Bushing, 1 Wheel Ward, Revolving Key Pin, Heavy Shackle, Wrought Iron Tumbler, 6 Changes, 1 Flat Steel Key, with Chain **$5.25**

No. 386C-2K—With 2 Flat Steel Keys..... **5.75**

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box.

Wrought Iron.

Per Dozen

No. 349C-2K—2½ in. Case, Japanned, Engraved Drop, Brass Bushing, Brass Star Rivets, Bridge Wards, Self-Locking Spring Shackle, 2 Wrought Iron Tumblers, 12 Changes, 2 Iron Keys, with Chain.....**$9.25**

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 57—1½ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 2 Flat Steel Keys **$1.75**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

No. 257.

Wrought Steel Case.

Per Dozen

No. 157—2 in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 1 Tumbler, 2 Flat Steel Keys, Weight Per Dozen 3 Lbs.....**$2.00**

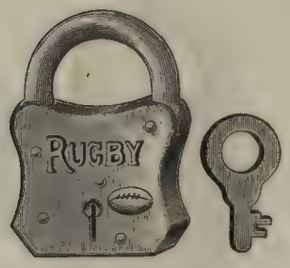
No. 257—2¼ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 1 Tumbler, 2 Flat Steel Keys..... **2.50**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Padlocks.

Cuts One-half Size



Wrought Steel Case.

Per Dozen

No. 1905—1⅞ in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Nickeled Flat Steel Keys..**$1.75**

No. 1905B—1⅞ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Nickeled Flat Steel Keys..... **1.75**

Weight Per Dozen About 2¼ Pounds.

One Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 016—1⅛ in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **$2.00**

No. 016B—1⅛ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **2.00**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 18—1½ in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **$2.00**

No. 18B—1½ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **2.00**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 19B—1¾ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 12 Changes, 2 Flat Steel Keys **$2.50**

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.

Brass Case and Inside Parts.

Per Dozen

No. 210—2 in. Dipped Bright Brass Case, Black Enameled Malleable Iron Self-Locking Spring Shackle, 12 Changes, 2 Flat Steel Keys.....**$4.50**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 21—2 in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 12 Changes, 2 Flat Steel Keys **$3.75**

No. 21B—2 in. Brass Plated Case, Otherwise Same as No. 21... **3.75**

Weight Per Dozen About 3¾ Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 72—2 in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 12 Changes, 2 Flat Steel Keys **$3.50**

No. 572B—2 in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 12 Changes, **2 Nickeled Malleable Barrel Keys.. 3.50**

Weight Per Dozen About 3½ Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 55—2 in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **$2.50**

No. 55B—2 in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **2.75**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Wrought Steel Case, Brass Inside Parts.

Per Dozen

No. 76—2 in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 4 Levers, 12 Changes, 2 Flat Steel Keys..**$5.00**

Weight Per Dozen About 3¼ Pounds.

One-half Dozen in a Box.

Padlocks.

Cuts One-half Size

Wrought Steel Case, Brass Inside Parts.

Per Dozen

No. 50—1½ in. Black Enameled Case, Nickel Plated Malleable Self-Locking Spring Shackle, 5 Levers, 12 Changes, 2 Nickel Plated Flat Steel Keys $7.00

No. 50M—1½ in., **Master Keyed,** Black Enameled Case, Nickel Plated Malleable Self-Locking Spring Shackle, 5 Levers, 12 Changes, 2 Nickel Plated Steel Keys 10.00

Each

Master Keys—For No. 50M Padlocks $0.70

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

Wrought Steel Case, Brass Inside Parts.

Per Dozen

No. 60—2 in. Black Enameled Case, Nickel Plated Malleable Self-Locking Spring Shackle, 6 Levers, 144 Changes, 2 Nickel Plated Flat Steel Keys $9.00

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 710B—~~Everkeen Pritzlaff~~ 2 in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Malleable Iron Keys $4.25

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Wrought Steel Case, Brass Inside Parts.

Per Dozen

No. 5441—2 in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Levers, 144 Changes, 2 Flat Steel Keys... $7.25

No. 5443—Same as Above, with **8 in. Steel Chain** 9.25

Wrought Brass Case and Inside Parts. Per Dozen

No. 5438—2 in. Dipped Brass Case, Black Enameled Self-Locking Spring Shackle, 6 Levers, 144 Changes, 2 Flat Steel Keys..... $10.00

Weight Per Dozen About 5½ Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 700-S—2 in. Bright Case, Bright Malleable Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Nickeled Malleable Barrel Keys.. $4.25

No. 700-B—2 in. Brass Plated Case, Brass Plated Malleable Shackle, Otherwise Same as No. 700S.. 4.25

No. 700-G—2 in. Galvanized Case, Malleable Iron Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Nickeled Malleable Keys..... 5.75

No. 614 —2 in. Ivory Black Case, Malleable Iron Self-Locking Spring Shackle, 2 Malleable Keys, **All Alike** 5.00

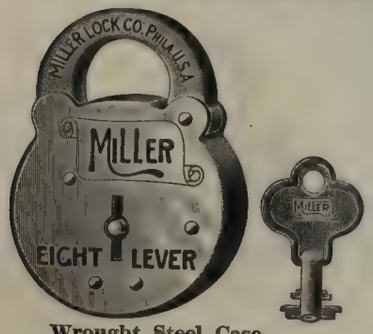
Wrought Brass Case and Inside Parts.

Per Dozen

No. 612—2 in. Dipped Brass Case, Brass Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Nickeled Malleable Keys $8.50

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.



Wrought Steel Case.

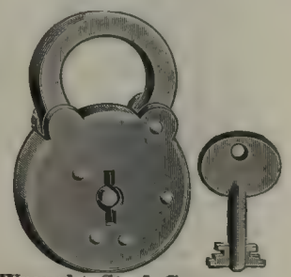
Per Dozen

No. 800-S—2½ in. Bright Case, Bright Malleable Iron Self-Locking Spring Shackle, 8 Levers, 24 Changes, 2 Nickeled Malleable Keys..... $6.50

No. 800-B—2½ in. Brass Plated Case, Brass Plated Malleable Iron Shackle, Otherwise Same as No. 800S..... 6.75

Weight Per Dozen 7 Pounds.

One-half Dozen in a Box.



Wrought Steel Case.

Per Dozen

No. 646—2 in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Brass Plated Barrel Keys $2.75

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 677—1½ in. Brass Plated Case, Brass Plated Malleable Iron Shackle, 6 Levers, 12 Changes, 2 Nickeled Malleable Iron Keys..... $4.00

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Padlocks.

Cuts One-half Size

Keyless, Wrought Steel Case, Brass Inside Parts.

Per Dozen

No. 34—2 in. Black Enameled Case, Nickel Plated Malleable Self-Locking Spring Shackle, Nickel Plated Brass Dial and Knob, 600 Combinations, Complete with Directions **$19.00**

Weight Per Dozen 5½ Pounds.

One-twelfth Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 02230—2 in. Brass Plated Case, Brass Plated Heavy Malleable Spring Shackle, 2 Lever Tumblers, 3 Wards, 12 Changes, 2 Flat Steel Keys **$4.00**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 01090—2 in. Brass Plated Case, Brass Plated Swing Shackle, 12 Changes, 2 Nickel Plated Steel Corrugated Keys **$4.00**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Cast Brass Case.

Per Dozen

No. 470—1¼ in. Polished Brass Case, Nickel Plated Steel Rod Spring Shackle, 6 Changes, 2 Nickeled Flat Steel Keys **$4.00**

Weight Per Dozen 1½ Pounds.

One Dozen in a Box.

Cast Brass Case.

Per Dozen

No. 473—1⅛ in. Polished Brass Case, Nickel Plated Steel Rod Spring Shackle, 6 Changes, 2 Nickeled Flat Steel Keys.. **$5.00**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Cast Brass Case.

Per Dozen

No. 69—2⅛ in. Polished Brass Case, Nickel Plated Steel Rod Spring Shackle, 6 Changes, 2 Nickeled Flat Steel Keys **$5.75**

Weight Per Dozen About 5¼ Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 51—2 in. Brass Plated Case, Nickel Plated Malleable Iron Shackle, 12 Changes, 2 Nickeled Flat Steel Keys.... **$1.60**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

R. F. D. Master Keyed.
Brass Case, Brass Inside Parts.

Per Dozen

No. 242—Rural Free Delivery, 1¾ in. Dipped Brass Case, Galvanized Malleable Iron Self-Locking Spring Shackle, 2 Flat Steel Keys, 1 Master Key Packed with Each Dozen Locks **$5.00**
Master Keyed in Series of 36.

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

R. F. D. Master Keyed.
Cast Brass Case.

Per Dozen

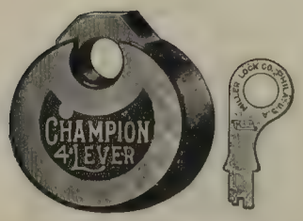
No. 042—Rural Free Delivery, 1½ in. Brass Black Background Case, Round Brass Self-Locking Spring Shackle, 2 Nickel Plated Corrugated Keys, 1 Master Key with Each Dozen Locks **$5.00**

Weight Per Dozen About 3⅛ Pounds.

One Dozen in a Box.

Padlocks.

Cuts One-half Size



Cast Gun Metal Case.

Per Dozen

No. 01—1¾ in. Case, Gun Metal Self-Locking Spring Shackle, 4 Levers, 120 Changes, 2 Flat Steel Keys.....**$ 9.00**

No. 28—1¾ in. Case, **Master Keyed,** Gun Metal Self-Locking Spring Shackle, 4 Levers, 120 Changes, 2 Flat Steel Keys **15.00**

Each

Master Keys—For No. 28 Padlocks **$0.90**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Gun Metal Case.

Per Dozen

No. 01C—1¾ in. Case, **with Chain,** Gun Metal Self-Locking Spring Shackle, 4 Levers, 120 Changes, 2 Flat Steel Keys **$12.00**

Weight Per Dozen About 4½ Pounds.

One-half Dozen in a Box.

Cast Gun Metal Case.

Per Dozen

No. 07—1¾ in. Case, Gun Metal **Elongated** Self-Locking Spring Shackle, 4 Levers, 120 Changes, 2 Flat Steel Keys **$10.00**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Gun Metal Case.

Per Dozen

No. 1—2¼ in. Case, Gun Metal Self-Locking Spring Shackle, 6 Levers, Changes Unlimited, 2 Flat Steel Keys.....**$12.50**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Cast Gun Metal Case.

Per Dozen

No. 27—2¼ in. Case, **Master Keyed,** Gun Metal Self-Locking Spring Shackle, 6 Levers, Changes Unlimited, 2 Flat Steel Keys.....**$16.00**

Each

Master Keys—For No. 27 Padlocks **$0.90**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Cast Gun Metal Case.

Per Dozen

No. 10C—2¼ in. Case, **with Chain,** Gun Metal Self-Locking Spring Shackle, 6 Levers, Changes Unlimited, 2 Flat Steel Keys.....**$14.50**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

Cast Brass Case, Brass Inside Parts.

Per Dozen

No. 125—2¼ in. Brass Case, Brass Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Flat Steel Keys..**$9.00**

Weight Per Dozen About 5½ Pounds.

One-half Dozen in a Box.

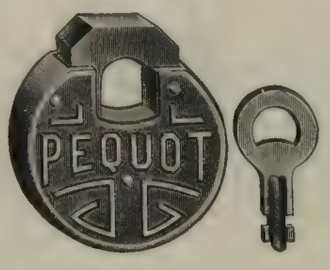
Cast Brass Case, Brass Inside Parts.

Per Dozen

No. 126C—2¼ in. Case, **with Chain,** Brass Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Flat Steel Keys **$11.25**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.



Wrought Steel Case.

Per Dozen

No. 276—2¼ in. Ivory Black Finish Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, Two Nickeled Steel Keys.....**$4.00**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Padlocks.

Cuts One-half Size

Cast Brass Case, Brass Inside Works.

Per Dozen

No. 759—2 in. Polished Case, Self-Locking Spring Shackle, 12 Changes, 2 Flat Steel Keys.....**$8.00**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Cast Brass Case, Brass Inside Works.

Per Dozen

No. 759½—2 in. Polished Case, Self-Locking Spring Shackle, 12 Changes, 2 Malleable Iron Keys **$8.25**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Cast Brass Case.

Per Dozen

No. 214—1½ in. Case, Cast Brass Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys.**$4.00**

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box.

Cast Bronze Metal Case.

Per Dozen

No. 222—2 in. Case, Cast Bronze Metal Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys **$6.25**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Bronze Metal Case.

Per Dozen

No. 300—2 in. Case, Bronze Metal Self-Locking Spring Shackle, Improved Tumblers, 96 Changes, 2 Bronze Keys..**$9.50**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Bronze Metal Case.

Per Dozen

No. 0301—2 in. Case, Cast Bronze Metal Self-Locking Spring Shackle, 3 Brass Tumblers, 24 Changes, 2 Flat Steel Keys **$9.50**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Bronze Metal Case.

Per Dozen

No. 526—2¼ in. Case, with Chain, Bronze Metal Self-Locking Spring Shackle, 3 Brass Tumblers, 288 Changes, 2 Flat Steel Keys.**$20.00**

Weight Per Dozen 7 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 529—2 in. Case, Assorted Black, Red and Blue Enameled, and Brass Plated, Malleable Iron Self-Locking Spring Shackle, 6 Levers, 12 Changes, 2 Nickeled Malleable Keys **$4.00**

Weight Per Dozen About 4½ Pounds.

One Dozen Assorted in a Box.

Padlocks.

Cuts One-half Size

Wrought Steel Case.

Per Dozen

No. 674N—1¾ in. Nickel Plated Case, Nickel Plated Self-Locking Spring Shackle, 2 Lever Tumblers, 6 Changes, 2 Flat Steel Keys.....**$2.50**

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box.

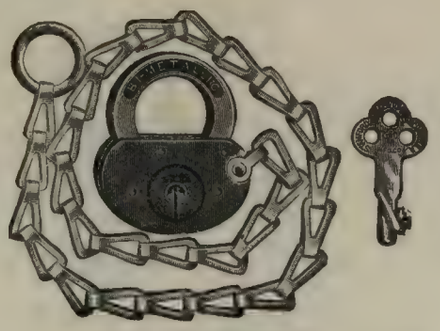
Wrought Steel Case.

Per Dozen

No. 684J—1¾ in. Ivory Black Case, Brass Plated Self-Locking Spring Shackle, 2 Lever Tumblers, 6 Changes, 2 Flat Steel Keys **$2.50**

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box.



Wrought Steel Case.

Per Dozen

No. 684½J—1¾ in. Ivory Black Case, **with 15 in. Nickel Plated Safety Chain,** Brass Plated Self-Locking Spring Shackle, 2 Lever Tumblers, 6 Changes, 2 Flat Steel Keys.....**$5.00**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 453J—1½ in. Ivory Black Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, Warded, 6 Changes, 2 Flat Steel Keys.....**$2.00**

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 555J—2 in. Ivory Black Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, Warded, 12 Changes, 2 Flat Steel Keys **$4.00**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Bronze Case.

Per Dozen

No. 585—2 in. Fine Wheel Finish Buffed Case, Bronze Metal Self-Locking Spring Shackle, 3 Lever Tumblers, 12 Changes, 2 Flat Steel Keys.**$10.00**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 645J —2 in. Ivory Black Case, Brass Plated Steel Self-Locking Spring Shackle, 3 Lever Tumblers, 12 Changes, 2 Flat Steel Keys **$4.00**

No. 645/OC—2 in. Old Copper Finish Case, Old Copper Finish Steel Self-Locking Spring Shackle, 3 Lever Tumblers, 12 Changes, 2 Flat Steel Keys 4.00

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Iron Case, Wrought Steel Panels.

Per Dozen

No. 225 —2 in. Bower-Barff Case, Brass Plated Panel, Brass Plated Steel Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys.....**$6.50**

No. 225½—Same as No. 225, but **with 9 in. Chain**.... **8.25**

Weight Per Dozen About 7½ Pounds.

One-half Dozen in a Box.

Padlocks.

Cuts One-half Size

Wrought Steel Case, Bronze Inside Parts.

Per Dozen

No. 4—2 in. Dark Gun Metal Finish Case, Brass Plated Malleable Self-Locking Spring Shackle, Bronze Metal Top and Bottom, 12 Changes, 2 Corrugated Steel Keys.....**$9.00**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

No. 563.

Wrought Steel Case.

Per Dozen

No. 563—1½ in. Bower-Barff Finish Case, Nickel Plated Self-Locking Steel Spring Shackle, 3 Tumblers, 48 Changes, 2 Flat Steel Keys..**$8.00**

No. 565—2 in. Case, Otherwise Same as No. 563..... **10.00**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 8434—1½ in. Bower-Barff Finish Case, Bower-Barff Finish Self-Locking Spring Shackle, 3 Tumblers, 48 Changes, 2 Corrugated Steel Keys **$12.25**

Weight Per Dozen About 4 Pounds.

One-half Dozen in a Box.

Cast Iron Case, Wrought Steel Discs.

Per Dozen

No. 326—2¼ in. Nubian Finish Case, Copper Plated Steel Discs, Copper Plated Steel Self-Locking Spring Shackle, Warded, 6 Changes, 2 Nickel Plated Steel Keys **$9.00**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

Cast Iron Case, Wrought Steel Discs.

Per Dozen

No. 0526—2¼ in. Brass Plated Oxidized Case, Libian Black Finish Discs, Brass Plated Steel Self-Locking Spring Shackle, 4 Lever Tumblers, 144 Changes, 2 Nickel Plated Flat Steel Keys.....**$14.00**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

Cast Iron Case, Wrought Steel Discs.

Per Dozen

No. 726—2¼ in. Bower-Barff Finish Case, Bronze Plated Steel Discs, Bronze Plated Steel Self-Locking Spring Shackle, 4 Pin Tumblers, Changes Unlimited, 2 Nickel Bronze Paracentric Keys...**$24.00**

Weight Per Dozen About 11 Pounds.

One-half Dozen in a Box.

No. 805F.

Iron Case.

Per Dozen

No. 805F—2 in. Bower-Barff Finish Case, Bronze Metal Self-Locking Spring Shackle, 4 Pin Tumblers, 144 Changes, 2 Flat Steel Keys **$13.25**

No. 803F—1½ in., Otherwise Same as No. 805F..... **13.25**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

Iron Case.

Per Dozen

No. 805½F—2 in. Bower-Barff Finish Case, **with 9 in. Bronze Chain**, Bronze Metal Self-Locking Spring Shackle, 4 Pin Tumblers, 144 Changes, 2 Flat Steel Keys.**$15.50**

Weight Per Dozen About 8 Pounds.

One-quarter Dozen in a Box.

Wrought Steel Case.

Per Dozen

No. 8454—2 in. Bower-Barff Finish Case, Bower-Barff Steel Self-Locking Spring Shackle, 4 Lever Tumblers, 144 Changes, 2 Corrugated Steel Keys **$15.00**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Padlocks.

Cuts One-half Size

Bronze Metal Case.

Per Dozen

No. 701BS—1 in. Polished Case, Nickel Plated Self-Locking Spring Shackle, Changes Unlimited, 2 Nickel Bronze Paracentric Keys **$16.00**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

No. 733.

Bronze Metal Case.

Per Dozen

No. 733—1⅜ in. Case, Bronze Metal Self-Locking Spring Shackle, 4 Pin Tumblers, Changes Unlimited, 2 Nickel Bronze Gold Plated Bow Paracentric Keys, Weight Per Dozen 4 Lbs..... **$21.00**

No. 735—2 in. Case, 5 Pin Tumblers, Otherwise Same as No. 733 Padlock..... **28.00**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

No. 743S.

Wrought Steel Case.

Per Dozen

No. 743-S—1½ in. Bower-Barff Finish Case, Nickel Plated Self-Locking Steel Spring Shackle, 3 Pin Tumblers, 36 Changes, 2 Corrugated Steel Keys, Weight Per Dozen 4 Lbs. **$14.00**

No. 745-S—2 in. Case, 4 Pin Tumblers, Otherwise Same as No. 743-S..... **15.50**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

No. 830.

Cast Bronze Case.

Per Dozen

No. 830—1½ in. Case, Nickel Plated Self-Locking Steel Spring Shackle, Double Locking Device, 5 Pin Tumblers, Changes Unlimited, 2 Gold Plated Nickel Bronze Paracentric Keys, Weight Per Dozen About 5 Lbs..... **$21.00**

No. 840—1¾ in. Case, Otherwise Same as No. 830, Weight Per Dozen About 9 Lbs..... **26.50**

One-half Dozen in a Box.

Cast Bronze Case.

Per Dozen

No. 840½—1¾ in. Case, with 9 in. Bronze Chain, Nickel Plated Self-Locking Steel Spring Shackle, Double Locking Device, 5 Pin Tumblers, Changes Unlimited, 2 Gold Plated Nickel Bronze Paracentric Keys... **$29.00**

Weight Per Dozen About 11 Pounds.

One-half Dozen in a Box.

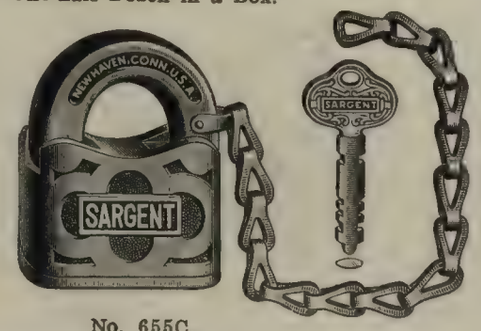
No. 655.

Cast Bronze Case.

Bronze Metal Self-Locking Spring Shackle, Two Flat Steel Keys.

Nos.	650	652	653	654	655
Inches	1	1½	1¾	2	2¼
Levers	3	3	4	4	4
Changes	48	48	72	144	144
Weight Dozen, Lbs.	2	4	5	8	10
Per Dozen	$14.50	15.70	20.00	22.50	28.00

One-half Dozen in a Box.



No. 655C.

Cast Bronze Case, with Royal Metal Chain.

Bronze Metal Self-Locking Spring Shackle, Two Flat Steel Keys.

Nos.	652C	653C	654C	655C
Inches	1½	1¾	2	2¼
Levers	3	4	4	4
Changes	48	72	144	144
Weight Dozen, Lbs.	7	9	12	14
Per Dozen	$22.50	24.50	27.00	31.00

One-quarter Dozen in a Box.

Padlocks.

Wrought Steel Case.

Per Dozen

No. 500B—1½ in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 12 Changes, 2 Nickeled Malleable Barrel Keys..**$2.25**

Weight Per Dozen About 1¾ Pounds.

One-half Dozen in a Box.

Wrought Steel Case.

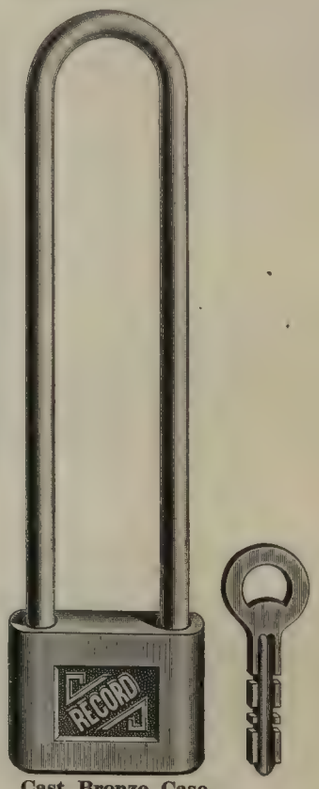
Per Dozen

No. 105—1⅞ in. Black Enameled Case, Nickel Plated Malleable Iron Self-Locking Spring Shackle, 12 Changes, 2 Flat Steel Keys **$3.50**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box.

MOTORCYCLE



Cast Bronze Case.

Per Dozen

No. 1729—2 in. Polished Bronze Case, 6 in. Nickel Plated Wrought Steel Self-Locking Automatic Quarter-Turn Shackle, Two Corrugated Steel Keys **$9.00**

Weight Per Dozen About 6 Pounds.

One-twelfth Dozen in a Box.

FOR BAGS, SMALL BOXES, DOG COLLARS, ETC.

Nickel Plated Case.

Per Dozen

No. 61—¾ in. Case, Self-Locking Spring Shackle, 1 Flat Steel Key **$3.50**

Weight Per Dozen About ¼ Pound.

One Dozen in a Box.

Wrought Brass Case.

Per Dozen

No. 32—1 in. Case, Self-Locking Spring Shackle, 1 Iron Key..**$2.75**

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Wrought Brass Case.

Per Dozen

No. 30—⅝ in. Case, Self-Locking Spring Shackle, 1 Iron Key..**$2.25**

Nickel Plated Case.

Per Dozen

No. 70—⅝ in. Case, Self-Locking Spring Shackle, 1 Iron Key..**$2.75**

No. 71—¾ in. Case, Self-Locking Spring Shackle, 1 Iron Key.. **3.00**

Weight Per Dozen About ⅝ Pound.

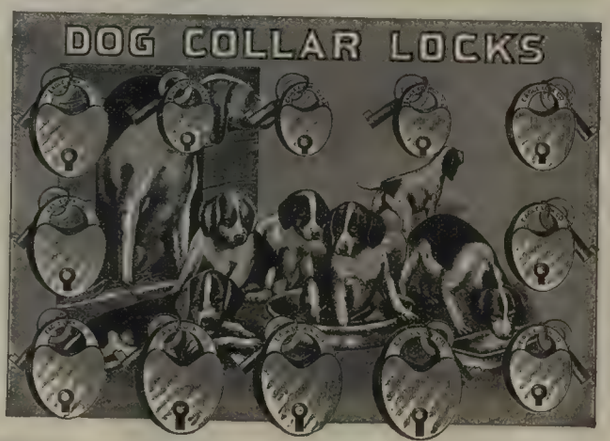
One Dozen in a Box.

Per Assortment

No. 0135—Assortment. Twelve ¾ in. Nickel Plated Brass Locks, 1 Nickeled Key, Put Up on Fancy Display Card **$3.00**

Weight Per Card About ½ Pound.

One Card in a Box.



Per Assortment

No. 256—Assortment, Three Each ⅝, ¾, ⅞ and 1 in. Brass Locks, Self-Locking Spring Shackle, 1 Drilled Bit Key, Put Up on Fancy Display Card **$3 00**

Weight Per Card About ⅜ Pound.

One Card in a Box.

Padlock Assortments.

Per Assortment of 1 Dozen

No. 47 Assortment—One Dozen Assorted, Three Styles, Mounted on Fancy Lithographed Show Card, 12¼x15½ in., with Easel Back **$4.40**

Contents of Assortment.

2 No. 3901, 2 in., Blue Center Polished Brass Padlocks, Nickel Plated Shackle.
4 No. 3902, 1½ in., White Center Polished Brass Padlocks, Nickel Plated Shackle.
4 No. 3903, 1¼ in., Red Center Polished Brass Padlocks, Nickel Plated Shackle.

All Above, with 2 Flat Steel Keys.

Weight Per Assortment About 6 Pounds.

One Card in a Box.

No. BX.

Per Assortment of 1 Dozen

No. BX Assortment—One Dozen Assorted, Four Styles, Mounted on Fancy Lithographed Show Card, 12x17 in., with Easel Back **$4.50**

Contents of Assortment.

3 No. 9925A, 2 in., Brass Plated Steel Case, Brass Plated Shackle.
3 No. 9925B, 2 in., Black Japanned Steel Case, Black Japanned Shackle.
3 No. 9925D, 2 in., Black Japanned Steel Case, Brass Plated Shackle.
3 No. 9925E, 2 in., Black Japanned Steel Case, Nickel Plated Shackle.

All Above, with 2 Steel Keys.

Weight Per Assortment About 5½ Pounds.

One Card in a Box.

Padlock Assortments.

PADLOCK DISPLAY AND STOCK CABINET

Cabinet Made of Sheet Steel, Handsomely Finished in Green and Gold. Shelves Arranged Inside of Cabinet to Accommodate All the Locks Furnished with Assortment with Room for More if Desired.

Front View.

Per Assortment

No. 800 Assortment—Size of Cabinet 12¾ in. High, 12¼ in. Wide, 7½ in. Deep, to Stand on Show Case or Counter, with 5 Dozen Padlocks in 12 Styles to Retail for 10, 15 and 25 Cents Each....$14.00

CONTENTS OF ASSORTMENT.

7/12 Dozen No. 2804¾,	Retail at 10¢	Total,	$0.70
7/12 Dozen No. 2988¼,	Retail at 10¢	Total,	.70
7/12 Dozen No. 2997¾,	Retail at 10¢	Total,	.70
7/12 Dozen No. 2986¼,	Retail at 10¢	Total,	.70
1/3 Dozen No. 2806¼,	Retail at 15¢	Total,	.60
1/3 Dozen No. 2918⅛B,	Retail at 15¢	Total,	.60
1/3 Dozen No. 2802¼,	Retail at 15¢	Total,	.60
1/3 Dozen No. 2901¾,	Retail at 15¢	Total,	.60
1/3 Dozen No. 925⅛,	Retail at 25¢	Total,	1.00
1/3 Dozen No. 2822¼,	Retail at 25¢	Total,	1.00
1/3 Dozen No. 952⅛,	Retail at 25¢	Total,	1.00
1/3 Dozen No. 2987¾,	Retail at 25¢	Total,	1.00
5 Dozen Total.		Total	$9.20

One each of the above locks is mounted on the face of the cabinet, forming an attractive sample board.

Weight Per Assortment 24 Pounds.

One Assortment in a Box.

"HARDWARE CITY" PADLOCK ASSORTMENT

WITH PADLOCK DISPLAY AND STOCK CABINET.

Cabinet Made of Selected Hardwood, Highly Finished, Fitted with Brass Trimmings, Shelves Arranged Inside to Accommodate All of the Locks Furnished with the Assortment, with Room for More if Desired.

Per Assortment

No. 400—Size of Cabinet: 17 in. High, 14 in. Wide, 12 in. Deep, to Stand on Show Case or Counter, with 7⅞ Dozen Padlocks in 20 Styles, to Retail for 10, 15, 25 and 50 Cents Each, Each Lock Numbered with Nickel Plated Tag $28.00

CONTENTS OF ASSORTMENT.

				Per Dozen
7/12 Dozen No. 02904,	Retail at 10¢	Total,	$0.70	$.....
7/12 Dozen No. 2988¼,	Retail at 10¢	Total,	.70	.....
7/12 Dozen No. 2997¼,	Retail at 10¢	Total,	.70	.....
7/12 Dozen No. 2986¾,	Retail at 10¢	Total,	.70	.....
1/3 Dozen No. 2918¼,	Retail at 15¢	Total,	.60	.....
1/3 Dozen No. 2918¾,	Retail at 15¢	Total,	.60	.....
1/3 Dozen No. 2960¼,	Retail at 15¢	Total,	.60	.....
1/3 Dozen No. 2960¾,	Retail at 15¢	Total,	.60	.....
7/12 Dozen No. 2987¾,	Retail at 25¢	Total,	1.75	.....
7/12 Dozen No. 2987¼,	Retail at 25¢	Total,	1.75	.....
1/3 Dozen No. 994¼,	Retail at 25¢	Total,	1.00	.....
1/3 Dozen No. 2901¾,	Retail at 25¢	Total,	1.00	.....
1/3 Dozen No. 925⅛,	Retail at 25¢	Total,	1.00	.....
1/3 Dozen No. 2867⅛A,	Retail at 25¢	Total,	1.00	.....
1/3 Dozen No. 2956¼,	Retail at 25¢	Total,	1.00	.....
1/3 Dozen No. 2901¼,	Retail at 25¢	Total,	1.00	.....
1/4 Dozen No. 0995A,	Retail at 50¢	Total,	1.50	.....
1/4 Dozen No. 02865½,	Retail at 50¢	Total,	1.50	.....
1/6 Dozen No. 2942⅛,	Retail at 50¢	Total,	1.00	.....
1/6 Dozen No. 02992¾,	Retail at 50¢	Total,	1.00	.....
7⅞ Dozen Total.		Total	$19.70	

Front View.

One each of the above Locks is mounted on the Face of the Cabinet, forming an attractive Sample Board.

Weight Per Assortment About 50 Pounds.

One Set in a Box.

Padlock Assortment.

Per Assortment of 1 Dozen

No. 13 Assortment—One Dozen Assorted, Six Styles, Mounted on Fancy Show Card, 13x16 in., with Easel Back.....**$2.00**

Contents of Assortment No. 13.

2 No. 95, 1 5/16 in. Black Enameled Steel Case, Nickeled Malleable Shackle.
2 No. 95B, 1 5/16 in. Brass Plated Steel Case, Brass Plated Malleable Shackle.
2 No. 1805, 1 5/8 in. Black Enameled Steel Case, Nickeled Malleable Shackle.
2 No. 1805B, 1 5/8 in. Brass Plated Steel Case, Brass Plated Malleable Shackle.
2 No. 100, 1 1/2 in. Black Enameled Steel Case, Nickeled Malleable Shackle.
2 No. 100B, 1 1/2 in. Brass Plated Steel Case, Brass Plated Malleable Shackle.

All Above, with 2 Flat Steel Keys.

Weight Per Assortment About 3 Pounds.

One Card in a Box.

Padlock Assortment.

Per Assortment of 1 Dozen

No. E Assortment—One Dozen Assorted, Three Styles, Mounted on Fancy Lithographed Show Card, 13x16 in., with Easel Back **$2.50**

Contents of Assortment No. E.

4 No. 1905B, 1¾ in., Brass Finished Steel Case, Brassed Shackle.
4 No. 1905A, 1¾ in., Antique Copper Finished Steel Case, Antique Coppered Shackle.
4 No. 1905, 1¾ in., Black Enameled Steel Case, Nickeled Shackle.

All Above with Two Flat Steel Keys.

Weight Per Assortment About 3½ Pounds.

One Card in a Box.

Padlock Assortment.

No. C Assortment—One Dozen Assorted, Twelve Styles, Mounted on Fancy Lithographed Show Card, 13x16 in., with Easel Back ..... Per Assortment of 1 Dozen **$4.50**

Contents of Assortment No. C.

1 No. 210, 2 in., Wrought Brass Case and Inside Parts, Japanned Shackle.
1 No. 44B, 1¾ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 97, 1⅞ in., Wrought Brass Case, Brassed Shackle.
1 No. 210G, 2 in., Wrought Brass Case and Inside Parts, Galvanized Shackle.
1 No. 76, 2 in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 221, 2 in., Cast Brass.
1 No. 222, 2 in., Cast Bronze.
1 No. 21A, 2 in., Antique Copper Finished Steel Case, Antique Coppered Shackle.
1 No. 110, 2¼ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 110B, 2¼ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 22B, 2⅝ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 22, 2⅝ in., Black Enameled Steel Case, Nickeled Shackle.

All Above with Two Flat Steel Keys.
Weight Per Assortment 5 Pounds.
One Card in a Box.

Padlock Assortment

Per Assortment of 1 Dozen

No. L Assortment—One Dozen Assorted, Ten Styles, Mounted on Fancy Lithographed Show Card 13x16 in., with Easel Back **$3.00**

Contents of Assortment No. L.

2 No. 18B, 1½ in., Brass Finished Steel Case, Brassed Shackle.
2 No. 18, 1½ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 712, 2¼ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 19B, 1¾ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 19, 1¾ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 112B, 2¼ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 250B, 2 in., Brass Finished Steel Case, Brassed Shackle.
1 No. 21, 2 in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 21B, 2 in., Brass Finished Steel Case, Brassed Shackle.
1 No. 250, 2 in., Black Japanned Steel Case, Bright Shackle.

All Above with Two Flat Steel Keys.
Weight Per Assortment About 4 Pounds.
One Card in a Box.

Padlock Assortment.

Per Assortment of 1 Dozen

No. B Assortment—One Dozen Assorted, Twelve Styles, Mounted on Fancy Lithographed Show Card, 13x16 in., with Easel Back **$4.00**

Contents of Assortment No. B.

1 No. 1905B, 1¾ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 1905, 1¾ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 18, 1½ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 18B, 1½ in., Brass Finished Steel Case, Brassed Shackle.
1 No. 214, 1½ in., Cast Brass.
1 No. 105, 1⅞ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 21, 2 in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 190, 1¾ in., Wrought Brass Case and Inside Parts, Enameled Shackle.
1 No. 221, 2 in., Cast Brass.
1 No. 110, 2¼ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 22, 2⅝ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 210, 2 in., Wrought Brass Case and Inside Parts, Enameled Shackle.

All Above with Two Flat Steel Keys.
Weight Per Assortment About 4 Pounds.
One Card in a Box.

Padlock Assortment.

Per Assortment of 1 Dozen

No. F Assortment—One Dozen Assorted, Twelve Styles, Mounted on Fancy Lithographed Show Card, 13x16 in., with Easel Back **$8.00**

Contents of Assortment No. F.

1 No. 210, 2 in., Wrought Brass Case and Inside Parts, Japanned Shackle.
1 No. 221, 2 in., Cast Brass.
1 No. 222, 2 in., Cast Bronze.
1 No. 210G, 2 in., Wrought Brass Case and Inside Parts, Galvanized Shackle.
1 No. 01, 1¾ in., Cast Gun Metal.
1 No. 50, 1½ in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 5441, 2 in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 99, 1¼ in., Cast Bronze Case and Shackle.
1 No. 1, 2¼ in., Cast Gun Metal.
1 No. 60, 2 in., Black Enameled Steel Case, Nickeled Shackle.
1 No. 5440, 2 in., Wrought Brass Throughout, Polished.
1 No. 999, 1½ in., Cast Bronze Case and Shackle.

All Above with Two Flat Steel Keys.
Weight Per Assortment About 5 Pounds.
One Card in a Box.

Padlock Assortment.

No. "Z–21" Assortment—One Dozen Assorted, Eight Styles, Mounted on Fancy Lithographed Show Card, 13x16 in., with Easel Back ..... Per Assortment of 1 Dozen **$4.00**

Contents of Assortment No. "Z–21."

2 No. 21, 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle.
2 No. 59050, 1⅞ in., Dipped Bright Brass Case, Brass Inside Parts, Black Enameled Malleable Shackle.
1 No. 555B, 2 in., Brass Plated Steel Case, Brass Plated Malleable Shackle.
1 No. 55B, 2 in., Brass Plated Steel Case, Brass Plated Malleable Shackle.
1 No. 72, 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle.
1 No. 572, 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle.
2 No. 55, 2 in., Black Enameled Steel Case, Nickel Plated Malleable Shackle.
2 No. 700B, 2 in., Brass Plated Steel Case, Brass Plated Malleable Shackle.

All Above with Two Keys.
Weight Per Assortment 4¾ Pounds.
One Card in a Box.

Numerical Index and Comparative Numbers

OF CHEST, DESK, DRAWER, WARDROBE, CUPBOARD AND TRUNK LOCKS.

Pritzlaff, Nos.	Eagle, Nos.	Yale, Nos.	Corbin, Nos.	Page, Nos.	Pritzlaff, Nos.	Eagle, Nos.	Yale, Nos.	Corbin, Nos.	Page, Nos.
9	9	S86	85	859	1816	1816	R300	592½	863
26	26	R468	628	862	01816	01816	RA300	0592½	863
33	33	RA461	0621	862	1848	1848	R360	699	863
42	42	SA21	01	858	01848	01848	RA360	0699	863
43	43	SA22	02	858	1850	1850	S290	137	861
45	45	SA24	03	858	1875¼	1875¼	W2¼	701B	865
46	46	RA460	0620	862	01876	01876	RA363	0650	863
57	57	P2	202	867	01877	01877	RA362	0649	863
64	64	S2	32	858	01896	01896	SA296	046	861
65	65	S30	9	858	01901	01901	RA395	0675	863
72	72	R466	626	864	1921	1921	R295	590	862
83	83	S8	38	858	01921	01921	RA295	0590	862
87	87	PA21	0221	863	1921½	1921½	R290	590¾	863
116	116	P5	205	867	1958	1958	PA96	0236	867
147	147	W50	726	865	01959	01959	PA95	0235	867
156	156	W20	715	865	1961	1961	S168	78	860
158	158	W44	723	865	01961	01961	SA168	078	860
160	160	S6	36	858	1977	1977	S89	88	859
161	161	R474	634	864	1984C	1984C	S208	47¾C	861
166	166	S4	34	858	1986	1986	W120	755	866
174	174	W52	712	865	2001	2001			860
175	175	S87	86	859	2003	2003			860
180	180	R475	635	864	2026	2026			866
197	197	S300	880	861	02126½	02126½	SA162	0142P	859
198	198	R112	463	862	2128C	2128C	S2240	58¾C	861
199	199	RA112	0463	862	03273	03273	5563S		863
203	203	S78	73	858	5241		5241		860
237	237	R108	457	862	5553		5553		864
309	02176			867	6001	6001	RA311	0601	862
310	02164			867	6001½	6001½	RA390	0601½	863
312	312	R2	411	864	6017	6017	R310	600	862
313	313	R1	410	864	6069½	6069½	SA166	0146P	860
350	350	P178	317	864	6071½	6071½	SA164	0144P	859
408	408	S120	109	859	6074	6074	WA103	0751	866
409	409	SA121	0110	859	6098	6098	WA102	0750	866
410	410	S117	106	859	7070	7070	S155	145	860
415¼	415¼	W3¼	702B	865	7074	7074	W103	751	866
425	425	S122	111	859	7098	7098	W102	750	866
427	427	S114	104	858	8093	8093	TS100J		869
454	454	R101	452	862	8117	8117	TS46J		869
467	467	S112	102	858	08198	08198	TS261A		869
500¼	500¼	W12¼	709B	865	08199	08199	TS255A		869
501	501	PA1	0201	867	8270	8270	TS74J		869
503	503	PA97	0260	867	8277	8277	TS82J		869
508	508	WA1	0700	865	8411½	8411½	TS502¾A		869
509	509	W1	700	865					
510	510	W7	704	865					
511		511		867					
521		521		860					
541		541		861					
563	563	R100	450	864					
0563	0563			862					
585	585	SA68	063	858					
963		963		864					
1055	1055	W100	749	866					
1056	1056	WA100	0749	866					
1242	1242	S274	67	861					

Chest Locks.

Cuts One-half Size

Brass Plate.

Per Dozen

No. 42—1¼ in. Single Link, 7/16 in. from Selvedge to Key Pin, 1 Iron Key.....**$1.25**

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Brass Plate.

Per Dozen

No. 43—1½ in., Single Link, 7/16 in. from Selvedge to Key Pin, 1 Iron Key.....**$1.25**

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

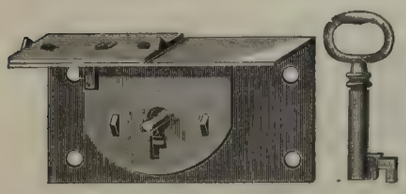
Brass Plate.

Per Dozen

No. 45—1¾ in., Single Link, ½ in. from Selvedge to Key Pin, 1 Iron Key.....**$1.60**

Weight Per Dozen About 5/8 Pound.

One Dozen in a Box.



Iron.

Per Dozen

No. 65—3 in., Single Link, 1 Ward, 1 3/8 in. from Selvedge to Key Pin, 3 Changes, 1 Iron Key **$2.50**

Weight Per Dozen 1¾ Pounds.

One Dozen in a Box.

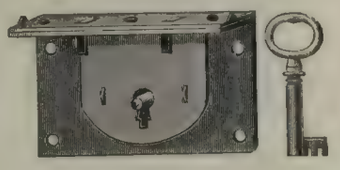
Iron.

Per Dozen

No. 64—2 in., Double Link, 1 Ward, ¾ in. from Selvedge to Key Pin, 1 Iron Key.....**$3.25**

Weight Per Dozen 1 1/8 Pounds.

One Dozen in a Box.



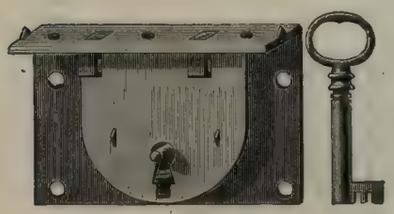
Iron.

Per Dozen

No. 166—2½ in., Double Link, 1 Ward, 1 3/8 in. from Selvedge to Key Pin, 4 Changes, 1 Iron Key **$3.50**

Weight Per Dozen 1½ Pounds.

One Dozen in a Box.



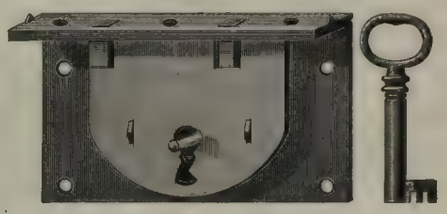
Iron.

Per Dozen

No. 160—3 in., Double Link, 1 Ward, 1 3/16 in. from Selvedge to Key Pin, 3 Changes, 1 Iron Key **$4.00**

Weight Per Dozen 2¾ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

No. 83—3½ in., Double Link, 1 Ward, 1¼ in. from Selvedge to Key Pin, 3 Changes, 1 Iron Key **$4.50**

Weight Per Dozen 3½ Pounds.

One Dozen in a Box.

Iron.

Per Dozen

No. 203—4 in., Double Link, 2 Secure Levers, Screwed, ½ in. from Selvedge to Key Pin, 1 Fine Flat Bow Key, All Different in a Dozen.....**$7.50**

Weight Per Dozen 4¾ Pounds.

One Dozen in a Box.

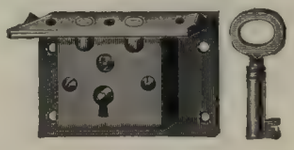
All Brass.

Per Dozen

No. 585—2 in., Double Link, Solid Square Box, 1 Secure Lever, 11/16 in. from Selvedge to Key Pin, 4 Changes, 1 Fine Flat Bow Brass Key.....**$5.00**

Weight Per Dozen 1 Pound.

One Dozen in a Box.



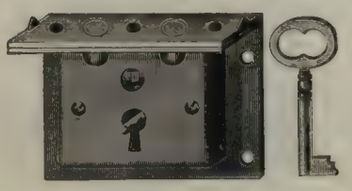
Iron.

Per Dozen

No. 467—2 in., Double Link, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, 11/16 in. from Selvedge to Key Pin, 1 Fine Flat Bow Key, All Different in a Dozen.**$5.50**

Weight Per Dozen 1⅛ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

No. 427—2½ in., Double Link, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, 1 3/8 in. from Selvedge to Pin, 1 Fine Flat Bow Key, All Different in a Dozen.....**$6.00**

Weight Per Dozen 2 Pounds.

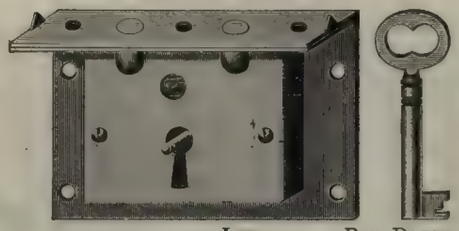
One Dozen in a Box.

Chest Locks.

Cuts One-half Size

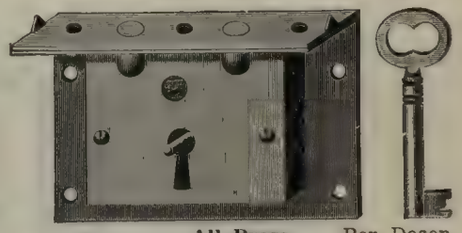
Iron. Per Dozen

No. 410—3 in., Double Link, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, 1 in. from Selvedge to Key Pin, 1 Fine Flat Bow Key, All Different in a Dozen.**$6.75**
Weight Per Dozen 3⅛ Pounds.
One Dozen in a Box.



Iron. Per Dozen

No. 408—3½ in., Double Link, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, 1⅛ in. from Selvedge to Key Pin, 1 Fine Flat Bow Key, All Different in a Dozen **$7.50**
Weight Per Dozen 4⅜ Pounds.
One Dozen in a Box.



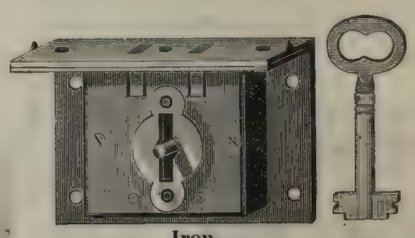
All Brass. Per Dozen

No. 409—3½ in., Double Link, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, 1⅛ in. from Selvedge to Key Pin, 1 Fine Flat Bow Key, All Different in a Dozen **$11.00**
Weight Per Dozen 4¾ Pounds.
One Dozen in a Box.

Iron.

Per Dozen

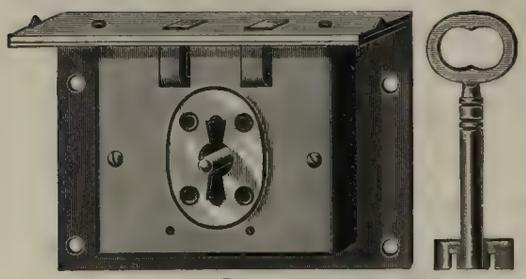
No. 425—4 in., Double Link, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, 1⅛ in. from Selvedge to Key Pin, 1 Fine Flat Bow Key, All Different in a Dozen.....**$9.50**
Weight Per Dozen 5¾ Pounds.
One Dozen in a Box.



Iron.

Per Dozen

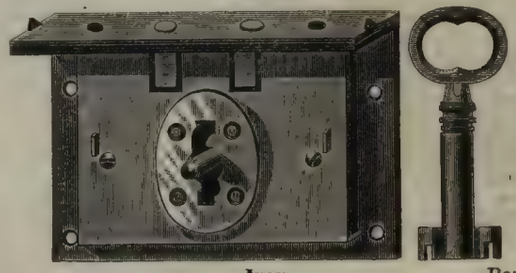
No. 1977—3 in., Double Link, Self-Locking Square Selvedge, Screwed, Brass Escutcheon, 4 Hook Tumblers, 2 Wards, 1 in. from Selvedge to Key Pin, 1 Double Bit Flat Bow Key, All Different in a Dozen **$8.50**
Weight Per Dozen 3½ Pounds.
One Dozen in a Box.



Iron.

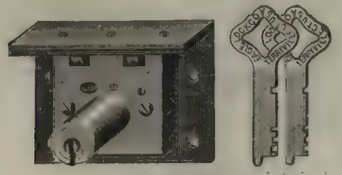
Per Dozen

No. 9—4 in., Double Link, Self-Locking Square Selvedge, Screwed, Brass Escutcheons, 4 Hook Tumblers, 2 Wards, 1⅜ in. from Selvedge to Key Pin, All Different in a Dozen.....**$10.00**
Weight Per Dozen 7½ Pounds.
One-half Dozen in a Box.



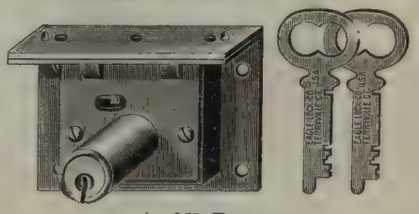
Iron. Per Dozen

No. 175—4 in., Double Link, Self-Locking, Square Selvedge, Screwed, Brass Escutcheons, Secret Wards, 1⅜ in. from Selvedge to Key Pin, 1 Plain Bow Double Bit Key, All Different in a Dozen **$11.25**
Weight Per Dozen 8 Pounds.
One-half Dozen in a Box.



All Brass. Per Dozen

No. 02126½—2 in., Double Link, Square Polished Selvedge, Screwed, 3 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Cylinder for ¾ in. Wood **$10.75**
Weight Per Dozen 1¾ Pounds.
One Dozen in a Box.

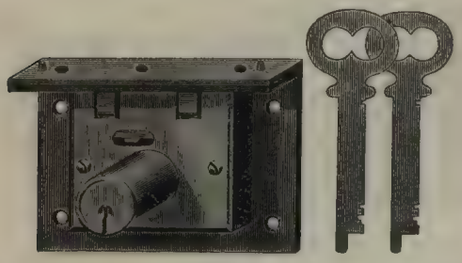


All Brass. Per Dozen

No. 6071½—2½ in., Double Link, Square Polished Selvedge, Screwed, 4 Secure Levers, 1 in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Cylinder for 1 in. Wood **$13.50**
Weight Per Dozen 3¼ Pounds.
One-half Dozen in a Box.

Chest Locks.

Cuts One-half Size



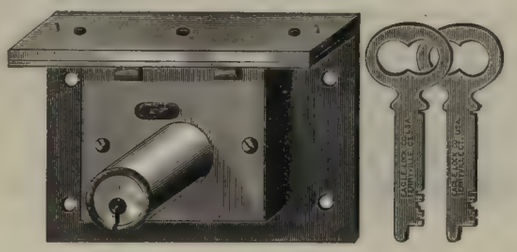
Iron.

Per Dozen

No. 7070—3 in., Double Link, Square Selvedge, Solid Square Box, Screwed, 4 Secure Levers, 1⅛ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Cylinder 3 Lengths in Each Dozen, for 1, 1¼ and 1½ in. Wood **$20.00**

Weight Per Dozen 4½ Pounds.

One-half Dozen in a Box.



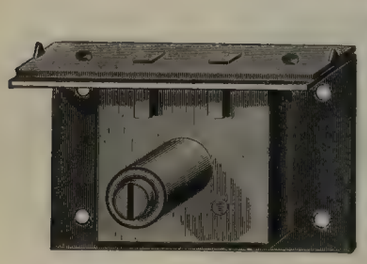
All Brass.

Per Dozen

No. 6069½—3½ in., Double Link, Square Polished, Selvedge, Screwed, 4 Secure Levers, 1¼ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Cylinder for 1 in. Wood **$17.00**

Weight Per Dozen 5¾ Pounds.

One-half Dozen in a Box.



Iron.

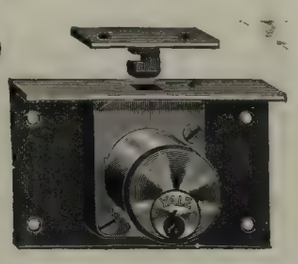
Per Dozen

No. 1961—3½ in., Double Link, Self-Locking, Solid Square Box, 4 Hook Tumblers, 2 Wards, 1⅛ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Cylinder for 1 in. Wood **$13.50**

No. 01961—All Brass, Otherwise Same as No. 1961..... **15.50**

Weight Per Dozen 6 Pounds.

One-half Dozen in a Box.



Yale Paracentric, All Brass.

Per Dozen

No. 5241—1⅞x3 in., Single Link, Square Selvedge, Screwed, 1 in. from Selvedge to Center of Key Cylinder, 2 Nickel Bronze Paracentric Keys, Changes Unlimited, 1⅛ in. Diameter of Cylinder, for ¾ in. Wood..... **$28.00**

Weight Per Dozen 6 Pounds.

One-twelfth Dozen in a Box.

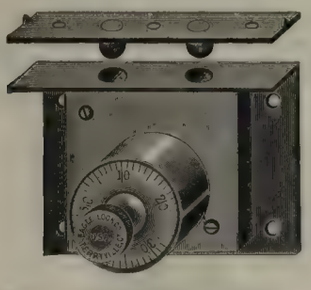
Yale Paracentric, All Brass.

Per Dozen

No. 521—2x4 in., Double Link, Square Selvedge, Screwed, 1¼ in. from Selvedge to Center of Key Cylinder, 2 Nickel Bronze Paracentric Keys, Changes Unlimited, 1⅛ in. Diameter of Cylinder, for 1¼ in. Wood..... **$43.50**

Weight Per Dozen 10 Pounds.

One-twelfth Dozen in a Box.



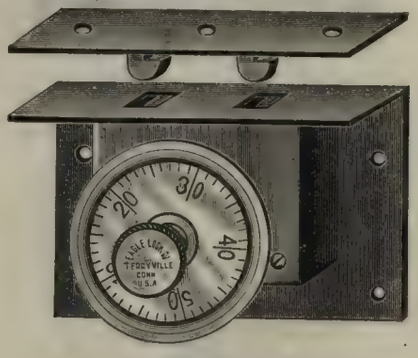
Eagle, Combination, All Brass.

Per Dozen

No. 2003—3 in., Double Link, Self-Locking, Square Selvedge, Solid Square Box, Screwed, 1⅜ in. from Selvedge to Center of Knob, Nickel Plated Knob and Dial, Combination Can be Changed without Removing Lock from Chest, 1,000 Changes Possible, for 1 in. Wood **$36.50**

Weight Per Dozen 6¾ Pounds.

One-twelfth Dozen in a Box.



Eagle, Combination, All Brass.

Per Dozen

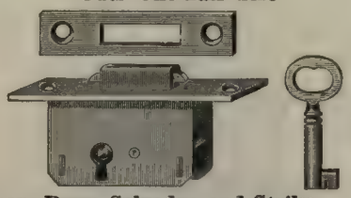
No. 2001—4 in., Double Link, Self-Locking, Square Selvedge, Solid Square Box, Screwed, 1⅜ in. from Selvedge to Center of Knob, Nickel Plated Knob and Dial, Combination Can be Changed without Removing Lock from Chest, 1,000 Changes Possible, Adjustable to Different Thicknesses of Wood from 1 to 1¾ in..... **$42.50**

Weight Per Dozen 11¼ Pounds.

One-twelfth Dozen in a Box.

Piano Locks.

Cuts One-half Size



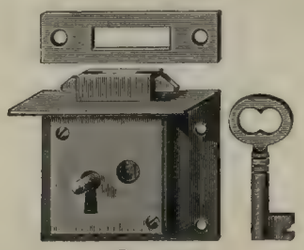
Iron, Brass Selvedge and Strike.

Per Dozen

No. 197—2½ in., Mortise, Double Hook Bolt, ⅝ in. from Selvedge to Key Pin, 1 Iron Key.....**$5.00**
Weight Per Dozen 1¼ Pounds.
One Dozen in a Box.

Desk Locks.

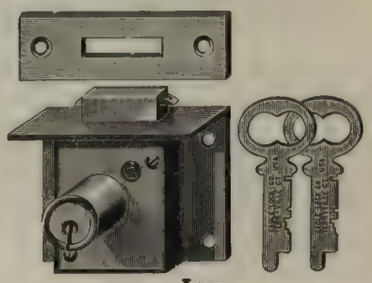
Cuts One-half Size



Iron.

Per Dozen

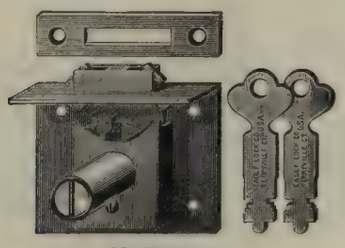
No. 1242—2 in., Double Hook Bolt, Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, ⅞ in. from Selvedge to Center of Key Pin, 1 Iron Key, All Different in a Dozen.....**$8.50**
Weight Per Dozen 1⅝ Pounds.
One Dozen in a Box.



Iron.

Per Dozen

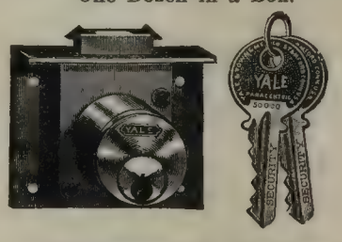
No. 1850—2 in., Brass Hook Bolt, Square Selvedge, Solid Square Box, Screwed, 3 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood.....**$9.00**
Weight Per Dozen 2⅛ Pounds.
One Dozen in a Box.



All Brass.

Per Dozen

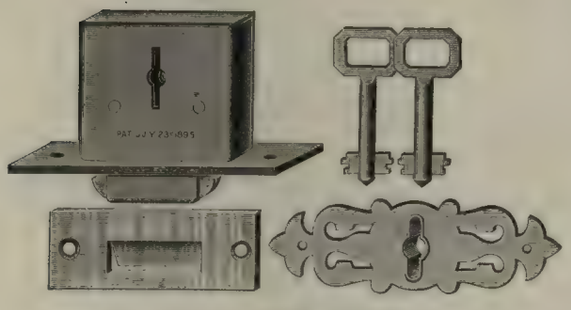
No. 01896—2 in., Hook Bolt, Square Selvedge, Screwed, 2 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys All Different in a Dozen, for ⅞ in. Wood.....**$10.00**
Weight Per Dozen 2⅛ Pounds.
One Dozen in a Box.



Yale Paracentric, All Brass.

Per Dozen

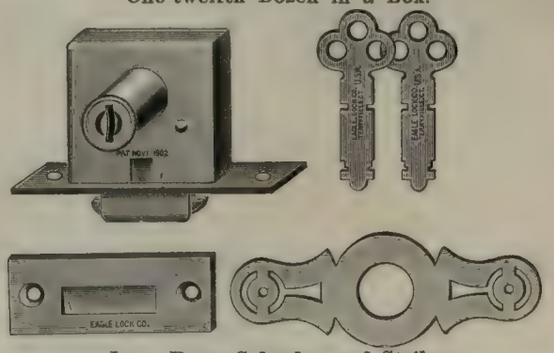
No. 541—1⅞x2¼ in., Double Hook Bolt, Square Selvedge, Solid Box, Screwed, 1 in. from Selvedge to Center of Key Cylinder, 2 Nickel Bronze Paracentric Keys, Changes Unlimited, 1⅛ in. Diameter of Cylinder, for ¾ in. Wood.....**$27.00**
Weight Per Dozen 6 Pounds.
One-twelfth Dozen in a Box.



Iron, Brass Selvedge and Strike.

Per Dozen

No. 1984C—3 in., Mortise, Self-Locking, Solid Square Iron Box, Screwed, 4 Secure Hook Tumblers, 1 Ward, 1 in. from Selvedge to Key Pin, Brass Self-Closing Strike, Wrought Brass Escutcheon, 2 Nickel Plated Steel Keys, All Different in a Dozen.....**$9.00**
Weight Per Dozen 3¾ Pounds.
One Dozen in a Box, with Screws.



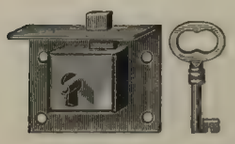
Iron, Brass Selvedge and Strike.

Per Dozen

No. 2128C—3¼ in., Mortise, Self-Locking, Solid Square Iron Box, Screwed, 6 Secure Brass Hook Tumblers, 1 in. from Selvedge to Center of Key Cylinder, Brass Self-Closing Strike, Wrought Gilt Escutcheons, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for 1½ in. Desk Rail.....**$14.00**
Weight Per Dozen 5⅛ Pounds.
One-half Dozen in a Box, with Screws.

Drawer or Till Locks.

Cuts One-half Size



Brass Plate.

Per Dozen

No. 46—1½ in., Back Spring, $\frac{9}{16}$ in. from Selvedge to Key Pin, 1 Iron Key.....**$1.25**

Weight Per Dozen $\frac{9}{16}$ Pound.

One Dozen in a Box.

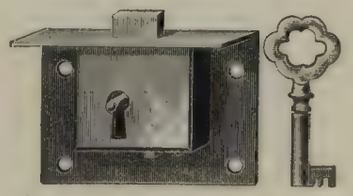
Brass Plate.

Per Dozen

No. 33—1¾ in., Back Spring, $\frac{9}{16}$ in. from Selvedge to Key Pin, 1 Iron Key.....**$1.60**

Weight Per Dozen ⅝ Pound.

One Dozen in a Box.



Iron.

Per Dozen

No. 26-3K—2½ in., Back Spring, $\frac{11}{16}$ in. from Selvedge to Key Pin, 3 Iron Keys to the Dozen **$1.00**

No. 26-12K—As Above, **12 Keys to the Dozen** **1.40**

Weight (12 Key) Per Dozen 1⅜ Lbs.

One Dozen in a Box.

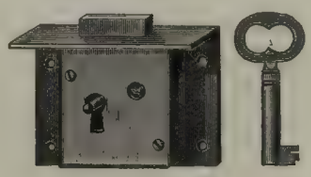
Iron.

Per Dozen

No. 0563—1½ in., Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, ½ in. from Selvedge to Key Pin, 1 Iron Key, All Different in a Dozen.....**$5.00**

Weight Per Dozen ¾ Pound.

One Dozen in a Box.



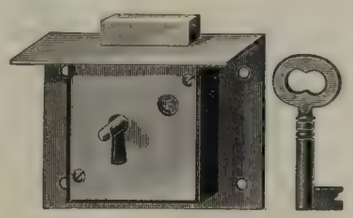
Iron.

Per Dozen

No. 454—2 in., Square Selvedge, Solid Square Box, Screwed, 2 Secure Levers, ⅝ in. from Selvedge to Key Pin, 1 Iron Key, All Different in a Dozen **$5.00**

Weight Per Dozen 1½ Pounds.

One Dozen in a Box.



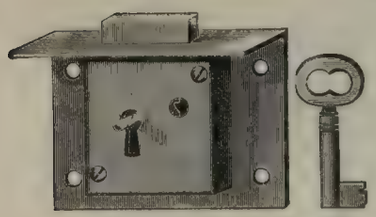
Iron.

Per Dozen

No. 237—2½ in., Square Selvedge, Solid Square Box, Screwed, Broad Heavy Bolt, 2 Secure Levers, ⅞ in. from Selvedge to Key Pin, 1 Iron Key, All Different in a Dozen **$5.50**

Weight Per Dozen 2$\frac{1}{16}$ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

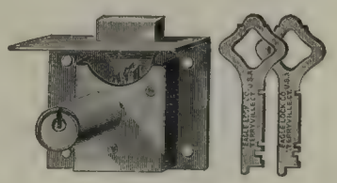
No. 198—2¾ in., Square Selvedge, Solid Square Box. Screwed, Broad Heavy Bolt 2 Secure Levers, ⅞ in. from Selvedge to Key Pin, 1 Iron Key, All Different in a Dozen **$6.00**

Brass Plate. Per Dozen

No. 199—2¾ in., Square Selvedge, Solid Square Box, Screwed, Broad Heavy Bolt, 2 Secure Levers, ⅞ in. from Selvedge to Key Pin, 1 Iron Key, All Different in a Dozen **$7.50**

Weight Per Dozen 2¼ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

No. 1921—1¾ in., Broad Heavy Bolt, 2 Secure Levers, ¾ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$4.50**

All Brass. Per Dozen

No. 01921—1¾ in., Broad Heavy Bolt, 2 Secure Levers, ¾ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$5.75**

Weight Per Dozen 1½ Pounds.

One Dozen in a Box.

Iron.

Per Dozen

No. 6017—2¼ in., Square Selvedge, Solid Square Box, Screwed, Broad Heavy Bolt, 3 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood.....**$9.00**

All Brass. Per Dozen

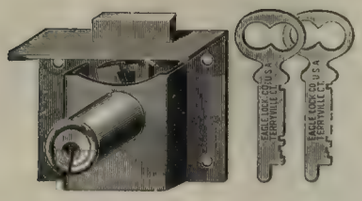
No. 6001—2¼ in., Square Selvedge, Solid Square Box, Screwed, Broad Heavy Bolt, 3 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood....**$10.00**

Weight Per Dozen 2¾ Pounds.

One Dozen in a Box.

Drawer or Till Locks.

Cuts One-half Size



Iron, Brass Bolt.

Per Dozen

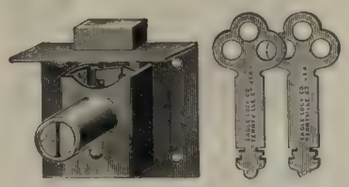
No. 1816—2 in. Broad Bolt, 2 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood.**$6.00**

All Brass. Per Dozen

No. 01816—2 in., Same Description as No. 1816.....**$7.00**

Weight Per Dozen 2 Pounds.

One Dozen in a Box.



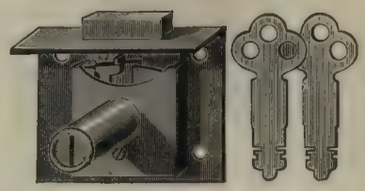
All Brass.

Per Dozen

No. 01877—1¾ in. Broad Bolt, 2 Secure Levers, ¾ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood.**$6.75**

Weight Per Dozen 2 Pounds.

One Dozen in a Box.



All Brass.

Per Dozen

No. 01876—2 in. Square Selvedge, Broad Heavy Bolt, Screwed, 2 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$8.00**

Weight Per Dozen 2 Pounds.

One Dozen in a Box.

Brass.

Per Dozen

No. 01901—2 in., 3 Tumblers, 1 in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$8.00**

Weight Per Dozen 2¼ Pounds.

One Dozen in a Box.

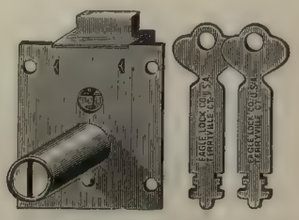
Brass.

Per Dozen

No. 87—2¼ in., 3 Tumbler, with Guard Plate Over Tumbler, 1⅛ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood...**$16.00**

Weight Per Dozen 3¼ Pounds.

One-half Dozen in a Box.



Iron. Per Dozen

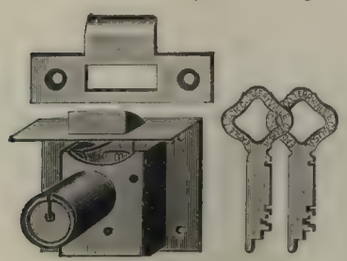
No. 1848—1¾ in., 2 Secure Levers, 1⅛ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood.....**$4.50**

All Brass. Per Dozen

No. 01848—1¾ in., Same Description as No. 1848.....**$5.50**

Weight Per Dozen 2 Pounds.

One Dozen in a Box.



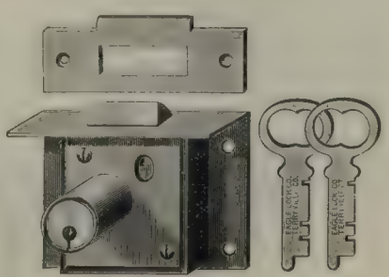
Iron.

Per Dozen

No. 1921½—1¾ in., Cast Brass Latch Bolt, Brass Strike, 2 Secure Levers, ¾ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$6.75**

Weight Per Dozen 1¾ Pounds.

One Dozen in a Box.



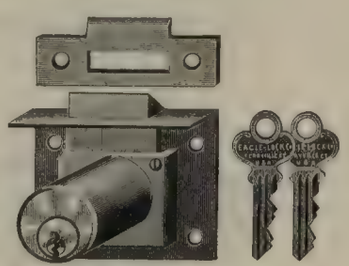
All Brass.

Per Dozen

No. 6001½—2¼ in., Cast Bronze Latch Bolt, Square Selvedge, Solid Square Box, Screwed, Brass Strike, 3 Secure Levers, ⅞ in. from Selvedge to Center of Key Cylinder, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$13.00**

Weight Per Dozen 3¼ Pounds.

One Dozen in a Box.



Pin Tumbler, All Brass.

Per Dozen

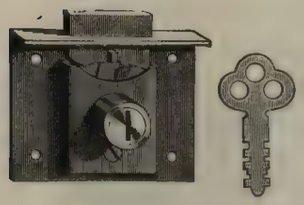
No. 03273—2 in., Square Selvedge, Broad Heavy Cast Brass Latch Bolt, Screwed, Brass Strike, 1 in. from Selvedge to Center of Key Cylinder, Diameter of Cylinder ⅞ in., 2 Gold Plated German Silver Keys, Changes Unlimited, for ⅞ in. Wood.**$24.50**

Weight Per Dozen 4½ Pounds.

One-twelfth Dozen in a Box.

Drawer or Till Locks.

Cuts One-half Size



Yale Standard, All Brass.

Per Dozen

No. 963—1⅝x2 in., Square Selvedge, Solid Box, Screwed, Broad Heavy Bolt, 2 Secure Levers, ⅞ in. from Selvedge to Center of Nose, 2 Nickel Plated Flat Steel Keys, 12 Changes, for ¾ in. Wood...**$8.50**

Weight Per Dozen 2¼ Pounds.

One Dozen in a Box.

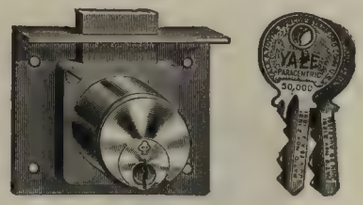
Yale, Pin Tumbler, All Brass.

Per Dozen

No. 5553—1½x2 in., Square Selvedge, Solid Box, Screwed, Broad Heavy Bolt, ¾ in. from Selvedge to Center of Cylinder, Diameter of Cylinder ⅞ in., 2 Nickel Bronze Paracentric Keys, Changes Unlimited, for ⅞ in. Wood **$20.00**

Weight Per Dozen 4¼ Pounds.

One-twelfth Dozen in a Box.



Yale, Pin Tumbler, All Brass.

Per Dozen

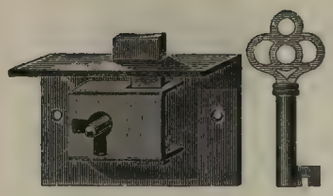
No. 563—1⅞x2¼ in., Square Selvedge, Solid Box, Screwed, Broad Heavy Bolt, 1 in. from Selvedge to Center of Cylinder, Nickel Plated Cylinder, Diameter 1⅛ in., 2 Nickel Bronze Paracentric Keys, Changes Unlimited, for ⅞ in. Wood...**$24.00**

Weight Per Dozen 6 Pounds.

One-twelfth Dozen in a Box.

Drawer or Cupboard Locks.

Cuts One-half Size



Iron.

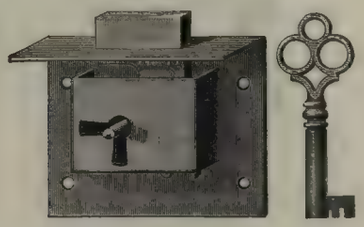
Per Dozen

No. 72-3K—2¼ in., Back Spring, Double Keyhole, ⅝ in. from Selvedge to Key Pin, 3 Keys to the Dozen.....**$0.70**
Weight Per Dozen ⅞ Pound.

No. 72-12K—2¼ in., 12 Keys to the Dozen **1.15**

Weight Per Dozen 1 Pound.

One Dozen in a Box.



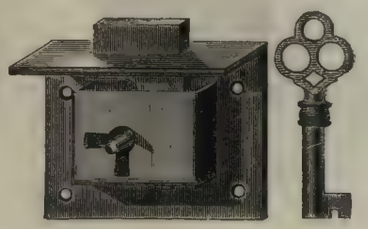
Iron.

Per Dozen

No. 161-3K—2½ in., Broad Bolt, Back Spring, Double Keyhole, ⅞ in. from Selvedge to Key Pin, 3 Keys to the Dozen **$1.50**
Weight Per Dozen 1½ Pounds.

No. 161-12K—2½ in., 12 Keys to the Dozen **2.00**
Weight Per Dozen 1¾ Pounds.

One Dozen in a Box.



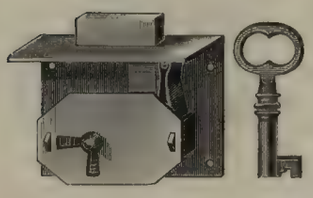
Iron.

Per Dozen

No. 180—2½ in., Square Brass Selvedge, 1 Ward, Broad Bolt, Back Spring, Double Keyhole, ⅞ in. from Selvedge to Key Pin, 12 Keys to the Dozen **$2.60**

Weight Per Dozen 1¾ Pounds.

One Dozen in a Box.



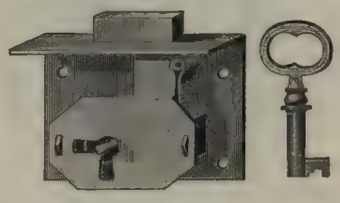
Iron.

Per Dozen

No. 313—2 in., Broad Heavy Bolt, Tumbler and Ward, Double Keyhole, 1⅛ in. from Selvedge to Key Pin, 1 Iron Key **$3.00**

Weight Per Dozen 1½ Pounds.

One Dozen in a Box.



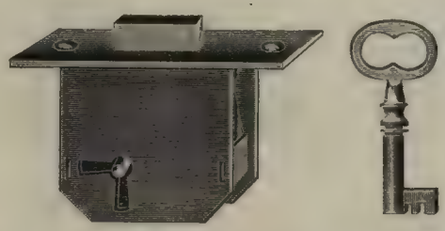
Iron.

Per Dozen

No. 312—2¼ in., Broad Heavy Bolt, Tumbler and Ward, Double Keyhole, 1⅛ in. from Selvedge to Key Pin, 1 Iron Key **$3.50**

Weight Per Dozen 1½ Pounds.

One Dozen in a Box.



Mortise, Iron.

Per Dozen

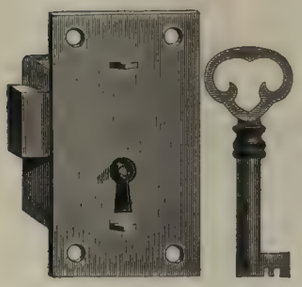
No. 350—3 in., Brass Selvedge, Broad Heavy Bolt, 1 Tumbler, 1 Ward, 1¼ in. from Selvedge to Key Pin, 1 Iron Key **$5.50**

Weight Per Dozen 2⅛ Pounds.

One Dozen in a Box.

Wardrobe Locks.

Cuts One-half Size



Iron.

Per Dozen

No. 510—3x1¾ in., Solid Square Box, 1 Tumbler, Broad Iron Bolt, Shoots Right and Left, 1 Iron Key $1.00

Weight Per Dozen 2½ Pounds.

One Dozen in a Box.

Iron.

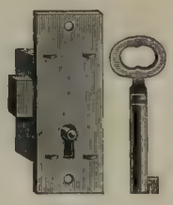
Per Dozen

No. 415¼—2½x1¼ in., Solid Square Box, 1 Tumbler, Broad Iron Bolt, Shoots Right and Left, 1 Iron Key.. $0.80

No. 1875¼—2x1 in., Otherwise Same as No. 415¼..... .80

Weight Per Dozen 1⅜ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

No. 509—1⅞ x ¾ in., Solid Square Box, Broad Bolt, Shoots Right and Left, 1 Iron Key $2.50

Brass. Per Dozen

No. 508—1⅞x¾ in., Same as No. 509 ..... $3.50

Weight Per Dozen ¾ Pound.

One Dozen in a Box.

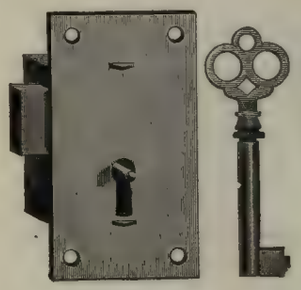
Iron.

Per Dozen

No. 500¼ — 3½ x 2 in., Solid Square Box, Tumbler and Ward, Broad Bolt, Shoots Right and Left, 1 Iron Key.. $1.75

Weight Per Dozen 3 Pounds.

One Dozen in a Box.



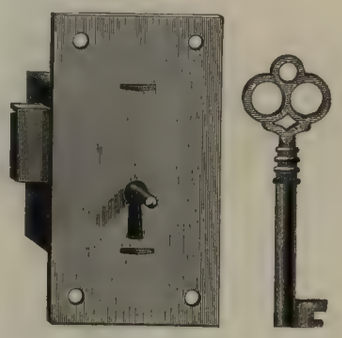
Iron.

Per Dozen

No. 158—3x1¾ in., Solid Square Box, Broad Heavy Iron Bolt, Shoots Right and Left, 2 Secure Levers, 1 Iron Key, All Different in a Dozen..... $5.50

Weight Per Dozen 2½ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

No. 174—3½x2 in., Solid Square Box, Broad Iron Bolt, Shoots Right and Left, 2 Secure Levers, 1 Iron Key, All Different in a Dozen..... $3.75

Weight Per Dozen 3½ Pounds.

One Dozen in a Box.

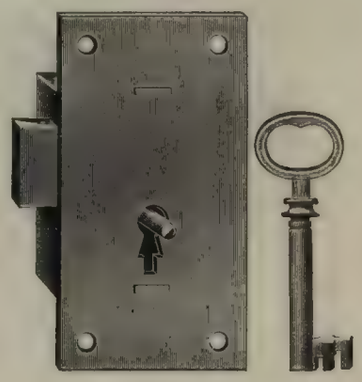
Iron.

Per Dozen

No. 147—3½x2 in., Solid Square Box, Screwed, Brass Bolt, Shoots Right and Left, 2 Secure Levers, 1 Iron Key, All Different in a Dozen..... $8.00

Weight Per Dozen 3¼ Pounds.

One Dozen in a Box.



Iron.

Per Dozen

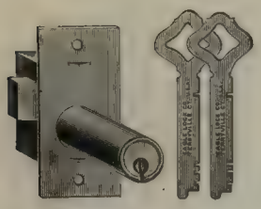
No. 156—4x2¼ in., Solid Square Box, Broad Iron Bolt, Shoots Right and Left, 1 Tumbler and Ward, 1 Iron Key $5.00

Weight Per Dozen 4 Pounds.

One Dozen in a Box.

Wardrobe Locks.

Cuts One-half Size



Iron, Brass Bolt.

Per Dozen

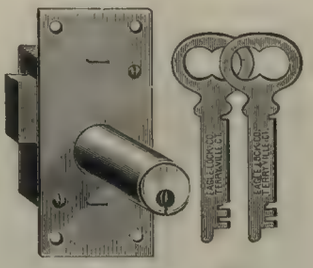
No. 1055—1¾x⅞ in., Solid Square Box, Brass Bolt, Shoots Right and Left, 2 Secure Levers, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ¾ in. Wood.....**$7.25**

All Brass. Per Dozen

No. 1056—1¾x⅞ in., Same as No. 1055.....**$9.00**

Weight Per Dozen 1⅝ Pounds.

One Dozen in a Box.



Iron, Brass Bolt.

Per Dozen

No. 7098—2¾x1¼ in., Solid Square Box, Screwed, Broad Heavy Bolt, Shoots Right and Left, 2 Secure Levers, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood **$10.00**

All Brass. Per Dozen

No. 6098—2¾x1¼ in., Same as No. 7098.....**$11.00**

Weight Per Dozen 2⅝ Pounds.

One Dozen in a Box.

Iron, Brass Bolt.

Per Dozen

No. 7074—3x1¾ in., Solid Square Box, Broad Heavy Bolt, Shoots Right and Left, 2 Secure Levers, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Brass Cylinders, 3 Lengths in a Dozen, for ⅞, 1 and 1⅛ in. Wood **$11.75**

Weight Per Dozen 3⅛ Pounds.

One Dozen in a Box.

All Brass.

Per Dozen

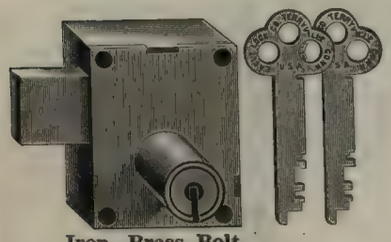
No. 6074—3x1¾ in., Solid Square Box, Screwed, Broad Heavy Bolt, Shoots Right and Left, 2 Secure Levers, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, Cylinders 3 Lengths in a Dozen, for ⅞, 1 and 1⅛ in. Wood **$12.00**

Weight Per Dozen 3¼ Pounds.

One Dozen in a Box.

Locker Locks.

Cuts One-half Size



Iron, Brass Bolt.

Per Dozen

No. 1986—2x1¾ in., Solid Square Box, Heavy Bolt, Shoots Right and Left, 5 Secure Levers, 2 Nickel Plated Flat Steel Keys, All Different in a Dozen, for ⅞ in. Wood.....**$11.75**

No. 1986M—2x1¾ in., **Master Keyed**, Otherwise Same as No. 1986 ..... **13.50**

Weight Per Dozen 4¾ Pounds.

One-half Dozen in a Box.

Each

Master Keys—For Above **$0.80**

Cut Shows Right Hand Lock.

Eagle Combination, Iron.

Per Dozen

No. 2026—3x2 in., Brass Plated, Click Combination, Solid Square Box, Screwed, Broad Heavy Bolt, Nickel Plated Dial and Knob, 1¼ in. from Selvedge to Center of Knob, Suitable for Wood Less than ½ in. Thick, Combination Can be Changed without Removing Lock from Door **$21.00**

Weight Per Dozen 7¼ Pounds.

One-twelfth Dozen in a Box.

Cupboard Locks.

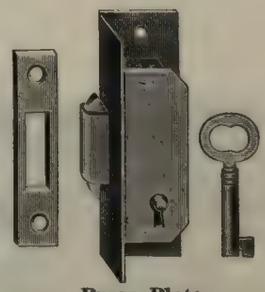
Cuts One-half Size

Mortise, Brass Selvedge.

Per Dozen

No. 1958—3 in., Double Hook Bolt, Brass Strike, 1 Tumbler, ½ in. from Selvedge to Key Pin, 1 Iron Key **$5.50**

Weight Per Dozen 1½ Pounds.
One Dozen in a Box.



Brass Plate.

Per Dozen

No. 01959—2¾ in., Square Selvedge, Double Hook Bolt, Brass Strike, 1 Tumbler, ½ in. from Selvedge to Key Pin, 1 Iron Key..... **$6.00**

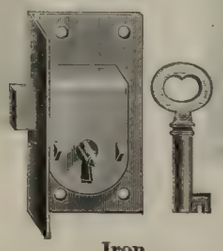
Weight Per Dozen 1½ Pounds.
One Dozen in a Box.

Brass.

Per Dozen

No. 503—2 in., Square Selvedge, Solid Square Box, Screwed, 1 Secure Lever, 4 Changes, ⅜ in. from Selvedge to Key Pin, 1 Iron Key..... **$6.75**

Weight Per Dozen 1 Pound.
One Dozen in a Box.



Iron.

Per Dozen

No. 57—2¼ in., Back Spring, $\frac{5}{16}$ in. from Selvedge to Key Pin **$1.25**

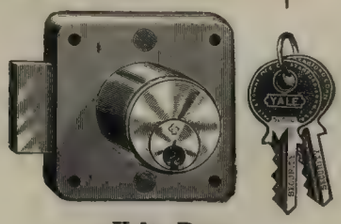
Weight Per Dozen 1 Pound.
One Dozen in a Box.

Iron.

Per Dozen

No. 116—3 in., Broad Bolt, 1 Ward, Back Spring, $\frac{11}{16}$ in. from Selvedge to Key Pin, 1 Iron Key **$2.25**

Weight Per Dozen 1¾ Pounds.
One Dozen in a Box.

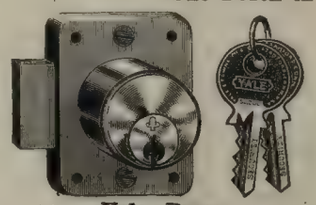


Yale, Brass.

Per Dozen

No. 511—2½x1½ in., Screwed, Broad Heavy Brass Bolt, Reversible, for Right or Left Hand Doors, 1 in. from Selvedge to Center of Cylinder, 1⅛ in. Diameter Cylinder, 2 Nickel Bronze Paracentric Keys, Changes Unlimited, for ¾ in. Wood..... **$29.00**

Weight Per Dozen 6 Pounds.
One-twelfth Dozen in a Box.



Yale, Brass.

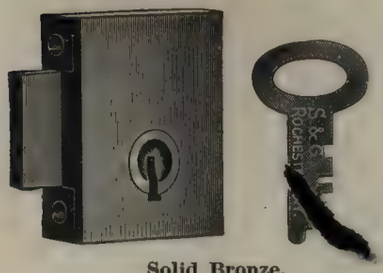
Per Dozen

No. 501—2x2 in., Screwed, Broad Heavy Brass Bolt, Reversible, for Right or Left Hand Doors, 1 in. from Selvedge to Center of Cylinder, 1⅛ in. Diameter Cylinder, 2 Nickel Bronze Paracentric Keys, Changes Unlimited, for ⅞ in. Wood **$30.50**

Weight Per Dozen 6 Pounds.
One-twelfth Dozen in a Box.

Wicket Locks.

Cuts Full Size



Solid Bronze.

Per Dozen

No. 309—1¼x1x⅜ in., 2 Tumblers, Extension Dead Bolt, for ¼ in. Channel Bar, for Grille Doors, 2 Flat German Silver Keys, 12 Changes.... **$10.00**

Weight Per Dozen 2 Pounds.
One Dozen in a Box.

Solid Bronze.

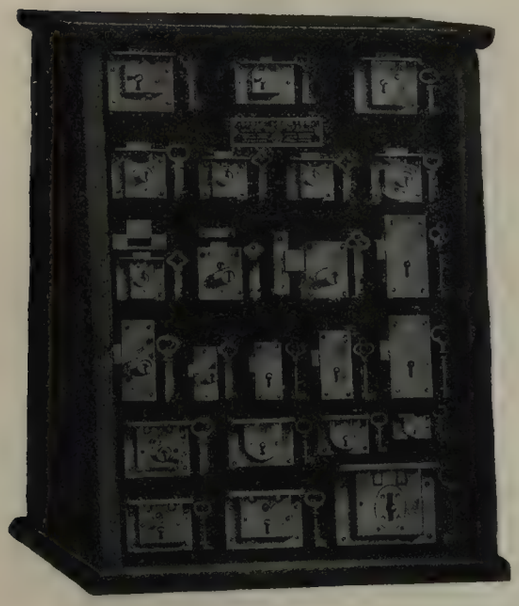
Per Dozen

No. 310—1½x1$\frac{7}{16}$x$\frac{7}{16}$ in., 2 Tumblers, Extension Spring Latch Bolt, for ¼ in. Channel Bar, for Grille Doors, 2 Flat German Silver Keys, 12 Changes **$12.50**

Weight Per Dozen 2 Pounds.
One Dozen in a Box.

Cabinet Lock Display and Stock Cabinet.

EAGLE



Front View.

Rear View.

This Cabinet is Neat and Convenient, Nicely Finished and on the Front are Mounted Twenty-three Styles of Cabinet Locks, Making an Attractive Show Case.

Per Assortment

No. 180 Assortment—Size of Cabinet 19 in. High, 16 in. Wide, 11½ in. Deep, with 11 5/12 Dozen Assorted Cabinet Locks in 23 Styles, to Retail from 10 to 75 Cents Each..... **$45.00**

Contents of Assortment.

1 1/12 Dozen	No. 161	Drawer Locks	Retail at 15 Cents Each	Total,	$1.95
1 1/12 Dozen	No. 72	Drawer Locks	Retail at 10 Cents Each	Total,	1.30
¼ Dozen	No. 237	Drawer Locks	Retail at 35 Cents Each	Total,	1.05
¼ Dozen	No. 01816	Drawer Locks	Retail at 40 Cents Each	Total,	1.20
¼ Dozen	No. 1921	Drawer Locks	Retail at 25 Cents Each	Total,	.75
¼ Dozen	No. 01921	Drawer Locks	Retail at 35 Cents Each	Total,	1.05
¼ Dozen	No. 01901	Drawer Locks	Retail at 50 Cents Each	Total,	1.50
¼ Dozen	No. 1921½	Drawer Locks	Retail at 40 Cents Each	Total,	1.20
¼ Dozen	No. 01848	Drawer Locks	Retail at 35 Cents Each	Total,	1.05
¼ Dozen	No. 1986	Locker Locks	Retail at 75 Cents Each	Total,	2.25
¼ Dozen	No. 158	Wardrobe Locks	Retail at 35 Cents Each	Total,	1.05
¼ Dozen	No. 6098	Wardrobe Locks	Retail at 60 Cents Each	Total,	1.80
¼ Dozen	No. 1055	Wardrobe Locks	Retail at 45 Cents Each	Total,	1.35
1 1/12 Dozen	No. 1875¼	Wardrobe Locks	Retail at 10 Cents Each	Total,	1.30
1 1/12 Dozen	No. 415¼	Wardrobe Locks	Retail at 10 Cents Each	Total,	1.30
1 1/12 Dozen	No. 510	Wardrobe Locks	Retail at 15 Cents Each	Total,	1.95
¼ Dozen	No. 6071½	Chest Locks	Retail at 75 Cents Each	Total,	2.25
7/12 Dozen	No. 166	Chest Locks	Retail at 25 Cents Each	Total,	1.75
7/12 Dozen	No. 64	Chest Locks	Retail at 20 Cents Each	Total,	1.40
1 1/12 Dozen	No. 43	Chest Locks	Retail at 10 Cents Each	Total,	1.30
¼ Dozen	No. 427	Chest Locks	Retail at 35 Cents Each	Total,	1.05
¼ Dozen	No. 410	Chest Locks	Retail at 40 Cents Each	Total,	1.20
¼ Dozen	No. 9	Chest Locks	Retail at 60 Cents Each	Total,	1.80
11 5/12 Dozen.		Total			$32.80

One of Each of Above Locks is Mounted on the Front of the Cabinet.

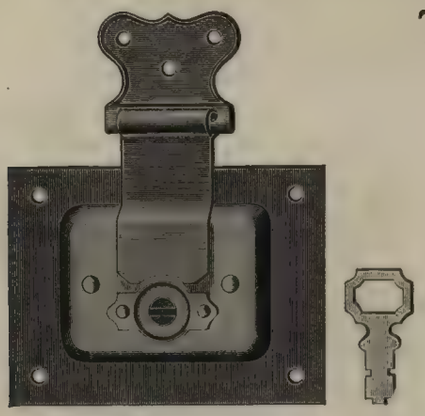
All Locks in Assortment are Illustrated and Described in the Preceding Pages.

Weight Per Case 63 Pounds.

One Assortment in a Case.

Trunk Locks.

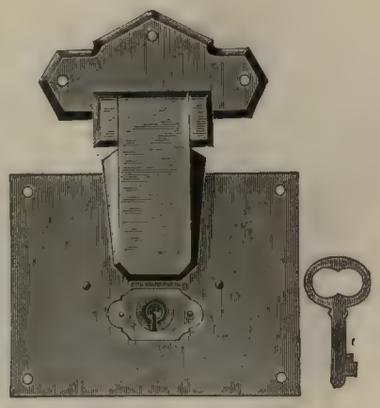
Cuts One-half Size



Iron, Black Japanned.

Per Dozen

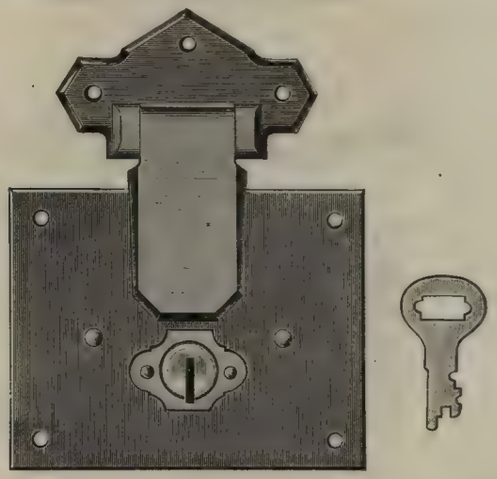
No. 8117—3½ in., Tin Escutcheon, 1 Flat Steel Double Bitted Key **$1.75**
Weight Per Dozen 2¾ Pounds.



Iron, Black Japanned.

Per Dozen

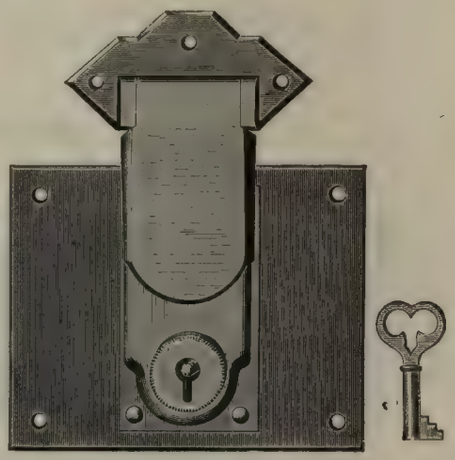
No. 8270—3¼ in., Solid Spring Hasp, Brass Escutcheon, 1 Flat Steel Key **$1.75**
Weight Per Dozen 2¾ Pounds.



Iron, Black Japanned.

Per Dozen

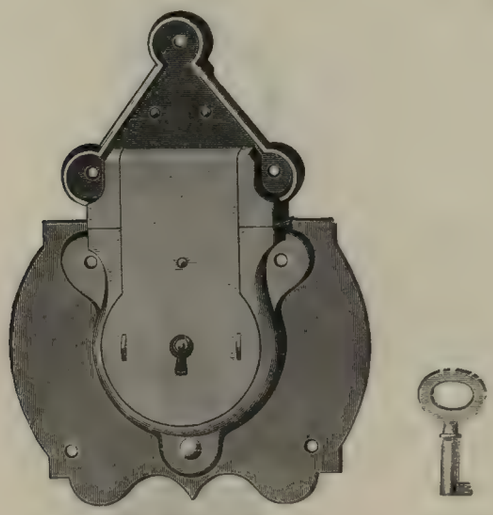
No. 8277—4 in., Solid Spring Hasp, Brass Escutcheon, 1 Flat Steel Key..... **$2.25**
Weight Per Dozen 4¼ Pounds.



Iron, Black Japanned.

Per Dozen

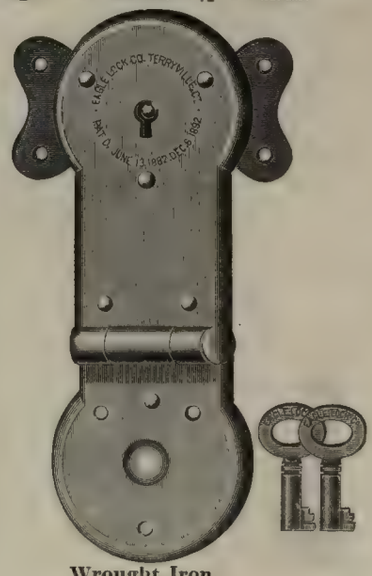
No. 8093—4 in., Heavy Spring Stop Hasp, Brass Escutcheon, 1 Iron Key, 3 Changes in a Dozen. **$2.75**
Weight Per Dozen 4¾ Pounds.



Wrought Iron.

Per Dozen

No. 08199—4 in., Brass Plated, Unpolished, Guard Cup, 1 Iron Key, Weight Per Dozen 6¾ Lbs.... **$3.00**
No. 08198—5 in., Brass Plated, Guard Cup, 1 Iron Key, Weight Per Dozen 7⅛ Lbs..... **4.00**



Wrought Iron.

Per Dozen

No. 8411½—6½ in., Brass Plated, Guard Cup, 2 Secure Levers, 2 Iron Keys, 4 Changes in a Dozen **$4.50**
Weight Per Dozen 6 Pounds.

All Above. One Dozen in a Box.

Trunk Keys.

Per Gross

No. 5197—Assorted, Flat Steel **$2.25**

Weight Per Gross 1 Pound.

One-quarter Gross in a Box.

No. 270. No. 178.

Per Gross

No. 270—Flat Steel, for Lock No. 270, Weight Per Gross 1 Pound **$2.25**

One-quarter Gross in a Box.

No. 178—Iron Bow, for Locks Nos. 0199 and 0198, Weight Per Gross 2 Lbs. **4.50**

One Gross in a Box.

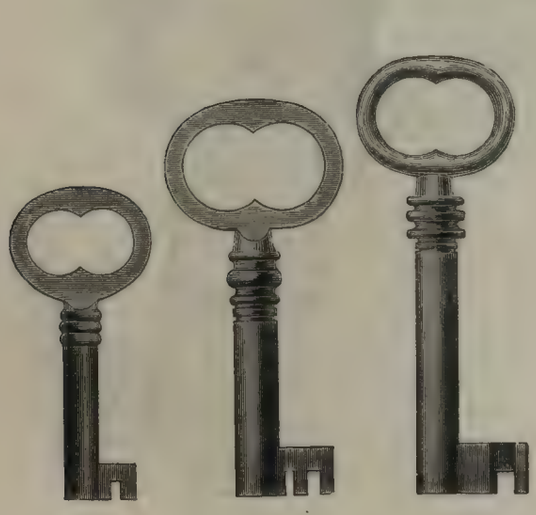
Per Gross

No. 5077—Assorted, Bright Iron, Trunk Keys Nos. 5077, 8410, 8412, 28, 29, 30, 31, AA, BB, CC..... **$5.00**

Weight Per Gross 2 Pounds.

One-quarter Gross in a Box.

Chest Keys.



Per Gross

No. 5183—Single Bit, Assorted, Bright Iron..... **$5.75**

Weight Per Gross 2 Pounds.

One-half Gross in a Box.

Per Gross

No. 9—Double Bit, Bright Iron, Blank..... **$12.00**

Weight Per Gross 6 Pounds.

One-half Gross in a Box.

Cupboard, Cabinet and Till Keys.

No. 26.

No. 72.

No. 510.

No. 5069.

Per Gross

No. 26—For No. 26 Drawer Locks, Bright Iron.....**$3.50**
No. 72—For No. 72 Drawer Locks, Bright Iron..... **2.75**

Weight Per Gross About 4 Pounds.

One-quarter Gross in a Box.

Per Gross

No. 510—For No. 510 Wardrobe Locks, Bright Iron...**$3.75**
Weight Per Gross About 4 Pounds.
One-quarter Gross in a Box.

Per Dozen

No. 5069—For No. 963 Yale Drawer Locks.....**$1.10**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.

No. 5188 Assortment.

No. 5187 Assortment.

No. 5186 Assortment.

Per Gross

No. 5188—Cupboard, Bright Iron, Assorted.....**$5.50**
No. 5187—Cabinet, Bright Iron, Assorted..... **5.50**
Weight Per Gross About 3 Pounds.
One-half Gross in a Box.

Per Gross

No. 5186—Till, Bright Iron, Assorted.....**$4.50**
Weight Per Gross About 3 Pounds.
One-half Gross in a Box.

Bag Keys

Per Gross

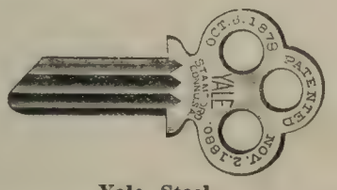
No. 5199—Bag Keys, Bright Iron, Assorted.....**$4.25**
Weight Per Gross 2 Pounds.
One-half Gross in a Box.

Padlock Key Blanks.

Cuts Full Size

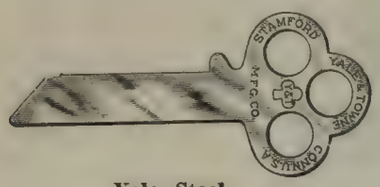
Yale, Steel.

Per Dozen
No. 16—Nickel Plated, for Padlock No. 743S.....**$0.90**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.



Yale, Steel.

Per Dozen
No. 6—Nickel Plated, for Padlock No. 745S.....**$0.90**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.

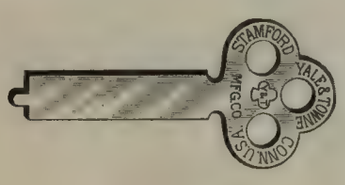


Yale, Steel.

Per Dozen
No. 3½—Nickeled, for Padlocks Nos. 805F and 805½F.**$0.45**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.

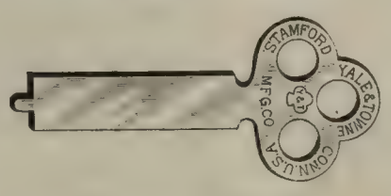
Yale, Steel.

Per Dozen
No. 664—For Padlocks Nos. 645J and 645C.....**$0.25**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.



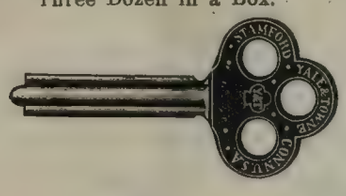
Yale, Steel.

Per Dozen
No. 77—For Padlock No. 563.....**$0.75**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.



Yale, Steel.

Per Dozen
No. 78—For Padlock No. 565 .....**$0.75**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.

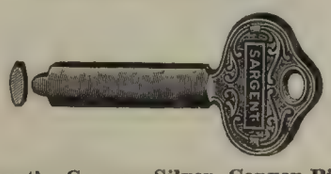


Yale, Steel.

Per Dozen
No. 87—For Padlocks Nos. 833, 833½, 843 and 843½.**$1.00**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.

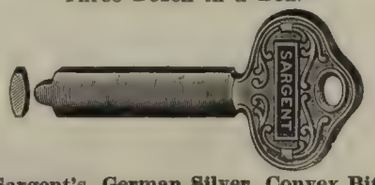
Yale, Steel.

Per Dozen
No. 88—For Padlocks Nos. 853, 853½, 863 and 863½.**$1.00**
Weight Per Dozen ⅜ Pound.
Three Dozen in a Box.



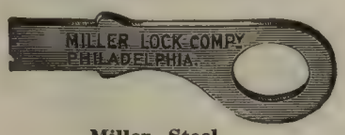
Sargent's, German Silver, Convex Bit.

Per Dozen
No. 50—For Padlocks Nos. 650, 652 and 653.....**$1.00**
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.



Sargent's, German Silver, Convex Bit.

Per Dozen
No. 54—For Padlocks Nos. 654 and 655.....**$1.00**
Weight Per Dozen ⅜ Pound.
Three Dozen in a Box.



Miller, Steel.

Per Dozen
No. 1—For Champion 6 Lever Padlocks.....**$0.90**
No. 3—Master Key Blanks, for Champion 6 Lever Padlocks ..... .90
Weight Per Dozen ¼ Pound.
Three Dozen in a Box.

Padlock Keys.

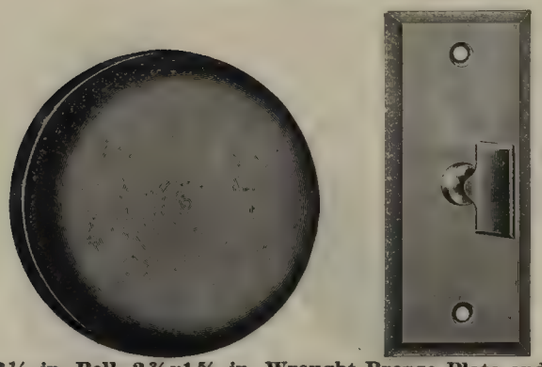
Per Gross
No. 100—Common, Bright Iron **$1.75**
Weight Per Gross 2 Pounds.
One-half Gross in a Box.

Door Bells.

Cuts One-half Size

ROTARY MOVEMENT

STIRLING DESIGN

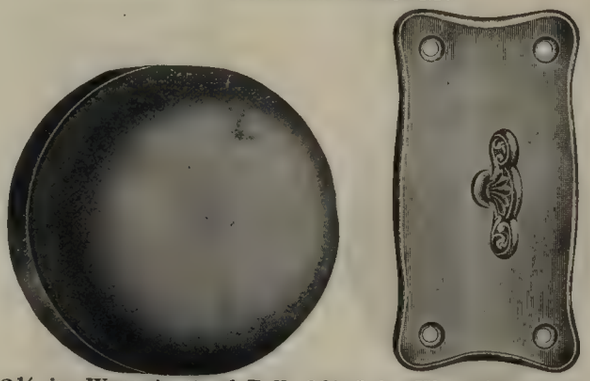


3½ in. Bell, 3¾x1⅝ in. Wrought Bronze Plate and Turn Knob.

	Per Dozen
No. 1331/OC—Old Copper Finish, with Wrought Steel Bell	$ 8.00
No. 1331/DB—Dull Brass Finish, with Wrought Steel Bell	8.00
No. 1331/OC—Old Copper Finish, with Wrought Brass Bell	15.00

Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box, with Screws.

DOUGLAS DESIGN

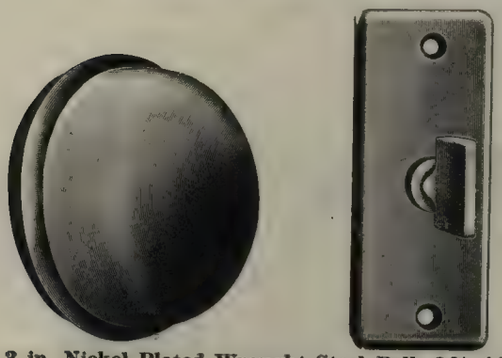


3½ in. Wrought Steel Bell, 3¾x2 in. Wrought Bronze Plate and Turn Knob.

	Per Dozen
No. 1531/OC—Old Copper Finish	$8.00
No. 1531/DB—Dull Brass Finish	8.00

Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box, with Screws.

ROTARY MOVEMENT



3 in. Nickel Plated Wrought Steel Bell, 3¾x1⅛ in. Wrought Bronze Plate and Turn Knob.

	Per Dozen
No. 1231/OC—Old Copper Finish	$6.75

Weight Per Dozen About 15 Pounds.
One-twelfth Dozen in a Box, with Screws.

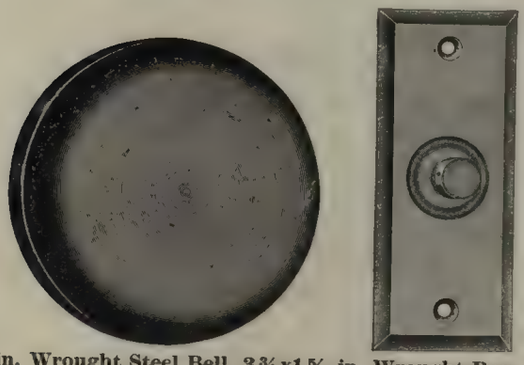
3 in. Nickel Plated Bell, 4x1½ in. Wrought Bronze Plate and Turn Knob.

	Per Dozen
No. 1961/OC—Old Copper Finish, with Bell Metal Bell	$9.00
No. 1931/OC—Old Copper Finish, with Wrought Steel Bell	6.75

Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box, with Screws.

PUSH BUTTON, CONTINUOUS RING, ELECTRIC STROKE

STIRLING DESIGN

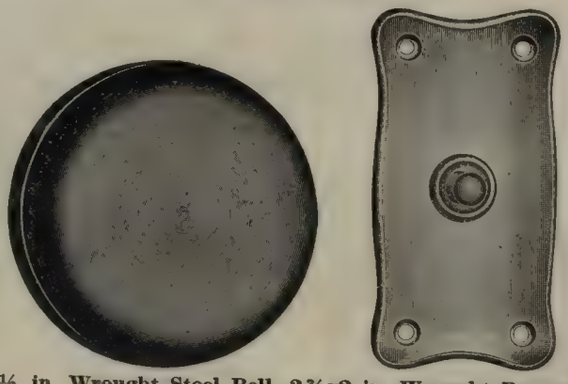


3½ in. Wrought Steel Bell, 3¾x1⅝ in. Wrought Bronze Push Button Plate.

	Per Dozen
No. 1341/OC—Old Copper Finish	$13.50
No. 1341/DB—Dull Brass Finish	13.50

Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box, with Screws.

DOUGLAS DESIGN



3½ in. Wrought Steel Bell, 3¾x2 in. Wrought Bronze Push Button Plate.

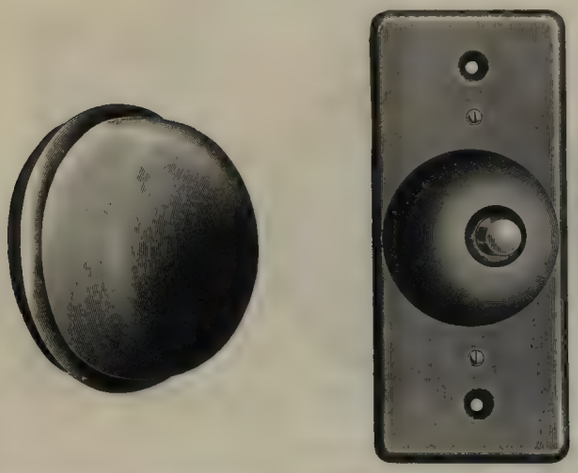
	Per Dozen
No. 1541/OC—Old Copper Finish	$13.50
No. 1541/DB—Dull Brass Finish	13.50

Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box, with Screws.

Door Bells.

Cuts One-half Size

PUSH BUTTON ELECTRIC STROKE, ROTARY MOVEMENT

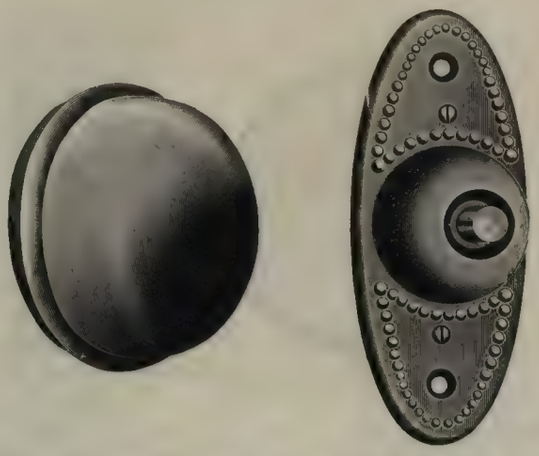


3 in. Wrought Steel Bell, 4¾x2 in. Wrought Bronze Push Button Plate.

	Per Dozen
No. 1221/OC—Old Copper Finish	$10.00
No. 1221/DB—Dull Brass Finish	10.00

Weight Per Dozen About 10 Pounds.

One-twelfth Dozen in a Box, with Screws.



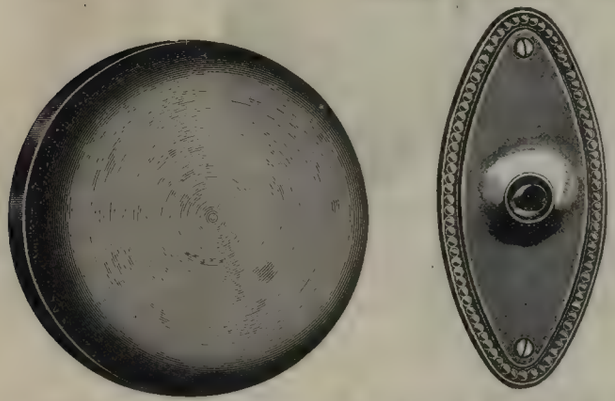
3 in. Nickel Plated Wrought Steel Bell, 5x2⅛ in. Wrought Bronze Push Button Plate.

	Per Dozen
No. 1921/OC—Old Copper Finish	$10.00
No. 1921/DB—Dull Brass Finish	10.00

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box, with Screws.

PUSH BUTTON CLOCK SPRING WIND

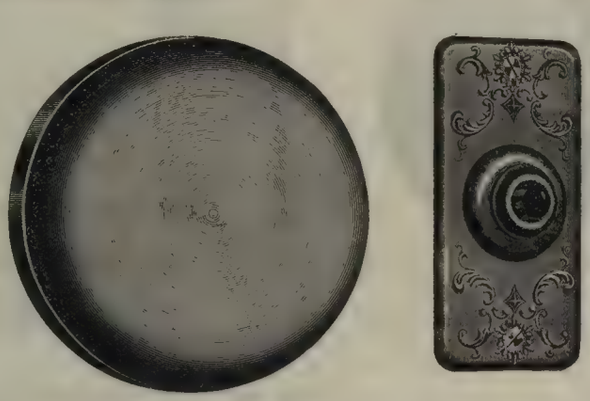


3½ in. Nickel Plated Bell Metal Bell, 4¾x2⅛ in. Wrought Bronze Push Button Plate.

	Per Dozen
No. 3670/OC—Old Copper Finish	$14.50
No. 3670/DB—Dull Brass Finish	14.50

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box, with Screws.



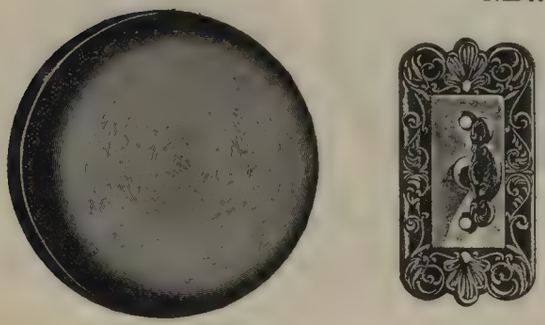
3½ in. Nickel Plated Bell Metal Bell, 3¾x1⅞ in. Wrought Bronze Push Button Plate.

	Per Dozen
No. 3570/OC—Old Copper Finish	$14.50

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box, with Screws.

NEW DEPARTURE ROTARY



3 in. Nickel Plated Bell, 3½x1¾ in. Wrought Bronze Plate and Turn Knob.

	Per Dozen
No. 3241/OC—Old Copper Finish	$6.75

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Alarm Bells.

Automatic Alarm.

Per Dozen

No. 126—3 in. Nickel Plated Bell.....$10.00

As a Burglar Alarm this Bell is specially valuable. It never fails to work. Being small, it is not objectionable when on the door.

Weight Per Dozen About 6 Pounds.

One-twelfth Dozen in a Box.

Yankee Alarm.

Per Dozen

No. 125—4 in. Bronzed Steel Gong, Cast Iron Japanned Base and Striking Plate.....$6.75

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box.

Gong Bells.

Yankee Trip Gong.

Bronzed Steel Gong, Cast Iron Japanned Base.

No.	120
Inches	4
Weight Per Dozen, Lbs.	12
Per Dozen	$6.25

One-twelfth Dozen in a Box.

Barton's Trip Gong.

Bronzed Steel Gong, Cast Iron Japanned Frame.

Nos.	104	105	106
Inches	4	5	6
Weight Per Dozen, Lbs.	12	21	27
Per Dozen	$5.75	8.00	11.25

Silver White Gong, Cast Iron Japanned Frame.

Nos.	204	205	206
Inches	4	5	6
Weight Per Dozen, Lbs.	12	21	30
Per Dozen	$12.50	17.00	24.50

One-twelfth Dozen in a Box.

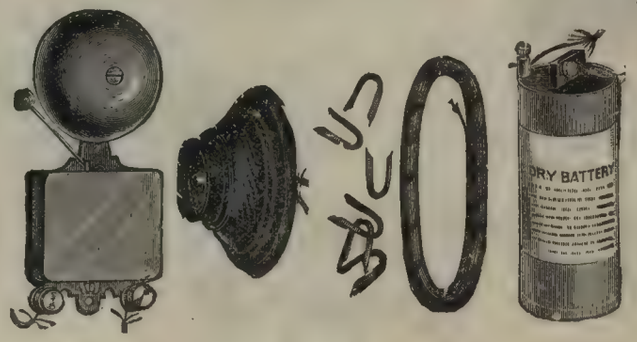
Electric Bell Sets.

Per Set

No. X16—3 in. Nickel Plated Bell, Iron Box, Bronze Metal Push Button, 1 Le Clanche Disque Battery, 75 ft. Insulated Wire, Screws, Staples and Tape.....$2.25

Weight Per Set About 8 Pounds.

One Set in a Box.



Per Set

No. 50—2½ in. Nickel Plated Bell, Iron Box, Polished Hardwood Push Button, 1 Blue Seal Dry Battery, 50 ft. Insulated Wire, Staples and Tape..$1.50

Weight Per Set About 6 Pounds.

One Set in a Box.

Dry Batteries.

No. 2460.

EVEREADY

Each

No. 2460—2½x6¾ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, and All Work Requiring High Amperage, Amperage About 20, Voltage 1.5, Weight Each About 2¼ Pounds.
In Lots Less than 12 ..... $0.55
In Lots 12 to 49 .....
In Keg Lots of 50 .....
In Barrel Lots of 125 .....

No. 2465—2½x6¾ in., Square, for Automobile, Motor Boat and Gas Engine Ignition, and All Work Requiring High Amperage, Amperage About 20, Voltage 1.5, Weight Each About 2¼ Pounds.
In Lots Less than 12 ..... $0.55
In Lots 12 to 49 .....
In Keg Lots of 50 .....
In Barrel Lots of 125 .....

50 in a Keg, 125 in a Barrel.

No. 2465.

RED SEAL

No. 2445.

Each

No. 2445—2½x6¾ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 2 Pounds.
In Lots Less than 12 ..... $0.55
In Lots 12 to 49 .....
In Keg Lots of 50 .....
In Barrel Lots of 125 .....

50 in a Keg, 125 in a Barrel.

Each

No. 2446—3x7½ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 3¾ Lbs. $0.75
In Barrel Lots of 50 .....

50 in a Barrel.

Each

No. 2447—3½x8½ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 5 Lbs. $1.00
In Barrel Lots of 50 .....

50 in a Barrel.

Each

No. 2448—2½x6¾ in., Square, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 2 Pounds.
In Lots Less than 12 ..... $0.55
In Lots 12 to 49 .....
In Keg Lots of 50 .....
In Barrel Lots of 125 .....

50 in a Keg, 125 in a Barrel.

No. 2448.

Dry Batteries.

BLUE SEAL

Each

No. 2010—2½x6¾ in., Round, for Operation of Telephones, Call Bells and Other Open Circuit Intermittent Apparatus, Amperage Above 15, Voltage 1.50, Weight Each About 1¼ Lbs. $0.32

125 in a Barrel.

Battery Connectors.

PERFECTION

Per 100

No. 25—5¼ in. Long, Brass Spring End Clips $4.45
Weight Per Box 2 Pounds.
100 in a Box.

Battery Connectors.

QUICK ACTION

Per 100

No. 1—⅜x4 in., Soft Copper, Insulated, Open Ends, Weight Per 100, ¾ Lbs. $1.75
100 in a Box.

BULL DOG

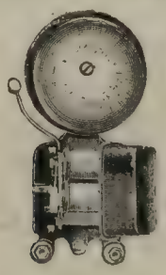
Per Box

No. 1026—4¼ in. Long, Extra Heavy, Brass Spring End Clips $0.60

10 in a Box. Weight Per Box ⅛ Pound.

To attach, take off the screws of the binding posts and slip the connection over. This cannot jar loose, yet can be changed in an instant.

Electric Bells.



Each

No. 1845—Nonpareil, 2½ in. Nickel Plated Bell, Japanned Iron Box, Weight Each ½ Lb.....$0.55
No. 1846—Nonpareil, 3 in. Nickel Plated Bell, Japanned Iron Box, Weight Each ⅝ Lb..... .60
One in a Box.

Base Switch.

Each

No. 1606—1 Point, 2¼ in. Diameter, Round Base, Hardwood $0.30
Weight Per Dozen About ¾ Pound.
Open Stock.

Push Buttons.

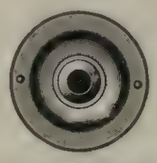
2⅛ in. Diameter.

Each

No. 5—Polished Hardwood, for Electric Bell Sets.....$0.15

Weight Per Dozen ¾ Pound.

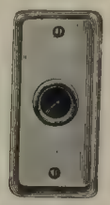
Twelve in a Box.



2¼ in. Diameter.
Stamped Metal, Highly Polished, for Electric Bell Sets.

Each

No. 13/OC—Old Copper Finish..$0.25
No. 13/DB—Dull Brass Finish.. .25
Weight Per Dozen About 1½ Pounds.
Twelve in a Box.



3¼x1½ in.
Wrought Bronze, for Electric Bell Sets.

Each

No. 1215/OC—Old Copper Finish $0.70
No. 1215/DB—Dull Brass Finish ..... .70
Weight Per Dozen 2 Pounds.
One in a Box, with Screws.

Door Openers.

Each

No. 3161—Junior Mortise Door Opener, Size of Mortise 3½x1x2¼ in., Cast Bronze Frame and Base Plate, with Push-Out Spring, Weight Each 1¼ Lbs.....$3.75

This Door Opener is used in place of Latch Striking Plate and is mortised in Door Frame.

One in a Box.

Door Springs.

Cut One-half Size

Each

No. 1567—Open Circuit Door Springs $0.35

Weight Each About ¼ Pound.

Open Stock.

Door Trips.

Cut One-half Size

Each

No. 1570—2 in. Door Trip.....$0.80
Weight Each About ¼ Pound.

For use over Store Doors to announce entrance of customer. Rings signal when door passes trip, but is silent when open or in closing door.

Open Stock.

Insulated Wire.

Per Pound

No. 18—In 1 Lb. Coils.....$0.65
No. 18—On 6 to 8 Lb. Spools..... .63

Electricians' Staples.

Coppered.

Inches	½	⅝
Per Pound	$0.27	.25

One Pound in a Paper.

Splicing Tape.

Per Pound

No. 4743—Splicing Tape in ½ Lb. Rolls $0.90
No. 20—Dutch Brand, Pure Friction Tape, for Splicing Insulated Wire, in ¼ Lb. Rolls.. 1.40

Pocket Ammeters.

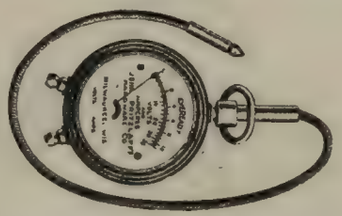
Each

No. 1002—2 in. Diameter, ½ in. Thick, Range of Ammeter is 0 to 35 Amperes, Nickel Plated, Hardened and Polished Pivots, Flexible Cord Attached to Upper Contact.....**$1.75**

Weight Each About ½ Pound.

One in a Carton.

Pocket Volt Ammeters.



Each

No. 1003—2 in. Diameter, ½ in. Thick, Range of Volt-Ammeter is 0 to 35 Amperes and 0 to 10 Volts, Nickel Plated, Hardened and Polished Pivots, Flexible Cord Attached to Upper Contact.....**$2.25**

Weight Each About ½ Pound.

One in a Carton.

Spark Plugs.

STERLING

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 2—Sterling, Porcelain, with Screw Top.....**$0.60**

Weight Each About ½ Pound.

One in a Box.

STERLING

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 3—Sterling, Mica, with Screw Top.....**$0.80**

Weight Each About ½ Pound.

One in a Box.

FORD SPECIAL

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 4—Ford Special, ½ in. Extra Long Body, Porcelain.....**$0.80**

Weight Each About ½ Pound.

One in a Box.

Spark Plugs.

HORNET

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 6—Hornet, Porcelain, Brass Nut, Spring Steel Washer, Nickel Alloy Steel Firing Pins, Screw Top.....**$0.40**

Weight Each About ½ Pound.

One in a Box.

Pistol Flash Light.

EVER READY

See Note at Bottom of Page.

With Tungsten Battery and Mazda Bulb.

Each

No. 2675—3x3⅝ in. Over All, Two Piece Metal Case, Gun Metal Finish, Butt is Hinged at Bottom, Contact is Made by Pulling Trigger.....**$2.00**

Weight Each About ⅜ Pound.

To open the case for insertion or withdrawal of Battery or Lamp, the sight must be depressed, which releases a catch on the interior of the barrel.

Each

No. 750—Renewal Battery for Above.....**$0.40**

No. 1180—Mazda Bulb for Above..... **.22**

One in a Box.

NOTE—Owing to changes made after this section of the catalog went to press, we were unable to illustrate our entire line of Flash Lights here. For complete line see pages 1968 to 1971.

Flash Lights.

EVER READY

See Note at Bottom of Page.

No. 2602.

No. 2627.

Tubular Tungsten Flashlights, with Tungsten Batteries and Mazda Bulb.

Slide Switch.

Size 1¼x5 in. — Each

No. 2602—Vulcanized Fibre Case, Complete.....$1.35
Weight Each About ⅜ Pound.

No. 791—Renewal Tungsten Battery for Above..... .40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above.. .22

Size 1½x6½ in. — Each

No. 2604—Vulcanized Fibre Case, Complete.....$1.65
Weight Each About ¾ Pound.

No. 790—Renewal Tungsten Battery for Above..... .40
No. 1198—Renewal Mazda Bulbs, 2.9 Volts, for Above. .22

Size 1½x8½ in. — Each

No. 2606—Leatherette Covered Case, Complete.....$1.65
No. 2612—Vulcanized Fibre Case, Complete..... 1.90
Weight Each About ⅞ Pounds.

No. 705—Renewal Tungsten Battery for Above..... .55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above. .22

Slide Switch.

Size 1½x13 in. — Each

No. 2615—Vulcanized Fibre Case, Complete.....$2.95
Weight Each About 1⅜ Pounds.

No. 715—Renewal Tungsten Battery for Above..... .95
No. 1195—Renewal Mazda Bulb, 6.2 Volts, for Above. .22

No. 6971.

Vest Pocket Flashlight with Tungsten Battery and Mazda Bulb.

Size 1/16x1¼x2½ in. — Each

No. 6970—Brass Case, Nickel Plated, Complete.....$1.20
Weight Each About ¼ Pound.

No. 700—Renewal Tungsten Battery for Above..... .40
No. 1179—Renewal Mazda Bulb, 2.5 Volts, for Above. .22

Size ¾x1⅜x2⅞ in. — Each

No. 6971—Brass Case, Nickel Plated, Complete.....$1.20
Weight Each About ¼ Pound.

No. 750—Renewal Tungsten Battery for Above..... .40
No. 1180—Renewal Mazda Bulb, 2.5 Volts, for Above. .22

Size ¾x2x2⅞ in. — Each

No. 6972—Brass Case, Nickel Plated, Complete.....$1.50
Weight Each About ⅜ Pound.

No. 751—Renewal Tungsten Battery for Above..... .55
No. 1181—Renewal Mazda Bulb, 3.8 Volts, for Above. .22

Spring Switch.

Size 1½x6½ in. — Each

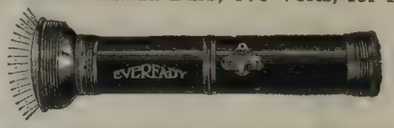
No. 2625—Alligator Cloth Case, Complete.....$1.25
No. 2625B—Black Cloth Covered Case, Complete..... 1.25
Weight Each About ⅝ Pound.

No. 790—Renewal Tungsten Battery for Above.... .40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above .22

Size 1½x8½ in. — Each

No. 2626—Cloth Covered Case, Complete.....$1.35
No. 2627—Enameled Metal Case, Complete..... 1.20
Weight Each About ⅞ Pound.

No. 705—Renewal Tungsten Battery for Above..... .55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above. .22



Miners' Tungsten Flashlights, with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

Size 1½x6½ in. — Each

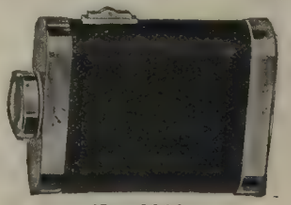
No. 2616—Vulcanized Fibre Case, Complete.....$2.00
Weight Each About ⅞ Pound.

No. 790—Renewal Tungsten Battery, for Above..... .40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above. .22

Size 1½x8½ in. — Each

No. 2619—Vulcanized Fibre Case, Complete.....$2.25
Weight Each About 1 Pound.

No. 705—Renewal Tungsten Battery for Above..... .55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above. .22



No. 6909.

Vest Pocket and Coat Pocket Flashlights, with Tungsten Battery and Mazda Bulbs.

Size 1x1⅞x3½ in. — Each

No. 6902—2½ Volt Lamp, Cloth Covered Case, Complete $1.35
Weight Each About ⅜ Pound.

No. 792—Renewal Tungsten Battery for Above..... .40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above. .22

Size 1x2¾x3½ in. — Each

No. 6909—3½ Volt Lamp, Vulcanized Fibre Case, Complete $2.00
Weight Each About ½ Pound.

No. 703—Renewal Tungsten Battery for Above..... .55
No. 1190—Renewal Mazda Bulb, 3.8 Volts, for Above. .22

Size 1⅛x2¼x5 in. — Each

No. 1991—2½ Volt Lamp, Cloth Covered Case, Complete $1.70
Weight Each About ⅝ Pound.

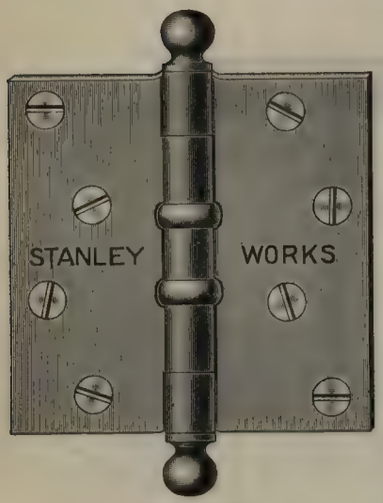
No. 793—Renewal Tungsten Battery for Above..... .50
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above. .22

All Above One in a Carton.

NOTE—Owing to changes made after this section of the catalog went to press, we were unable to illustrate our entire line of Flash Lights here. For complete line see pages 1968 to 1971.

Ball Bearing Butts.

LOOSE PIN, REVERSIBLE



No. BB239.
One-half Size Cut of 4x4 in.

Wrought Steel, Ball Tips.

No. BB239/L—Light Natural Finish.

Inches	4x4	4½x4½	5x5	6x6
Weight Per Pair, Lbs.	1¾	2¼	3	4½
Per Pair	$1.80	2.00	2.25	2.70

No. BB239/OC—Old Copper Finish.

Inches	4x4	4½x4½	5x5	6x6
Per Pair	$1.85	2.10	2.35	2.80

No. BB239/DB—Dull Brass Finish.

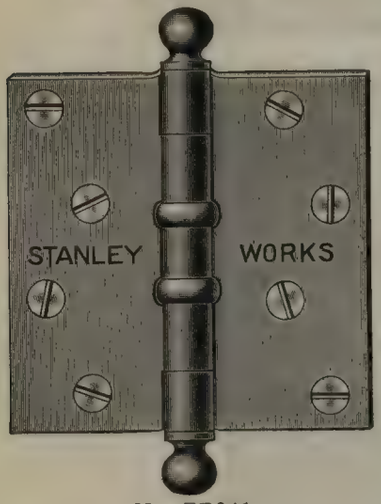
Inches	4x4	4½x4½	5x5	6x6
Per Pair	$1.85	2.10	2.35	2.80

No. BB239/DBS—Dull Brass, Sand Blast Finish.

Inches	4x4	4½x4½	5x5	6x6
Per Pair	$1.90	2.15	2.40	2.85

No. BB239/EB—Electro Plated Dead Black.

Inches	4x4	4½x4½	5x5	6x6
Per Pair	$1.95	2.20	2.40	2.90



No. BB241.
One-half Size Cut of 4x4 in.

Wrought Steel, Ball Tips.

No. BB241/OC—Old Copper Finish.

Inches	3x3	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Weight Per Pair, Lbs.	1	1⅜	1¾	2¼	3	3¾	4½
Per Pair	$1.15	1.20	1.30	1.45	1.60	1.80	2.00

No. BB241/DB—Dull Brass Finish.

Inches	3x3	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$1.15	1.20	1.30	1.45	1.60	1.80	2.00

No. BB241/DBS—Dull Brass, Sand Blast Finish.

Inches	3x3	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$1.20	1.25	1.35	1.60	1.75	1.95	2.15

No. BB241/EB—Electro Plated Dead Black.

Inches	3x3	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$1.20	1.25	1.35	1.60	1.75	1.95	2.15

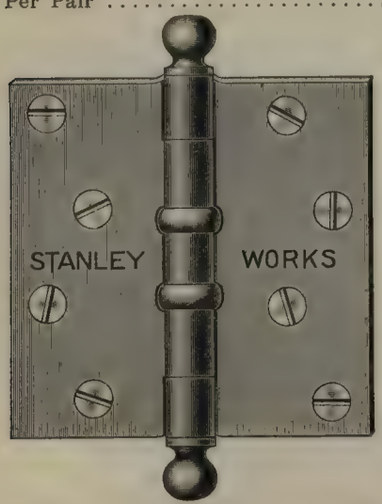
Wrought Steel, Ball Tips.

No. BBZ241/OC—Sherardized, Old Copper Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$1.80	2.00	2.20	2.45	2.90	3.40

No. BBZ241/DBS—Sherardized, Dull Brass, Sand Blast Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$1.85	2.05	2.25	2.50	2.95	3.45



No. BB180.
One-half Size Cut of 4x4 in.

Wrought Bronze, Ball Tips.

No. BB180/OC—Old Copper Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½
Weight Per Pair, Lbs.	1½	2	2½	3	4
Per Pair	$3.90	4.60	5.20	6.45	9.20

No. BB180/DB—Dull Brass Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½
Per Pair	$3.90	4.60	5.20	6.45	9.20

No. BB180/DBS—Dull Brass, Sand Blast Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½
Per Pair	$3.90	4.60	5.20	6.45	9.20

All Above, One Pair in a Box, with Screws.

Loose Pin Butts.

BALL TIPS, REVERSIBLE

No. 175.
One-half Size Cut of 4x4 in.

Wrought Bronze Metal.

No. 175/OC—Old Copper Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½
Weight Per Pair, Lbs.	1⅜	1¾	2¼	3	3¾
Per Pair	$3.00	3.75	4.50	5.40	8.30

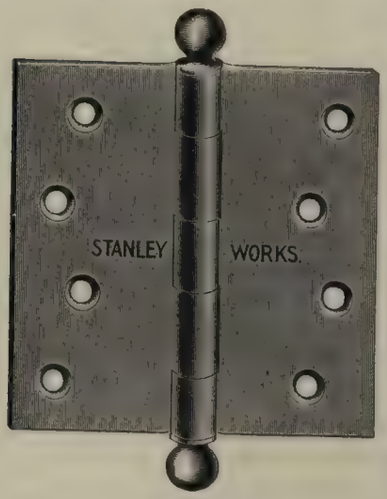
No. 175/DB—Dull Brass Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½
Per Pair	$3.00	3.75	4.50	5.40	8.30

No. 175/DBS—Dull Brass, Sand Blast Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½
Per Pair	$3.20	3.95	4.70	5.60	8.50

One Pair in a Box, with Screws.



No. Z241.
One-half Size Cut of 4x4 in.

Wrought Steel.

No. Z241/OC—Sherardized, Old Copper Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Weight Per Pair, Lbs.	1⅜	1¾	2¼	3	3¾	4½
Per Pair	$0.85	1.10	1.40	1.60	2.05	2.45

No. Z241/DB—Sherardized, Dull Brass Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$0.85	1.10	1.40	1.60	2.05	2.45

No. Z241/DBS—Sherardized, Dull Brass, Sand Blast Finish.

Inches	3½x3½	4x4	4½x4½	5x5	5½x5½	6x6
Per Pair	$0.95	1.20	1.50	1.70	2.10	2.55

2x2 and 2½x2½ in., Three Pairs; Larger Sizes, One Pair in a Box, with Screws.

No. 241½.
One-half Size Cut of 4x4 in.

Polished Wrought Steel, Special Fine Finish.

No. 241½/L—Bronze Plated, Light Natural Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Weight Per Pair, Lbs.	¼	½	¾	1⅜	1¾	2¼	3¼
Per Pair	$0.40	.47	.49	.54	.60	.75	.90

No. 241½/OC—Old Copper Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.40	.47	.49	.54	.60	.75	.90

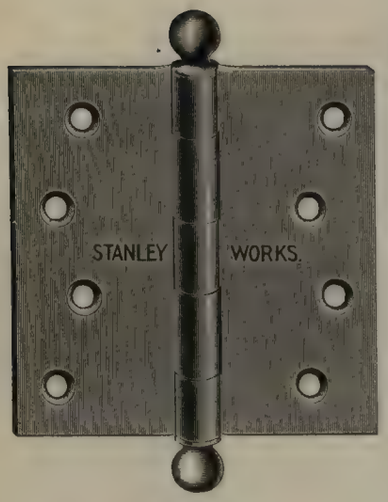
No. 241½/DB—Dull Brass Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.40	.47	.49	.54	.60	.75	.90

2x2 and 2½x2½ in., Three Pairs; Larger Sizes, One Pair in a Box, with Screws.

Wrought Steel Loose Pin Butts.

BALL TIPS, REVERSIBLE



No. 241.
One-half Size Cut of 4x4 in.

No. 241/L—Bronze Plated, Light Natural Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Weight Per Pair, Lbs.	¼	½	¾	1⅜	1¾	2¼	3⅞
Per Pair	$0.20	.22	.24	.25	.32	.54	.65

No. 241/OC—Old Copper Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.20	.22	.24	.25	.32	.54	.65

No. 241/OCS—Old Copper, Sand Blast Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.26	.27	.29	.30	.36	.58	.70

No. 241/DB—Dull Brass Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.20	.22	.24	.25	.32	.54	.65

No. 241/DBS—Dull Brass, Sand Blast Finish.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.26	.27	.29	.30	.36	.58	.70

No. 241/EB—Electro Plated, Dead Black.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.26	.28	.29	.30	.38	.60	.72

No. 241/N—Nickel Plated.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per Pair	$0.28	.29	.30	.32	.40	.63	.80

2x2 and 2½x2½ in., Three Pairs; Larger Sizes, One Pair in a Box, with Screws.

2x2 and 2½x2½ in., 200 Pairs; 3x3 to 4½x4½ in., 100 Pairs; 5x5 in., 50 Pairs in a Case.

Nos. 731, 731½ and 733.
One-half Size Cut of 5x5 in.

No. 731/J—Japanned, without Screws.

Inches	2x2	2½x2	2½x2½	3x2½	3x3
Wt. Per Doz. Pairs, Lbs.	3	4¾	5¾	7⅜	8¾
Per Dozen Pairs	$1.35	1.45	1.50	1.60	1.65

Inches	3½x3	3½x3½	4x4	4½x4½	5x5
Wt. Per Doz. Pairs, Lbs.	12½	14	16	22½	32
Per Dozen Pairs	$1.70	1.75	2.25	3.25	4.75

One-half Dozen Pairs in a Box.

No. 731½/J—Japanned, with Screws.

Inches	2x2	2½x2½	3x3	3½x3½
Weight Per Pair, Lbs.	¼	½	¾	1
Per Pair	$0.14	.16	.18	.19

Inches	4x4	4½x4½	5x5	6x6
Weight Per Pair, Lbs.	1¼	2	2⅝	3½
Per Pair	$0.24	.32	.48	.80

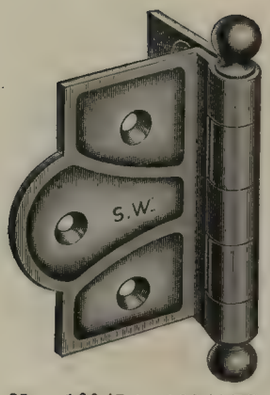
No. 733/EB—Electro Plated, Dead Black, with Screws.

Inches	2x2	2½x2½	3x3	3½x3½
Weight Per Pair, Lbs.	¼	½	¾	1
Per Pair	$0.17	.19	.20	.21

Inches		4x4	4½x4½	5x5
Weight Per Pair, Lbs.		1¼	1½	2⅝
Per Pair		$0.27	.36	.54

2x2 and 2½x2½ in., Three Pairs; Larger Sizes, One Pair in a Box.

Surface Door Butts.



Nos. 160/J to 160/ABS.

Wrought Steel, Reversible, Ball Tips.

No. 160/J—Japanned.

Inches	2	2½	3	3½	4	4½
Weight Per Pair, Lbs	¼	½	1	1½	1¾	2
Per Pair	$0.24	.27	.31	.36	.40	.60

No. 160/OC—Old Copper Finish.

Inches	2	2½	3	3½	4	4½
Per Pair	$0.30	.34	.38	.40	.54	.72

No. 160/DB—Dull Brass Finish.

Inches	2	2½	3	3½	4	4½
Per Pair	$0.30	.34	.38	.40	.54	.72

No. 160/ABS—Antique Brass, Sand Blast Finish.

Inches	2	2½	3	3½	4	4½
Per Pair	$0.35	.40	.44	.47	.58	.85

Wrought Steel, Reversible, Beveled Edge, Ball Tips.

No. 165/OC—Old Copper Finish.

Inches	2	2½	3	3½	4	4½
Weight Per Pair, Lbs	¼	½	1	1½	1¾	2
Per Pair	$0.30	.36	.40	.44	.57	.80

No. 165/DB—Dull Brass Finish.

Inches	2	2½	3	3½	4	4½
Per Pair	$0.30	.36	.40	.44	.57	.80

No. 165/DBS—Dull Brass, Sand Blast Finish.

Inches	2	2½	3	3½	4	4½
Per Pair	$0.36	.40	.46	.50	.62	.90

No. 165/EB—Electro Plated Dead Black.

Inches	2	2½	3	3½	4	4½
Per Pair	$0.40	.44	.48	.53	.66	.91

No. 165/N—Nickel Plated.

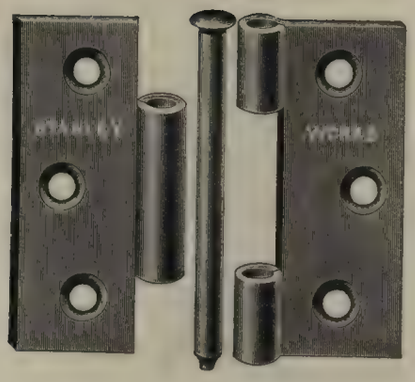
Inches	2	2½	3	3½	4	4½
Per Pair	$0.40	.45	.50	.56	.68	.94

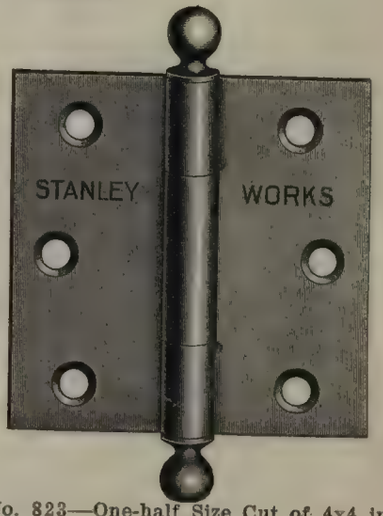
2 and 2½ in., Three Pairs; Larger Sizes, One Pair in a Box, with Screws.

Nos. 165/OC to 165/N.

Wrought Steel Loose Pin Butts.

REVERSIBLE


No. 804—One-half Size Cut of 4x4 in.



No. 823—One-half Size Cut of 4x4 in.

No. 804—Plain Wrought Steel.

Inches	2x2	2x2½	2½x2	2½x2½	2½x3	3x2½	3x3
Size of Screws, Nos	8	8	9	9	9	10	10
No. of Screw Holes	4	4	6	6	6	6	6
Weight Per Dozen Pairs, Lbs	3	4	4½	5½	6	7	8
Per Dozen Pairs	$0.65	.70	.75	.82	1.00	1.15	1.20

Inches	3x3½	3½x3	3½x3½	4x4	4½x4½	5x5	6x6
Size of Screws, Nos	10	11	11	11	12	13	13
No. Screw Holes	6	6	6	8	8	8	8
Weight Per Dozen Pairs, Lbs	10	11	13	16	19	22	26
Per Dozen Pairs	$1.40	1.65	1.75	2.20	2.80	3.75	6.00

2x2 to 3x3½ in., One Dozen Pairs; 3½x3 to 4½x4½ in., One-half Dozen Pairs; Larger Sizes, One-quarter Dozen Pairs in a Box, without Screws.

No. 823—Plain Wrought Steel, Ball Tips.

Inches	2x2	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Size of Screws, Nos	8	9	10	11	11	12	13
No. of Screw Holes	4	6	6	6	8	8	8
Weight Per Dozen Pairs, Lbs	3½	5	12	18	24	28	32
Per Dozen Pairs	$1.25	1.50	1.60	1.75	2.10	2.90	4.00

2x2 to 3½x3½ in., One-half Dozen Pairs; Larger Sizes, One-quarter Dozen Pairs in a Box, without Screws.

Wrought Steel Butts.

LIGHT NARROW, LOOSE PIN

Nos. 840 and 286.
One-half Size Cut of 2½ in.

No. 840—Plain Steel.

Inches	1½	1¾	2	2¼	2½	2¾	3	3½	4
Size of Screw, Nos.	5	5	6	6	6	7	7	8	9
No. of Screw Holes	4	4	4	6	6	6	6	6	8
Dozen Pairs in a Case	100	100	100	50	50	50	50	25	25
Wt. Per Dozen Pairs, Lbs.	1⅛	1½	1⅞	2⅛	2½	3	3¾	4½	5½
Per Dozen Pairs	$0.48	.50	.56	.64	.75	.80	.90	1.20	1.85

1½ to 3 in., One Dozen Pairs; Larger Sizes, One-half Dozen Pairs in a Box, without Screws.

No. 286/OC—Old Copper Finish.

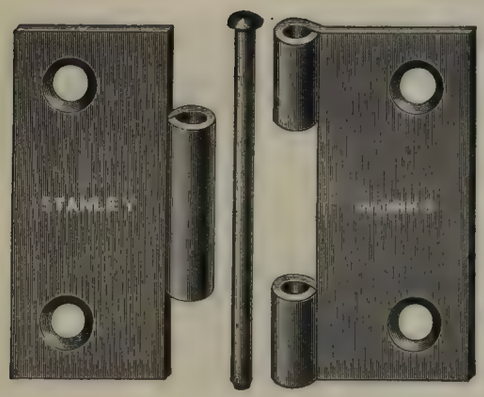
Inches	1½	1¾	2	2½	3
Dozen Pairs in a Case	100	100	100	50	50
Per Dozen Pairs	$1.10	1.25	1.35	1.60	2.00

No. 286/DB—Dull Brass Finish.

Inches	1½	1¾	2	2½	3
Dozen Pairs in a Case	100	100	100	50	50
Per Dozen Pairs	$1.10	1.25	1.35	1.60	2.00

1½ to 3 in., One Dozen Pairs; Larger Sizes, One-half Dozen Pairs in a Box, without Screws.

LIGHT REVERSIBLE, LOOSE PIN



Nos. 834 and 748.
Full Size Cut of 2x2 in.

No. 834—Plain Steel.

Inches	2x2	2x2½	2½x2	2x3	2½x2½
Size of Screws, Nos.	7	7	7	7	7
No. of Screw Holes	4	4	6	4	6
Dozen Pairs in a Case	50	50	50	50	50
Weight Per Dozen Pairs, Lbs.	2¼	2⅜	2½	3	3¼
Per Dozen Pairs	$0.70	.75	.80	.87	.90

No. 748/J—Japanned.

Inches	2x2	2x2½	2x3	2½x2½
Per Dozen Pairs	$1.00	1.05	1.20	1.20

One Dozen Pairs in a Box, without Screws.

LIGHT NARROW, LOOSE PIN, BALL TIPS

No. 295.

No. 295/L—Bronze Plated, Light Natural Finish.

Inches	1½	2	2¼	2½	3
Weight Per Dozen Pairs, Lbs.	1¾	2¼	2½	3	4½
Per Dozen Pairs	$1.45	1.80	1.90	2.00	2.30

No. 295/OC—Old Copper Finish.

Inches	1½	2	2¼	2½	3
Per Dozen Pairs	$1.70	2.10	2.20	2.25	2.60

No. 295/DB—Dull Brass Finish.

Inches	1½	2	2¼	2½	3
Per Dozen Pairs	$1.70	2.10	2.20	2.25	2.60

No. 295/DBS—Dull Brass, Sand Blast Finish.

Inches	1½	2	2¼	2½	3
Per Dozen Pairs	$1.90	2.30	2.50	2.60	2.80

No. 295/EB—Electro Plated, Dead Black.

Inches	1½	2	2¼	2½	3
Per Dozen Pairs	$2.25	2.60	2.75	2.80	3.15

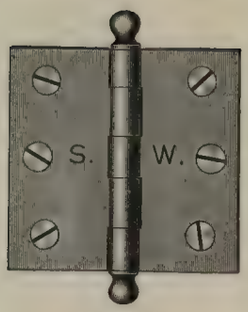
No. 295/N—Nickel Plated.

Inches	1½	2	2¼	2½	3
Per Dozen Pairs	$2.90	3.55	3.70	3.90	4.25

One-half Dozen Pairs in a Box, with Screws.

Wrought Steel Butts.

LIGHT REVERSIBLE, LOOSE PIN, BALL TIPS



No. 289.
One-half Size Cut of 2½x2½ in.

No. 289/L—Bronze Plated, Light Natural Finish.

Inches	2x2	2½x2	2½x2½	3x3
Weight Per Dozen Pairs, Lbs.	3	3½	4	6
Per Dozen Pairs	$2.00	2.15	2.25	2.60

No. 289/OC—Old Copper Finish.

Inches	2x2	2½x2	2½x2½	3x3
Per Dozen Pairs	$2.25	2.35	2.50	2.80

No. 289/DB—Dull Brass Finish.

Inches	2x2	2½x2	2½x2½	3x3
Per Dozen Pairs	$2.25	2.35	2.50	2.80

No. 289/DBS—Dull Brass, Sand Blast Finish.

Inches	2x2	2½x2	2½x2½	3x3
Per Dozen Pairs	$2.75	2.80	2.90	3.40

No. 289/EB—Electro Plated, Dead Black.

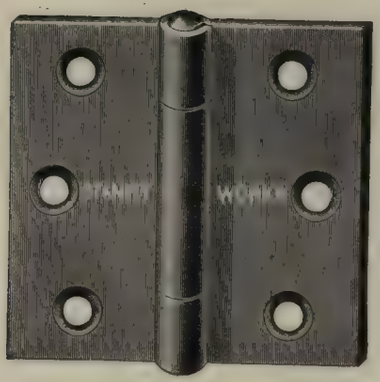
Inches	2x2	2½x2	2½x2½	3x3
Per Dozen Pairs	$2.80	2.90	3.00	3.40

No. 289/N—Nickel Plated.

Inches	2x2	2½x2	2½x2½	3x3
Per Dozen Pairs	$3.25	3.45	3.50	3.80

One-half Dozen Pairs in a Box, with Screws.

BROAD, RIVETED



No. 808
One-half Size Cut of 4x4 in.

No. 808—Plain Steel.

Inches	2x2	2½x2½	3x2½	3x3
Size of Screws, Nos.	7	8	9	9
No. of Screw Holes	4	6	6	6
Dozen in a Case	50	50	25	25
Weight Per Dozen Pairs, Lbs.	3½	4½	6	7¼
Per Dozen Pairs	$0.55	.72	.95	1.10
Inches	3½x3½	4x4	4½x4½	5x5
Size of Screws, Nos.	10	10	11	12
No. of Screw Holes	6	8	8	8
Dozen in a Case	20	15	10	8
Weight Per Dozen Pairs, Lbs.	11	12½	15	18
Per Dozen Pairs	$1.60	2.00	2.52	3.35

2x2 to 3x3 in., One Dozen Pairs; 3½x3½ to 4½x4½ in., One-half Dozen Pairs; 5x5 in., One-quarter Dozen Pairs in a Box, without Screws.

BROAD, RIVETED

No. 291.
One-half Size Cut of 4x4 in.

No. 291/L—Bronze Plated, Light Natural Finish.

Inches	2½x2½	3x3	3½x3½
Weight Per Dozen Pairs, Lbs.	4½	7¼	11
Per Dozen Pairs	$2.00	2.25	2.80

No. 291/OC—Old Copper Finish.

Inches	2½x2½	3x3	3½x3½
Per Dozen Pairs	$2.25	2.70	3.25

No. 291/DB—Dull Brass Finish.

Inches	2½x2½	3x3	3½x3½
Per Dozen Pairs	$2.25	2.70	3.25

No. 291/DBS—Dull Brass, Sand Blast Finish.

Inches	2½x2½	3x3	3½x3½
Per Dozen Pairs	$2.50	3.20	3.75

No. 291/EB—Electro Plated, Dead Black.

Inches	2½x2½	3x3	3½x3½
Per Dozen Pairs	$2.80	3.60	4.00

One-half Dozen Pairs in a Box, with Screws.

Wrought Steel Butts.

Nos. Z291 and 1319.
One-half Size Cut of 4x4 in.

BROAD, RIVETED

No. Z291/DB—Sherardized, Dull Brass Finish.

Inches	2½x2½	3x3	3½x3½
Weight Per Dozen Pairs, About, Lbs.	4½	7¼	11
Per Dozen Pairs	$5.25	5.45	8.00

No. Z291/DBS—Sherardized, Dull Brass, Sand Blast Finish.

Inches	2½x2½	3x3	3½x3½
Per Dozen Pairs	$6.10	6.30	8.85

No. 1319—Galvanized, with Brass Pins.

Inches	2½x2½	3x3	3½x3½
Weight Per Dozen Pairs, Lbs.	4½	7¼	11
Per Dozen Pairs	$2.70	3.50	5.00

One-half Dozen Pairs in a Box, with Screws.

No. 800.
Full Size Cut of 2 in.

REGULAR NARROW, RIVETED

No. 800—Plain Steel, without Screws.

Inches	1	1¼	1½	1¾	2	2¼	2½
Size Screws, Nos.	5	6	6	6	7	7	7
No. of Screw Holes	4	4	4	4	4	6	6
Dozen Pairs in a Case	100	100	100	100	100	50	50
Weight Per Dozen Pairs, Lbs.	⅝	1	1¼	1¾	2½	2½	3½
Per Dozen Pairs	$0.25	.28	.35	.45	.50	.60	.65

Inches	2¾	3	3¼	3½	3¾	4	4½
Size of Screws, Nos.	8	8	8	9	9	9	10
No. of Screw Holes	6	6	6	6	6	8	8
Dozen Pairs in a Case	50	50	25	25	25	20	15
Weight Per Dozen Pairs, Lbs.	3¾	4½	5½	7	8	9	10½
Per Dozen Pairs	$0.75	.85	1.00	1.10	1.50	1.60	2.10

1 to 3¾ in., One Dozen Pairs; 4 and 4½ in., One-half Dozen Pairs in a Box.

LIGHT NARROW, RIVETED

Nos. 838 and 284.
Full Size Cut of 2 in.

No. 838—Plain Steel, without Screws.

Inches	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3
Size of Screws, Nos.	2	3	4	5	5	6	6	6	7	7
No. of Screw Holes	4	4	4	4	4	4	6	6	6	6
Dozen Pairs in a Case	100	100	100	100	100	100	50	50	50	50
Weight Per Dozen Pairs, Lbs.	⅜	½	⅝	⅞	1¼	1½	2	2¼	2½	3
Per Dozen Pairs	$0.20	.20	.25	.32	.40	.45	.53	.55	.65	.73

One Dozen Pairs in a Box.

No. 284/OC—Old Copper Finish.

Inches	1½	1¾	2	2½	3
Per Dozen Pairs	$1.15	1.20	1.35	1.60	2.00

No. 284/DB—Dull Brass Finish.

Inches	1½	1¾	2	2½	3
Per Dozen Pairs	$1.15	1.20	1.35	1.60	2.00

One Dozen Pairs in a Box, with Screws.

Screen Door Butts.

WROUGHT STEEL

3x3 in., Ball Tips.

	Per Dozen Pairs
No. 1752/J —Japanned	$1.60
No. 1752/OC—Old Copper Finish	2.25
No. 1752/DB—Dull Brass Finish	2.25

Weight Per Dozen Pairs 5 Pounds.

One Dozen Pairs in a Box, with Screws.

Wrought Steel Butts.

LIGHT INSIDE BLIND, RIVETED

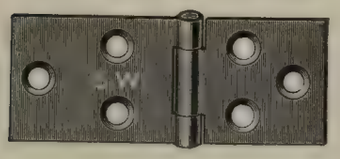
No. 842—Plain Steel, without Screws.

Inches	1	1⅛	1¼	1⅜	1½
Size of Screws, Nos.	4	5	5	5	5
No. of Screw Holes	6	6	6	6	6
Dozen Pairs in a Case	100	100	100	100	100
Wt. Per Dozen Pairs, Lbs.	¾	⅞	1	1¼	1½
Per Dozen Pairs	$0.35	.37	.40	.43	.45

One Dozen Pairs in a Box.

Wrought Steel Hinges.

TABLE, FLUSH RIVETED



No. 810—Plain Steel, without Screws.

Inches	1	1⅛	1¼	1⅜	1½	1¾	2
Size of Screws, Nos.	6	7	7	7	8	9	9
No. of Screw Holes	6	6	6	6	6	6	6
Doz. Pairs in a Case	100	100	100	100	50	50	50
Wt. Doz. Pairs, Lbs.	1⅜	1⅝	2	2⅛	2½	3	3½
Per Dozen Pairs	$0.50	.55	.60	.70	.72	.90	.95

One Dozen Pairs in a Box.

BACK FLAPS, RIVETED

No. 814—Plain Steel, without Screws.

Inches	1	1⅛	1¼	1⅜	1½
Size of Screws, Nos.	6	6	7	7	8
No. of Screw Holes	6	6	6	6	6
Dozen Pairs in a Case	100	100	100	100	50
Wt. Per Dozen Pairs, Lbs.	1½	1⅞	2⅛	2½	2¾
Per Dozen Pairs	$0.54	.60	.70	.75	.80

One Dozen Pairs in a Box.

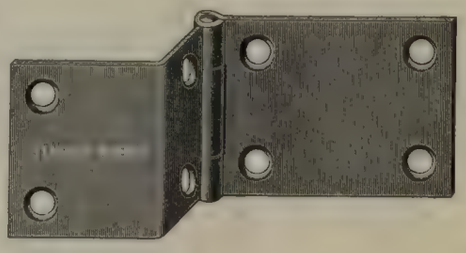
PEW DOOR, RIVETED

No. 818—Plain Steel, without Screws.

Inches	1½	2
Size of Screws, Nos.	8	9
No. of Screw Holes	6	6
Weight Per Dozen Pairs, Lbs.	3	4½
Per Dozen Pairs	$0.80	1.15

1½ in., One Dozen; 2 in., One-half Dozen Pairs in a Box.

CHEST, RIVETED



No. 820—Plain Steel, without Screws.

Inches	1½	2
Size of Screws, Nos.	7	8
No. of Screw Holes	8	8
Weight Per Dozen Pairs, Lbs.	3½	5
Per Dozen Pairs	$0.90	1.30

One Dozen Pairs in a Box.

Wrought Brass Butts.

Cuts Full Size

NARROW

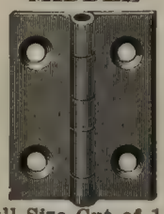
Full Size Cut of 1 in.

Inches	½	¾	⅞	1	1⅛
Width When Open, Inches	½	9/16	⅝	¾	11/16
Wt. Per Dozen Pairs, Oz.	1	3	4	5	6
Per Dozen Pairs	$0.27	.32	.34	.36	.45

Inches	1¼	1⅜	1¾	2	2½
Width When Open, Inches	13/16	⅞	1	1 1/16	1 7/16
Wt. Per Dozen Pairs, Oz.	7	8	12	15	21
Per Dozen Pairs	$0.52	.58	.75	.90	1.60

One Dozen Pairs in a Box.

MIDDLE



Full Size Cut of 1 in.

Inches	½	¾	⅞	1	1⅛	1¼
Width When Open, In.	5/16	11/16	⅞	⅞	⅞	⅞
Wt. Per Dozen Pairs, Oz.	1	3	4	5	6	7
Per Dozen Pairs	$0.29	.34	.38	.42	.49	.54

Inches	1½	1¾	2	2¼	2½	3
Width When Open, In.	1	1 1/16	1 3/16	1 5/16	1⅝	1¾
Wt. Per Dozen Pairs, Oz.	9	13	17	23	31	50
Per Dozen Pairs	$0.68	.85	1.04	1.50	1.90	3.40

One Dozen Pairs in a Box.

BROAD

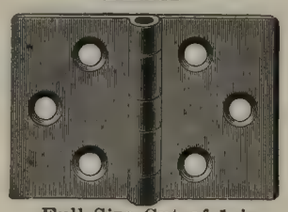
Full Size Cut of 1 in.

Inches	½	¾	⅞	1	1⅛	1¼	1⅜
Width Open, In.	⅝	13/16	1	1	1	1 1/16	1 1/16
Wt. Doz. Prs., Oz.	2	3	6	7	8	9	10
Per Dozen Pairs	$0.32	.36	.40	.45	.54	.60	.68

Inches	1½	1¾	2	2¼	2½	3
Width Open, In.	1¼	1 5/16	1 7/16	1 7/16	1 13/16	2
Wt. Doz. Prs., Oz.	11	15	19	24	35	54
Per Dozen Pairs	$0.76	.94	1.16	1.70	2.25	3.90

One Dozen Pairs in a Box.

DESK



Full Size Cut of 1 in.

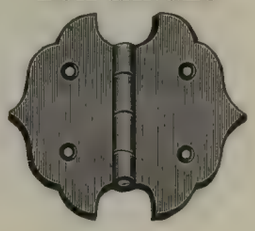
Inches	¾	⅞	1	1⅛	1¼
Width When Open, In.	1⅜	1 7/16	1 9/16	1¾	1 13/16
Wt. Per Dozen Pairs, Oz.	7	8	10	12	15
Per Dozen Pairs	$0.45	.56	.68	.80	.92

Inches	1⅜	1½	1¾	2
Width When Open, In.	2	2	2½	3
Wt. Per Dozen Pairs, Oz.	18	21	32	49
Per Dozen Pairs	$1.25	1.35	2.25	3.10

One Dozen Pairs in a Box.

Fancy Brass Hinges.

BOX HINGES



Wrought Brass.

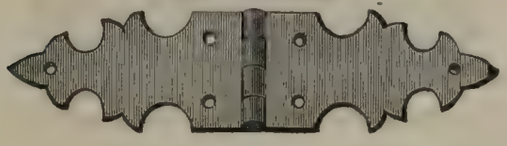
Per Dozen Pairs

No. 1—1¼x1⅛ in., Polished $0.70

Weight Per Dozen Pairs 4 Ounces.

Three Dozen Pairs in a Box.

BOX HINGES



Wrought Brass.

Per Dozen Pairs

No. 7—2¾x⅝ in., Polished $0.80

Weight Per Dozen Pairs 4 Ounces.

Three Dozen Pairs in a Box.

STRAP HINGES

Wrought Brass.

Per Dozen Pairs

No. 102—2¾x½ in., Polished $2.25

Weight Per Dozen Pairs ¾ Pound.

Three Dozen Pairs in a Box.

Ornamental Hinges.

Cuts One-half Size

LOOSE PIN

One-half Size Cut of 1½ in.

Wrought Steel.

No. 1474/OC—Old Copper Finish.

Inches	1½	2
Weight Per Dozen Pairs, Lbs.	3	3¼
Per Dozen Pairs	$1.90	2.70

No. 1474/DB—Dull Brass Finish.

Inches	1½	2
Per Dozen Pairs	$1.90	2.70

One Dozen Pairs in a Box, with Screws.

Wrought Steel.

No. 1479/OC—Old Copper Finish.

Inches	1½
Weight Per Dozen Pairs, Lbs.	2
Per Dozen Pairs	$1.90

No. 1479/DB—Dull Brass Finish.

Inches	1½
Per Dozen Pairs	$1.90

No. 1479/DBS—Dull Brass, Sand Blast Finish.

Inches	1½
Per Dozen Pairs	$2.40

One Dozen Pairs in a Box, with Screws.

LOOSE PIN

Wrought Steel, Beveled Edge Surface Leaf, Oval Head, 1½ in.

	Per Dozen Pairs
No. 1473/OC—Old Copper Finish	$2.00
No. 1473/DB—Dull Brass Finish	2.00
No. 1473/DBS—Dull Brass, Sand Blast Finish	2.30
No. 1473/N—Nickel Plated	2.30

Weight Per Dozen Pairs 2½ Pounds.

LOTUS PATTERN, RIVETED

Wrought Steel, 1½ inches.

	Per Dozen Pairs
No. 1478/OC—Old Copper Finish	$1.90
No. 1478/DB—Dull Brass Finish	1.90
No. 1478/DBS—Dull Brass, Sand Blast Finish	2.25

Weight Per Dozen Pairs 2¼ Pounds.

One Dozen Pairs in a Box, with Screws.

Wrought Steel, 1½ inches.

	Per Dozen Pairs
No. 1480/OC—Old Copper Finish	$1.90
No. 1480/DB—Dull Brass Finish	1.90

Weight Per Dozen Pairs 2½ Pounds.

FANCY PATTERN

One-half Size Cut of 1x3 in.

Wrought Brass.

	Per Dozen Pairs
No. 76/B—¾x2¼ in., Polished	$1.15
No. 75/B—1 x3 in., Polished	1.75

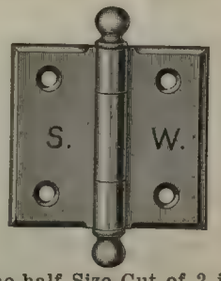
Wrought Steel.

	Per Dozen Pairs
No. 1490/B —¾x2¼ in,. Brass Plated	$1.15
No. 1490/OC—¾x2¼ in., Old Copper Finish	1.15
No. 1491/B —1 x3 in., Brass Plated	1.50
No. 1491/OC—1 x3 in., Old Copper Finish	1.50

Weight Per Dozen Pairs 1¾ Pounds.

One Dozen Pairs in a Box, with Screws.

BEVELED EDGE



One-half Size Cut of 2 in.

Wrought Steel, Loose Pins.

No. 166/OC—Old Copper Finish.

Inches	1½	2	2½
Wt. Per Dozen Pairs, Lbs.	2	3	4
Per Dozen Pairs	$2.25	4.00	4.60

No. 166/DB—Dull Brass Finish.

Inches	1½	2	2½
Per Dozen Pairs	$2.25	4.00	4.60

No. 166/DBS—Dull Brass, Sand Blast Finish.

Inches	1½	2	2½
Per Dozen Pairs	$2.75	4.50	5.10

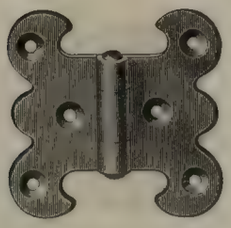
No. 166/N—Nickel Plated.

Inches	1½	2	2½
Per Dozen Pairs	$3.35	5.10	5.70

1½ in., One Dozen; 2 and 2½ in., One-quarter Dozen Pairs in a Box, with Screws.

Ornamental Hinges.

Cuts One-half Size



One-half Size Cut of 2½x2½ in.

No. 1420/B—Wrought Steel, Brass Plated Finish.

Inches	1¾x1¾	2½x2½	3x3
Wt. Per Dozen Pairs, Lbs.	3	3½	4
Per Dozen Pairs	$2.35	2.50	3.00

One Dozen Pairs in a Box, with Screws.

One-half Size Cut of 1¾x1¾ in.

No. 1423½/B—Wrought Brass, Natural Finish, with ⅜ in. Offset, for Refrigerators.

Inches	1¾x1¾	2½x2½	3x3
Wt. Per Dozen Pairs, Lbs.	3½	4	4½
Per Dozen Pairs	$3.50	5.90	7.75

One Dozen Pairs in a Box, with Screws.

BUTTERFLY PATTERN

Wrought Brass, Corrugated, 1¼x2¾ in.

	Per Dozen Pairs
No. 1429/B —Brass Finish	$2.25
No. 1430/OC—Old Copper Finish	2.50

Wrought Steel, Corrugated, 1¼x2¾ in.

	Per Dozen Pairs
No. 1431/B —Brass Plated Finish	$1.90
No. 1431/OC—Old Copper Finish	1.90
No. 1431/DB—Dull Brass Finish	1.90
No. 1431/N —Nickel Plated	2.25

Weight Per Dozen Pairs 2 Pounds.

One Dozen Pairs in a Box, with Screws.

CORRUGATED

Wrought Brass, 1¾x3⅞ in.

	Per Dozen Pairs
No. 1416/B —Brass Finish	$7.40
No. 1416/OC—Old Copper Finish	8.65

Weight Per Dozen Pairs 5 Pounds.

One-half Dozen Pairs in a Box, with Screws.

Wrought Brass, 2¾x4⅞ in.

	Per Dozen Pairs
No. 1404/B —Brass Finish	$7.00
No. 1404/OC—Old Copper Finish	8.25

Weight Per Dozen Pairs 6 Pounds.

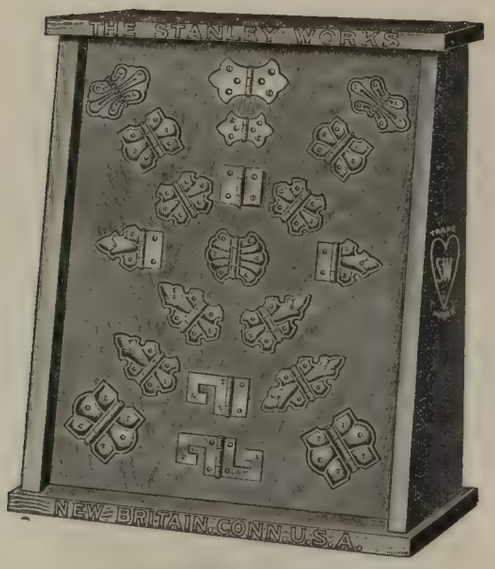
Wrought Brass, 2¼x4⅞ in., with ⅜ in. Offset, for Refrigerators.

	Per Dozen Pairs
No. 1408/B—Brass Finish	$7.35
No. 1408/N—Nickel Plated	9.50

Weight Per Dozen Pairs 7 Pounds.

One-half Dozen Pairs in a Box, with Screws.

Ornamental Hinge Assortment.



Cut Shows Front View of Cabinet.

Cut Shows Rear View of Cabinet.

Selected Hardwood Cabinet, 19⅝ in. High, 12x16¼ in. Base, 8x16¼ in. Top, Highly Finished, with Shelves on Inside of Cabinet.

Per Assortment

No. A—Ornamental Hinge Assortment, Consisting of 20 Dozen Pairs of Ornamental Hinges as Enumerated Below, Complete with Handsome Display Cabinet with 20 Mounted Samples **$47.00**

CONTENTS OF ASSORTMENT.

	Retail Value
1 Dozen Pairs **No. 1495/OC**—Old Copper Finish, Ornamental Hinges	$2.10
1 Dozen Pairs **No. 1481/N** —Nickel Plated Ornamental Hinges	2.40
1 Dozen Pairs **No. 1490/L** —¾ in., Brass Plated, Ornamental Hinges	1.25
1 Dozen Pairs **No. 1490/L** —1 in., Brass Plated, Ornamental Hinges	1.50
1 Dozen Pairs **No. 1485/OC**—Old Copper Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1486/DB**—Dull Brass Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1473/DB**—Dull Brass Finish, Ornamental Hinges	3.25
1 Dozen Pairs **No. 1478/OC**—Old Copper Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1478/DB**—Dull Brass Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1475/OC**—1½ in., Old Copper Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1475/DB**—1½ in., Dull Brass Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1482/OC**—Old Copper Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1481/OC**—Old Copper Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1430** —Polished, Ornamental Hinges	2.70
1 Dozen Pairs **No. 1431/OC**—Old Copper Finish, Ornamental Hinges	2.50
1 Dozen Pairs **No. 1475/OC**—2 in., Old Copper Finish, Ornamental Hinges	2.85
1 Dozen Pairs **No. 1475/DB**—2 in., Dull Brass Finish, Ornamental Hinges	2.85
1 Dozen Pairs **No. 1480/OC**—Old Copper Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1480/DB**—Dull Brass Finish, Ornamental Hinges	2.10
1 Dozen Pairs **No. 1480/N** —Nickel Plated, Ornamental Hinges	2.40
Total Retail Value,	$44.80

A compact, convenient and well selected assortment of Staple Sellers. The samples are mounted on the face of the cabinet, making an attractive display as well as a permanent salesman.

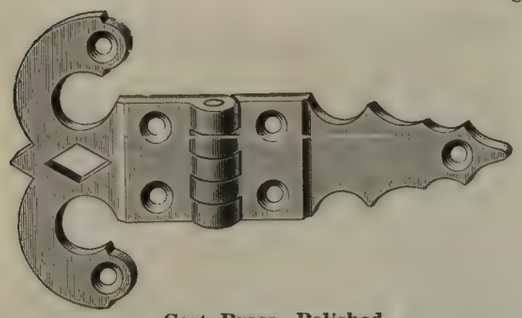
The goods are neatly packed on the inside of the cabinet, are easy to find, and always in their place. A profitable and inexpensive method of making quick sales.

Weight Per Assortment About 86 Pounds.

One Assortment in a Case.

Refrigerator Hinges.

Cuts One-half Size



Cast Brass, Polished.

Nos.	1	2	3	4
Inches	4¾	5¾	6¼	7½
Weight Per Dozen Pairs, Lbs.	4½	6¾	8½	10½
Per Dozen Pairs	$5.25	9.50	11.50	16.00

Nos. 1 to 3, One Dozen; No. 5, One-half Dozen in a Box.

Cast Brass, Polished, ⅜ in. Offset.

Nos.	01	02	03	04
Inches	5	5¾	6¼	7½
Weight Per Dozen Pairs, Lbs.	5½	8	10½	12½
Per Dozen Pairs	$6.25	12.00	14.00	19.50

One-half Dozen Pairs in a Box.

Cast Iron.

Per Dozen Pairs

No. 400/E—5x2½ in., Etruscan Bronzed, Brass Rivet..$5.75

Weight Per Dozen Pairs 8 Pounds.

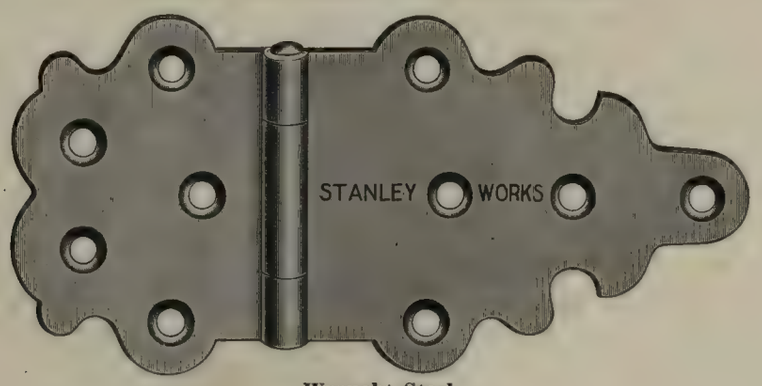
Cast Iron.

Per Dozen Pairs

No. 402/E—5x2½ in., Etruscan Bronzed, Brass Rivet, with ⅜ in. Offset.....$5.75

Weight Per Dozen Pairs 9 Pounds.

One-half Dozen Pairs in a Box, with Screws.



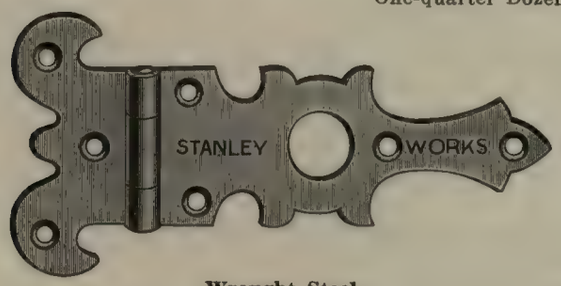
Wrought Steel.

Per Dozen Pairs

No. 1465/B—8¼x4 in., Brass Plated Finish.....$10.00

Weight Per Dozen Pairs 15 Pounds.

One-quarter Dozen Pairs in a Box, with Screws.



Wrought Steel.

Per Dozen Pairs

No. 1424/B—6 in., Brass Plated Finish.....$4.75

Weight Per Dozen Pairs 5½ Pounds.

Wrought Steel.

Per Dozen Pairs

No. 1425/B—6 in., Brass Plated Finish, with ⅜ in. Offset.....$5.00

Weight Per Dozen Pairs 6 Pounds.

One-half Dozen Pairs in a Box, with Screws.

Refrigerator Catches.

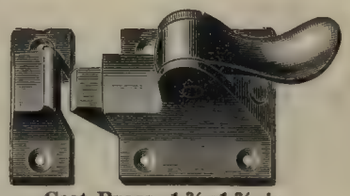
Cuts One-half Size

Cast Iron, 1¾x1¾ in.

	Per Dozen
No. 456/E—Etruscan Bronzed	$4.25

Weight Per Dozen 5 Pounds.

One-half Dozen in a Box, with Screws.



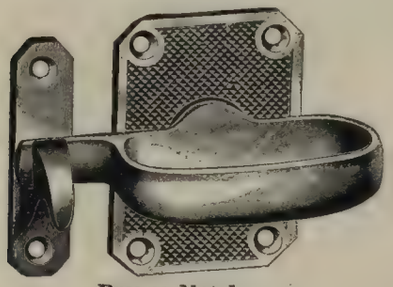
Cast Brass, 1¾x1¾ in.

	Per Dozen
No. 856/B—Polished Brass, Natural Color	$8.00
No. 856/N—Nickel Plated	9.50

Weight Per Dozen 5 Pounds.

One-half Dozen in a Box, with Screws.

Refrigerator Latches.



Bronze Metal.

	Per Dozen
No. 810/L—3⅛x2¼ in., Light Natural Finish	$14.50

Cast Iron.

	Per Dozen
No. 816/J—3⅛x2¼ in., Japanned	$7.25

Weight Per Dozen 8 Pounds.

One Dozen in a Box, without Screws.

Refrigerator Locks.

Cut Shows Left Hand Lock.

Cast Brass.

	Per Dozen
No. L41/B—3¾x2 in., Polished Brass, with Flush Strike, for Left Hand Door, 1 Key	$11.25
No. R41/B—As Above, but for Right Hand Door	11.25

Weight Per Dozen 6½ Pounds.

One-half Dozen in a Box, with Screws.

Refrigerator Fasteners.

STANDARD

FOR SMALL REFRIGERATORS

Cut Shows Left Hand Fastener.

5 in. Long, 4 in. Lever, Flush Strike. Galvanized Malleable Iron.

	Per Dozen
No. R614/G—For Right Hand Doors	$4.00
No. L614/G—For Left Hand Doors	4.00

Polished Brass.

	Per Dozen
No. R614/B—For Right Hand Doors	$9.50
No. L614/B—For Left Hand Doors	9.50

5 in. Long, 4 in. Lever, Offset Strike. Galvanized Malleable Iron.

	Per Dozen
No. R0614/G—For Right Hand Doors	$4.25
No. L0614/G—For Left Hand Doors	4.25

Polished Brass.

	Per Dozen
No. R0614/B—For Right Hand Doors	$10.00
No. L0614/B—For Left Hand Doors	10.00

FOR MEDIUM REFRIGERATORS

5½ in. Long, 4¼ in. Lever, Flush Strike. Galvanized Malleable Iron.

	Per Dozen
No. R615/G—For Right Hand Doors	$6.75
No. L615/G—For Left Hand Doors	6.75

Polished Brass.

	Per Dozen
No. R615/B—For Right Hand Doors	$13.50
No. L615/B—For Left Hand Doors	13.50

5½ in. Long, 4¼ in. Lever, Offset Strike. Galvanized Malleable Iron.

	Per Dozen
No. R0615/G—For Right Hand Doors	$7.15
No. L0615/G—For Left Hand Doors	7.15

Polished Brass.

	Per Dozen
No. R0615/B—For Right Hand Doors	$14.25
No. L0615/B—For Left Hand Doors	14.25

FOR LARGE REFRIGERATORS

6¼ in. Long, 4¾ in. Lever, Flush Strike. Galvanized Malleable Iron.

	Per Dozen
No. R616/G—For Right Hand Doors	$10.00
No. L616/G—For Left Hand Doors	10.00

Polished Brass.

	Per Dozen
No. R616/B—For Right Hand Doors	$25.00
No. L616/B—For Left Hand Doors	25.00

6¼ in. Long, 4¾ in. Lever, Offset Strike. Galvanized Malleable Iron.

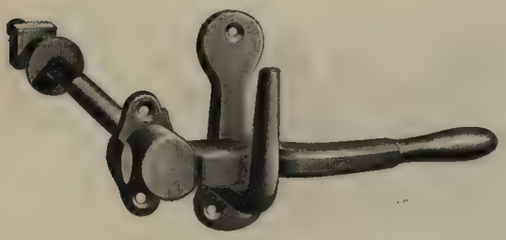
	Per Dozen
No. R0616/G—For Right Hand Doors	$10.45
No. L0616/G—For Left Hand Doors	10.45

Polished Brass.

	Per Dozen
No. R0616/B—For Right Hand Doors	$26.00
No. L0616/B—For Left Hand Doors	26.00

Approximate Weights Per Dozen: No. 614 Series, 6 Pounds; No. 615 Series, 7 Pounds; No. 616 Series, 10 Pounds.
No. 614, One Dozen; Nos. 615 and 616, One-half Dozen in a Box.

Ice Box Fasteners.



No. 91—Cast Iron, Japanned, with Bolt.

Length of Lever, Inches	6	9	12
Size of Bolt, Inches	½x6½	⅝x6½	¾x8½
Weight Per Dozen, Lbs	18	43	67
Per Dozen	$6.10	10.50	13.50

No. 101—Cast Iron, Galvanized, with Bolts.

Length of Lever, Inches	6	9	12
Size of Bolt, Inches	½x6½	⅝x6½	¾x8½
Weight Per Dozen, Lbs	18	43	67
Per Dozen	$9.00	13.50	18.00

No. 801—Cast Brass, Polished, with Bolt.

Length of Lever, Inches	6	9	12
Size of Bolt, Inches	½x6½	⅝x6½	¾x8½
Weight Per Dozen, Lbs	18	43	67
Per Dozen	$13.00	24.00	43.00

6 and 9 in. Lever, One-half Dozen; 12 in. Lever, One-third Dozen in a Box.

Cabinet Escutcheons.

Cuts One-half Size

Wrought Brass.

Per Gross
No. 552—¾ in. Diameter, Polished.....$1.35
One-quarter Gross in a Box.

Wrought Brass.

Per Gross
No. 572—1x1⅞ in., Polished.....$5.00
One-quarter Gross in a Box.

Box Hasps.

Cuts One-half Size

WROUGHT BRASS

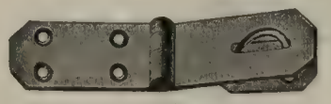
Per Dozen
No. 802—⅝x1⅞ in., Polished...$0.70
Weight Per Box 7 Ounces.
Three Dozen in a Box.

Per Dozen
No. 819—⅝x1⅞ in., Polished..$0.90
Weight Per Box ½ Pound.
Three Dozen in a Box.

Per Dozen
No. 803—½x3 in., Polished....$1.15
Weight Per Box 1¼ Pounds.
Three Dozen in a Box.

Per Dozen
No. 805—¾x3 in., Polished.....$1.70
Weight Per Box 2 Pounds.
Three Dozen in a Box.

Per Dozen
No. 840—¾x3 in., Polished....$1.90
Weight Per Dozen ½ Pound.
One Dozen in a Box.



Per Dozen
No. 807—¾x3½ in., Polished..$2.25
Weight Per Dozen ¾ Pound.
One Dozen in a Box.

Safety Hasps.

Wrought Steel.

Per Dozen
No. 346—⅞x2½ in., Brass Plated.....$1.10
Weight Per Dozen About 1¼ Pounds.
One Dozen in a Box, with Screws.

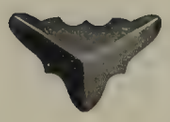
Wrought Steel.

Per Dozen
No. 883—1¼x3 in., Brass Plated.....$1.70
No. 884—1¼x4 in., Brass Plated..... 2.00
Weight Per Dozen 1¾ Pounds.
One Dozen in a Box.

Chest Corners.

Cuts One-half Size

WROUGHT BRASS

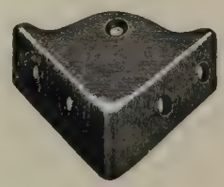


Per Dozen
No. 480—5/16x1 in., Polished.....$0.60
Weight Per Dozen About ¼ Pound.
Three Dozen in a Box.

Per Dozen
No. 479—¾x1½ in., Polished...$0.80
Weight Per Dozen About ½ Pound.
Three Dozen in a Box.

Per Dozen
No. 482—1⅜x1⅞ in., Polished..$1.70
Weight Per Dozen About ⅝ Pound.
Three Dozen in a Box.

Per Dozen
No. 481—½x2¼ in., Polished.....$0.90
Weight Per Dozen About ½ Pound.
Three Dozen in a Box.



Per Dozen
No. 483—¾x1½ in., Polished $1.80
Weight Per Dozen About ½ Pound.
One Dozen in a Box.

Box Brackets.

Cut One-half Size

Wrought Brass.

Per Gross
No. 401½—½x1½ in., Polished.$6.75
No. 402 —½x2 in., Polished. 7.75
Weight Per Dozen About ½ Pound.
One-quarter Gross in a Box.

Box Catches.

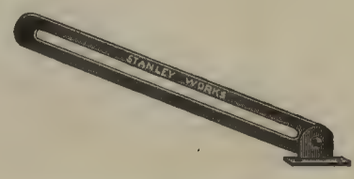
Cut One-half Size

Wrought Steel.

Per Gross
No. 0863—1¼x2½ in., Brass Plated $10.00
Weight Per Dozen About 1 Pound.
One-quarter Gross in a Box.

Desk Slides.

Cut One-third Size



Wrought Steel, Brass Plated.

No. 081—⅝ in. Wide.

Length, Inches	6	10
Wt. Per Dozen, Lbs...	2	3
Per Dozen Pairs.....	$1.75	2.25

One Dozen Pairs in a Box.

Miscellaneous Hardware Assortment.

Cut Shows Front View.

Cut Shows Rear View.

Selected Hardwood Cabinet, 19 in. High, 16 in. Wide, 11½ in. Deep, Highly Finished and Fitted with Brass Trimmings, with Shelves on Inside.

Per Assortment

No. 3400—Miscellaneous Hardware Assortment, Consisting of 43 11/12 Dozen Items as Enumerated Below, Complete with Handsome Display Cabinet with 48 Mounted Samples **$29.00**

Contents of Assortment.

Quantity			Retail Price	Total
3	Dozen No. 1764	Shelf Rests	$0.02 Each	$0.72
½	Dozen No. 01820	Friction Catches	.15 Each	.90
11/12	Dozen No. 1829½	Suit Case Catches	.05 Each	.55
1	Dozen No. 1901	Card Holders	.05 Each	.60
1	Dozen No. 1903	Card Holders	.10 Each	1.20
2	Dozen No. 1909¼	Box Pulls	.05 Each	1.20
1	Dozen No. 1919¼	Box Pulls	.05 Each	.60
1	Dozen No. 1932	Card Holders	.04 Each	.48
1	Dozen No. 1935	Card Holders	.05 Each	.60
½	Dozen No. 01934¼	Box Pulls	.10 Each	.60
6½	Pair No. 02108⅛	Box Hinges	.15 Pair	.97½
6½	Pair No. 2109	Box Hinges	.10 Pair	.65
6½	Pair No. 02111¼	Box Hinges	.05 Pair	.32½
6½	Pair No. 02112¼	Box Hinges	.08 Pair	.52
6½	Pair No. 02113¼	Box Hinges	.10 Pair	.65
6½	Pair No. 02114¼	Box Hinges	.08 Pair	.52
6½	Pair No. 02115¼	Box Hinges	.10 Pair	.65
6½	Pair No. 02116¼	Box Hinges	.15 Pair	.97½
6½	Pair No. 2120	Box Hinges	.15 Pair	.97½
½	Dozen No. 2606	Escutcheons	.02 Each	.12
½	Dozen No. 2607	Escutcheons	.02 Each	.12
½	Dozen No. 2618	Escutcheons	.05 Each	.30
½	Dozen No. 03000¼	Hinge Hasps	.08 Each	.48
½	Dozen No. 03002¼	Hinge Hasps	.10 Each	.60
1	Dozen No. 03004¼	Hinge Hasps	$0.10 Each	$0.60
½	Dozen No. 3013	Hinge Hasps	.15 Each	.90
½	Dozen No. 03015½	Hinge Hasps	.15 Each	.90
½	Dozen No. 03017¼	Hinge Hasps	.15 Each	.90
¼	Dozen No. 03306¼	Hinge Hasps	.40 Each	1.20
½	Dozen No. 3350¼	Padlock Eyes	.08 Each	.48
½	Dozen No. 3351¼	Padlock Eyes	.10 Each	.60
1	Dozen No. 3502¼	Mending Straps	.03 Each	.36
1	Dozen No. 3503¼	Mending Straps	.04 Each	.48
1	Dozen No. 3504¼	Mending Straps	.05 Each	.60
1	Dozen No. 3600¼	Mending Straps	.05 Each	.60
1	Dozen No. 3602¼	Brackets	.03 Each	.36
1	Dozen No. 3603¼	Brackets	.04 Each	.48
1	Dozen No. 3604¼	Brackets	.05 Each	.60
1	Dozen No. 3605¼	Brackets	.06 Each	.72
1	Dozen No. 3614¼	Corner Plates	.05 Each	.60
1	Dozen No. 3615¼	Corner Plates	.06 Each	.72
1	Dozen No. 3625¼	Corner Plates	.05 Each	.60
1	Dozen No. 3631¼	Corner Plates	.10 Each	1.20
1	Dozen No. 03700¼	Box Corners	.05 Each	.60
1	Dozen No. 03703¼	Box Corners	.10 Each	1.20
1	Dozen No. 3713½	Box Corners	.05 Each	.60
1	Dozen No. 03715¼	Box Corners	.08 Each	.96
43 11/12	Dozen.		Total Retail Value	$31.57

Shelves are arranged inside of Cabinet to accommodate all of the Hardware furnished with the Assortment, with room for more if desired.

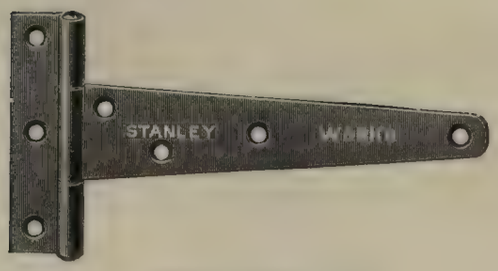
Each kind and size put up in a box and labeled with their respective numbers.

Weight Per Assortment, Complete, 35 Pounds.

One Assortment in a Case.

Tee Hinges.

LIGHT T



Wrought Steel, Plain.

Length, Inches	3	4	5	6	8
Size of Screws, Nos.	7	7	8	8	9
No. Screw Holes, Per Pair.	12	12	14	14	14
Wt. Per Dozen Pairs, Lbs.	2¾	3½	4¾	6¼	9½
Per Dozen Pairs	$0.52	.56	.70	.80	1.00

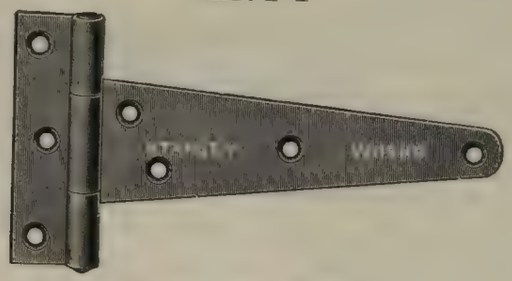
Open Stock.

No. 94—Wrought Steel, Plain, One Pair in a Box, with Screws.

Length, Inches	3	4	5	6
Size of Screws, Nos.	7	7	8	8
No. of Screw Holes, Per Pair.	12	12	14	14
Weight Per Dozen Pairs, Lbs.	3½	4¼	5½	10½
Per Dozen Pairs	$1.00	1.10	2.25	2.65

One Pair in a Box, with Screws.

HEAVY T

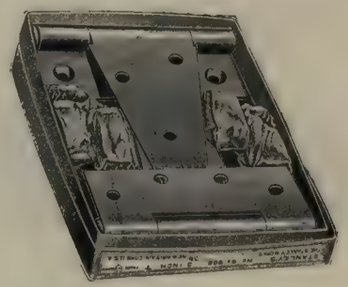


Wrought Steel, Plain.

Length, Inches	4	5	6	8	10
Weight Per Dozen Pairs, Lbs.	4¾	6¾	8¾	12	19
No. of Screw Holes, Per Pair	12	14	14	14	14
Size of Screws, Nos.	8	8	9	10	11
Per Dozen Pairs	$1.00	1.15	1.45	1.65	2.60

Open Stock.

EXTRA HEAVY T



Wrought Steel, Plain.

Length, Inches	4	5	6	8
Size of Screws, Nos.	10	10	11	13
No. of Screw Holes, Per Pair.	12	16	16	16
Wt. Per Dozen Pairs, Lbs.	7½	13½	21	36
Per Dozen Pairs	$1.15	1.45	1.80	3.00
Length, Inches		10	12	14
Size of Screws, Nos.		14	16	17
No. of Screw Holes, Per Pair.		18	20	20
Wt. Per Dozen Pairs, Lbs.		50	78	82
Per Dozen Pairs		$4.50	6.10	7.25

Open Stock.

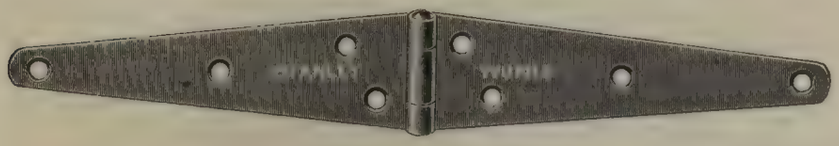
No. 98—Wrought Steel, Plain, One Pair in a Box, with Screws.

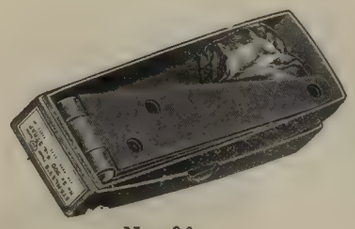
Length, Inches	4	5	6
Size of Screws, Nos.	10	10	11
No. of Screw Holes, Per Pair.	12	16	16
Wt. Per Dozen Pairs, Lbs.	8½	14½	22
Per Dozen Pairs	$2.25	2.80	3.40
Length, Inches		8	10
Size of Screws, Nos.		13	14
No. of Screw Holes, Per Pair.		16	18
Wt. Per Dozen Pairs, Lbs.		37	52
Per Dozen Pairs		$5.00	7.25

One Pair in a Box, with Screws.

Strap Hinges.

LIGHT STRAP





No. 90.

Wrought Steel, Plain.

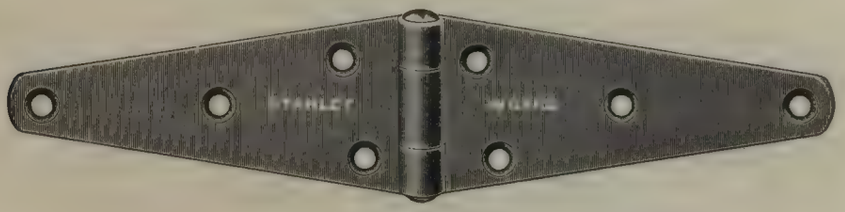
Length, Inches	3	4	5	6	8
Size of Screws, Nos	6	7	8	9	10
No. of Screw Holes, Per Pair	12	12	16	16	16
Weight Per Dozen Pairs, Lbs	2½	4	6¼	9	14½
Per Dozen Pairs	$0.54	.64	.80	1.00	1.50

Open Stock.

No. 90—Wrought Steel, Plain, One Pair in a Box, with Screws.

Length, Inches	3	4	5	6
No. of Screw Holes, Per Pair	12	12	16	16
Weight Per Dozen Pairs, Lbs	3	4½	7	10
Per Dozen Pairs	$1.10	1.35	1.60	1.75

HEAVY STRAP



No. 92.

Wrought Steel, Plain.

Length, Inches	4	5	6	8	10	12	14
Size of Screws, Nos	9	10	11	12	14	16	16
No. of Screw Holes, Per Pair	16	16	16	16	16	20	20
Weight Per Dozen Pairs, Lbs	6	10	19	34	51	82	91
Per Dozen Pairs	$0.85	1.15	1.40	2.25	3.35	5.00	6.50

Open Stock.

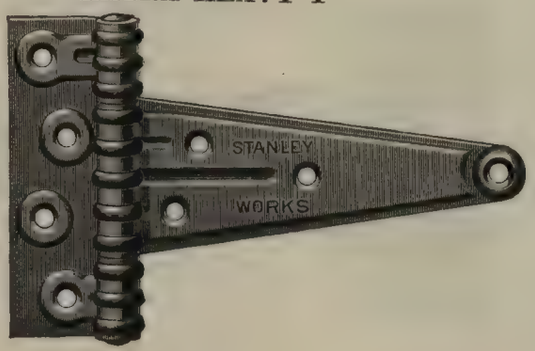
No. 92—Wrought Steel, Plain, One Pair in a Box, with Screws.

Length, Inches	4	5	6	8	10
No. of Screw Holes, Per Pair	16	16	16	16	16
Weight Per Dozen Pairs, Lbs	6½	10¾	20	35	53
Per Dozen Pairs	$1.45	1.90	2.25	3.35	5.00

Corrugated Strap and Tee Hinges.

HEAVY STRAP

EXTRA HEAVY T



Wrought Steel, Plain.

Length, Inches	4	5	6	Length, Inches	4	5	6
Size of Screws, Nos	9	10	11	Size of Screws, Nos	10	10	11
No. of Screw Holes, Per Pair	16	16	16	No. of Screw Holes, Per Pair	12	14	14
Wt. Per Dozen Pairs, Lbs	5¼	8¼	15	Wt. Per Dozen Pairs, Lbs	6¼	10½	17
Per Dozen Pairs	$0.90	1.25	1.60	Per Dozen Pairs	$1.30	1.60	2.00
Length, Inches	8	10	12	Length, Inches		8	10
Size of Screws, Nos	12	14	16	Size of Screws, Nos		13	14
No. of Screw Holes, Per Pair	16	16	20	No. of Screw Holes, Per Pair		14	16
Wt. Per Dozen Pairs, Lbs	25	38	60	Wt. Per Dozen Pairs, Lbs		27	40
Per Dozen Pairs	$2.60	3.80	5.75	Per Dozen Pairs		$3.35	5.00

Open Stock.

Extra Heavy T Hinges.

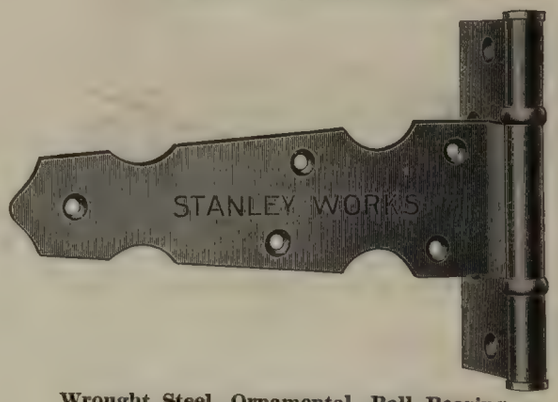
HART'S PATENT

Wrought Steel, Plain, Galvanized Inside Leaves.
No. 931—Extra Heavy.

Length, Inches	6	8	10	12	14
Size of Screws, Nos.	11	13	14	16	16
No. of Screw Holes, Per Pair.	14	14	16	20	20
Wt. Per Dozen Pairs, Lbs.	25	42	60	90	125
Per Dozen Pairs	$3.85	6.20	9.00	13.00	15.50

Open Stock.

GARAGE DOOR HINGES



Wrought Steel, Ornamental, Ball Bearing.
No. 1457/Z—Sherardized Finish.

Length, Inches	10
Size of Screw, No.	14
No. of Screw Holes, Per Pair	16
Weight Per Dozen Pairs, Lbs.	60
Per Dozen Pairs	$48.00

One Pair in a Box, with Screws.

Screw Hook and Eye Hinges.

All Steel.

Diameter, Inches	½	⅝	¾
Approx. Wt. Per Dozen Pairs, Lbs.	15	25	40
Per Pound	$0.21	.16	.14

Open Stock.

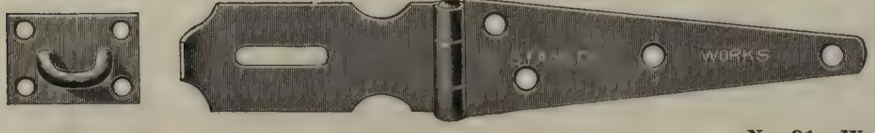
Screw Hook and Strap Hinges.

All Steel.

Strap, Inches	6	8	10	12	14	16
Weight Per Dozen, Lbs.	21	25	48	54	65	70
Per Pound	$0.09	.09	.09	.09	.08	.08
Strap, Inches	18	20	22	24	26	
Weight Per Dozen, Lbs.	91	110	130	160	170	
Per Pound	$0.08	.08	.07½	.07½	.07½	
Strap, Inches	28	30	32	34	36	
Weight Per Dozen, Lbs.	180	240	250	266	280	
Per Pound	$0.07½	.07½	.07½	.07½	.07½	

Open Stock.

Hinge Hasps.



Wrought Steel, Plain.

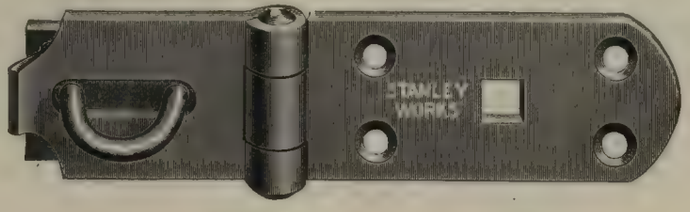
Length, Inches	3	4½	6	8	10
Size of Screws, Nos.	6	7	9	10	10
No. of Screw Holes, Each.	7	7	8	8	8
Weight Per Dozen, Lbs.	2	2¾	5	7¾	12½
Per Single Dozen	$0.75	.90	1.00	1.50	2.25

Open Stock.

No. 91—Wrought Steel, Plain, Three Pair in a Box, with Screws.

Length, Inches	3	4½	6
Size of Screws, Nos.	6	7	9
No. of Screw Holes, Each.	7	7	8
Weight Per Dozen, Lbs.	2½	3¼	5¾
Per Single Dozen	$1.10	1.40	1.65

Three Pairs in a Box, with Screws.



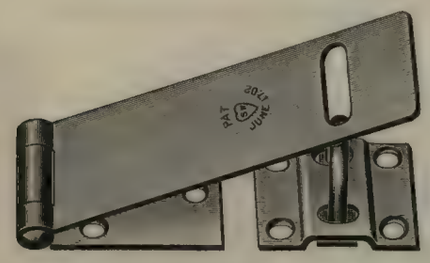
Extra Heavy, Wrought Steel, Japanned.

Per Single Dozen

No. 941J—7½ in. Long, 1¾ in. Wide, ⅛ in. Thick **$5.00**

Weight Per Dozen 10 Pounds.
One-half Dozen in a Box, with Screws.

Safety Hasps.



One-half Size Cut of 4½ in.

No. 915—Wrought Steel, without Screws.

Length, Inches	3	4½	6
Width at Joint, Inches	1½	1½	1⅞
Weight Per Dozen, Lbs.	3½	4	9
Per Dozen	$1.60	1.80	2.60

No. 915/J—Japanned, with Screws.

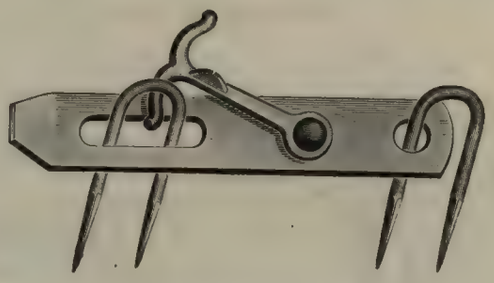
Length, Inches	3	4½	6
Per Dozen	$1.70	2.25	2.80

No. 1310/G—Galvanized, Brass Pins, with Screws.

Length, Inches	3	4½	6
Per Dozen	$2.25	2.60	3.90

One Dozen in a Box.

Hasps, Hooks and Staples.



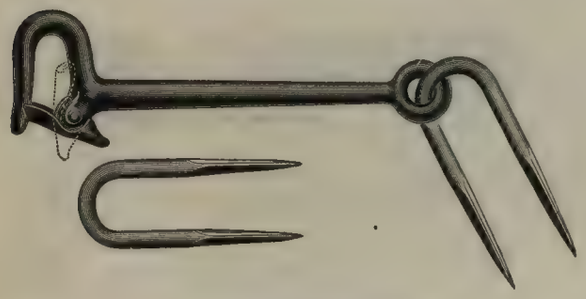
One-half Size Cut of 5 in.

No. 30—Wrought Steel.

Length, Inches	6	7	8	9	10
Weight Per Dozen, Lbs.	2½	3	4	4½	5½
Per Dozen	$0.36	.40	.45	.55	.65

One Dozen in a Box.

Safety Gate Hooks



One-half Size Cut of 5 in.

No. 100—Malleable Iron Hook, Wrought Steel Staple, Tinned.

Length, Inches	4	5	6
Weight Per Gross, Lbs.	24	27	30
Per Gross	$13.00	14.00	17.00

One-sixth Gross in a Box.

Round Hooks and Staples.

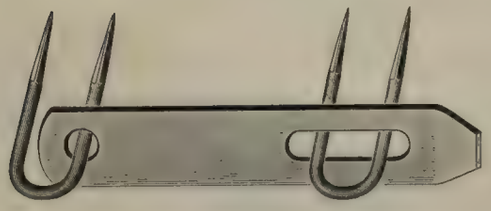
One-half Size Cut of 5 in.

No. 15—Bright Wire, Extra Heavy.

Size, Inches	4x¼	5x$\frac{5}{16}$	6x$\frac{5}{16}$
Weight Per Gross, Lbs.	20	30	37
Per Gross	$3.35	5.60	6.75

One-quarter Gross in a Box.

Hasps and Staples.



One-half Size Cut of 5 in.

No. 20—Wrought Steel.

Length, Inches	5	6	7	8	9	10
Weight Dozen, Lbs.	1½	2	2½	3½	4¼	5
Per Dozen	$0.24	.26	.28	.34	.45	.52

One Dozen in a Box.

Cut One-half Size.

Per Dozen

No. 8—Perfect, 8 in., Wrought Steel $0.90

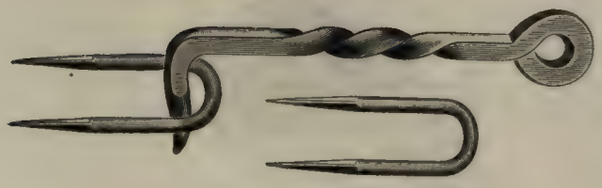
Operated by simply letting hook drop into place. It is adjustable to right or left hand. Very strong, cannot be opened accidentally and can be locked with a padlock.

Weight Per Dozen 4 Pounds.

One Dozen in a Box.

Hooks and Staples.

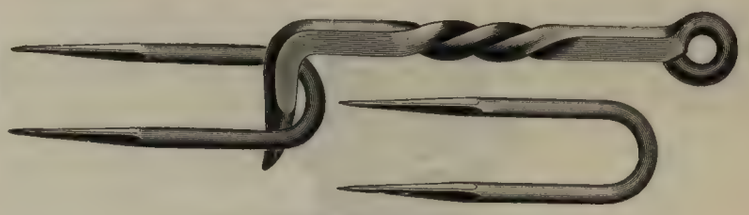
Cuts One-half Size



No. 10—Wrought Steel, Twisted.

Length, Inches	3	3½	4	4½	5
Weight Gross, Lbs...	12	14	16	18	22
Per Gross	$2.00	2.25	2.50	2.75	3.00
Length, Inches		5½	6	7	8
Weight Gross, Lbs...		25	28	32	36
Per Gross		$3.25	3.50	5.50	6.25

3 to 6 in., One-quarter Gross; 7 and 8 in., One-sixth Gross in a Box.



No. 110—Wrought Iron, Extra Heavy, Twisted.

Length, Inches	4	5	6
Weight Per Gross, Lbs.....	24	40	48
Per Dozen	$5.80	7.10	8.50

One-quarter Gross in a Box.

Trap Door Rings.

One-half Size Cut No. 55, 2 in.

No. 55—Wrought Steel, with Staple.

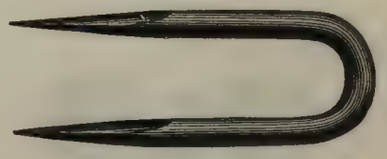
Size, Inches	1¾	2	2¼	2½	3
Weight Per Gross, Lbs..	15	17	19	21	24
Per Gross	$4.56	4.80	5.25	5.70	7.80

No. 50—Wrought Steel, without Staples.

Size, Inches	2½	3
Weight Per Gross, Lbs.....	16	32
Per Gross	$5.00	7.00

One-quarter Gross in a Box.

Wrought Staples.



Full Size Cut of 2 in.

No. 5—Wrought Steel.

Inches	1	1¼	1½	1¾	2	2¼	2½
Wt. Gross, Lbs....	¾	1	1½	2	2½	3	4
Per Gross	$0.32	.32	.34	.40	.45	.54	.65
Inches		2¾	3	3½	4	4½	5
Wt. Gross, Lbs...		5	6	8½	11	14	18
Per Gross		$0.72	.85	1.25	1.40	1.75	2.20

1 to 2½ in., One Gross; 2¾ to 4 in., One-half Gross; 4½ and 5 in., One-quarter Gross in a Box.

Hitching Rings.

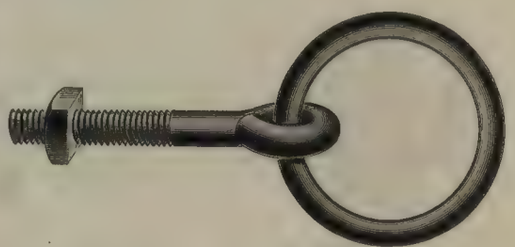
Cuts One-half Size

Wrought Steel Screw and Ring, Solid Forged Eye.

Size of Ring 2½ in.

	Per Dozen
No. 15—Plain, Weight Per Dozen About 3 Lbs.....	$1.10
No. 17—Galvanized, Weight Per Dozen About 3 Lbs...	1.35

One Dozen in a Box.



Wrought Steel Screw and Ring, with Nut.

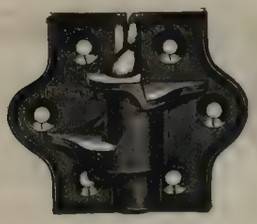
Size of Ring 2¾ in., Length Under Eye 3½ in.

	Per Dozen
No. 137—Galvanized, Weight Per Dozen About 4½ Lbs.	$2.00

One Dozen in a Box.

Blind Hinges.

CLARK'S, GRAVITY LOCKING



Plain Cast Iron.

	Per Dozen Sets
No. 1—For Wood, Throws the Blind 1¼ in. from Casing, Weight Per Dozen Sets About 14 Lbs..	$ 2.00
No. 3—For Brick, Throws the Blind 3¼ in. from Casing, Weight Per Dozen Sets About 25 Lbs..	3.20
No. 5—For Brick, Throws the Blind 4½ in. from Casing, Weight Per Dozen Sets About 47 Lbs..	8.50

No. 1, Six Dozen; No. 3, Four Dozen; No. 5, Two Dozen Sets in a Case.

Gate Hinges.

CLARK'S

Plain Cast Iron.

	Per Dozen Sets
No. 2—With No. 2 Gate Latch, Either Right or Left Hand, to Swing Both Ways, Weight Per Dozen Sets About 52 Lbs.	$6.75
No. 02—Without Gate Latch, Otherwise Same as No. 2, Weight Per Dozen Sets About 43 Lbs.	5.00

One-twelfth Dozen Sets in a Box; Two Dozen Sets in a Case.

Gate Hinges.

CLARK'S

Plain Cast Iron.

	Per Dozen Sets
No. 1—With No. 1 Gate Latch, Either Right or Left Hand, to Swing One Way, Weight Per Dozen Sets About 21 Lbs.	$5.00
No. 01—Without Latch, Either Right or Left Hand, to Swing One Way, Weight Per Dozen Sets About 16 Lbs.	3.50

One-twelfth Dozen Sets in a Box; Two Dozen Sets in a Case.

Gate Latches.

CLARK'S

Plain Cast Iron.

Surface.

	Per Dozen
No. 1—For Gates to Swing One Way	$1.75

Weight Per Dozen About 12 Pounds.

Plain Cast Iron.

Mortise.

	Per Dozen
No. 2—For Gates to Swing Both Ways	$1.80

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box; Six Dozen in a Case.

RHOAD'S

Plain Cast Iron.

Japanned.

	Per Dozen
No. 21—For Gates to Swing One Way	$1.15

Weight Per Dozen About 8 Pounds.

One Dozen in a Box.

Spring Hinges.

CHICAGO "TRIPLEX"

Nos. 2002 to 2182.

Single Action, Wrought Steel.

No. 2002/J—Japanned Dead Black Finish.

Size, Inches	3	4	5	6
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾
Weight Per Pair, Lbs	1⅜	1⅞	2⅞	4¼
Per Pair	$0.80	1.00	1.28	1.80

No. 2132/L—Bronze Plated, Light Natural Finish.

Size, Inches	3	4	5	6
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾
Per Pair	$1.00	1.20	1.60	2.20

No. 2172/OC—Old Copper Finish.

Size, Inches	3	4	5	6
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾
Per Pair	$1.20	1.40	1.80	2.48

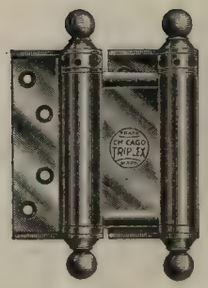
No. 2282/DB—Dull Brass Finish.

Size, Inches	3	4	5	6
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾
Per Pair	$1.20	1.40	1.80	2.48

No. 2182/DBS—Dull Brass, Sand Blast Finish.

Size, Inches	3	4	5	6
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾
Per Pair	$1.60	1.92	2.40	3.20

Double Action, Wrought Steel.



Nos. 2001 to 2181.

No. 2001/J—Japanned Dead Black Finish.

Size, Inches	3	4	5	6	7	8
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾	1⅜ to 2	1½ to 2¼
Weight Per Pair, Lbs	2½	3½	5⅜	8	10¾	14½
Per Pair	$1.60	2.00	2.52	3.52	4.48	6.48

No. 2131/L—Bronze Plated, Light Natural Finish.

Size, Inches	3	4	5	6	7	8
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾	1⅜ to 2	1½ to 2¼
Per Pair	$2.00	2.40	3.12	4.32	5.52	8.00

No. 2171/OC—Old Copper Finish.

Size, Inches	3	4	5	6	7	8
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾	1⅜ to 2	1½ to 2¼
Per Pair	$2.20	2.80	3.52	4.88	6.32	9.00

No. 2281/DB—Dull Brass Finish.

Size, Inches	3	4	5	6	7	8
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾	1⅜ to 2	1½ to 2¼
Per Pair	$2.20	2.80	3.52	4.88	6.32	9.00

No. 2181/DBS—Dull Brass, Sand Blast Finish.

Size, Inches	3	4	5	6	7	8
For Doors, Inches	¾ to 1	⅞ to 1¼	1⅛ to 1½	1¼ to 1¾	1⅜ to 2	1½ to 2¼
Per Pair	$3.00	3.80	4.80	6.32	8.08	11.20

Packed One Pair in a Box, with Screws.

In Ordering, Always State the Number and Size.

If for any reason it is necessary to take the hinge apart, unscrew the ball tip with a pair of pliers or vise. It is secured against unscrewing in use by a ratchet locking device.

Thickness given is for doors of medium weight and width. If heavy or wide, use as large a hinge as thickness of door will permit.

Nos. 83 to 87.

GEM

Cast Iron.

Double Action, Japanned, Ball Tips.

Nos.	83	84	85	86	87
For Doors, Inches	¾ to 1⅛	1 to 1⅜	1 to 1½	1 to 1¾	1¼ to 2
For Doors, Feet	6x2	7x2	7x2¼	7x2½	8x2½
Length of Flange, Inches	3½	4	5	6	7
Weight Per Pair, Lbs	3	4	5½	8½	11
Per Pair	$2.50	2.75	3.50	4.85	6.25

One Pair in a Box, with Screws.

Spring Butts.

Nos. 1 to 281. Open.

"CHICAGO," DOUBLE ACTING.

Wrought Steel.

No. 1/J—Japanned Dead Black Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Weight Per Pair, Lbs	4⅜	5¾	10	16	22
Per Pair	$2.05	2.50	4.10	6.25	11.75

No. 131/L—Bronze Plated, Light Natural Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Per Pair	$2.50	3.10	5.00	7.65	14.00

No. 171/OC—Old Copper Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Per Pair	$3.50	4.15	5.85	9.00	16.00

No. 281/DB—Dull Brass Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Per Pair	$3.50	4.15	5.85	9.00	16.00

Nos. 1 to 281. Closed.

Blank Butts.

"CHICAGO," DOUBLE ACTING.

Wrought Steel.

Nos. 3 to 283.

No. 3/J—Japanned Dead Black Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Weight Per Pair, Lbs	1¼	1½	2½	3½	5
Per Pair	$1.05	1.25	2.05	3.15	5.85

No. 133/L—Bronze Plated, Light Natural Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Per Pair	$1.25	1.60	2.50	3.80	7.10

No. 173/OC—Old Copper Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Per Pair	$1.80	2.15	3.00	4.50	8.00

No. 283/DB—Dull Brass Finish.

For Doors, Inches	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½
Per Pair	$1.80	2.15	3.00	4.50	8.00

Packed One Pair in a Box, with Screws.

In Ordering, Always State Number and Size.

To economize for light doors, put a Chicago Spring Butt at the top and a Chicago Blank Butt at the bottom of the door; always putting the Blank Butt below the Spring Butt. Never use a Blank on outside doors, as it takes the full power of two springs to hold door against draught.

Mortise Floor Spring Hinges.

MATCHLESS, DOUBLE ACTING, BALL BEARING

Planished Steel Plate.

Japanned Dead Black Finish.

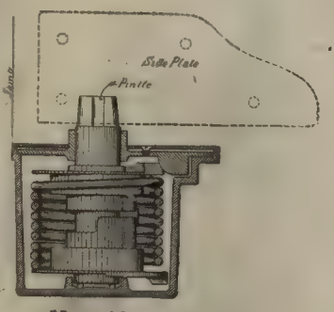
Nos.	12/J	13/J	14/J
For Doors, Inches	⅞ to 1½	1⅜ to 2	2 to 2½
Weight Per Set, Lbs	5	7	10
Per Set	$2.50	2.80	3.40

Old Copper Finish.

Nos.	062/OC	063/OC	064/OC
For Doors, Inches	⅞ to 1½	1⅜ to 2	2 to 2½
Per Set	$3.05	3.65	4.40

Dull Brass Finish.

Nos.	052/DB	053/DB	054/DB
For Doors, Inches	⅞ to 1½	1⅜ to 2	2 to 2½
Per Set	$3.05	3.65	4.40



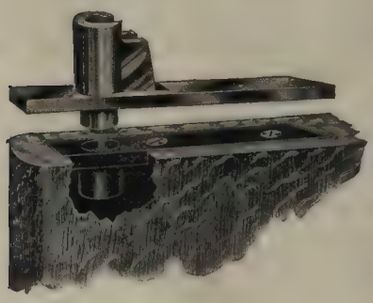
Nos. 12 to 054.

The Ball Bearings Insure a Minimum of Friction, Operate Easily and without Noise. Matchless Hinges are Correctly Set Up for Doors Specified and Require no Adjusting.

One Set in a Box, with Screws.

Surface Floor Hinges.

CHICAGO "RELAX"



Adjustable Top Pivot.

Top Socket.

Ball Bearing, Wrought Steel.

Japanned Dead Black Finish.

Nos.	6001⅛/J	6001½/J
For Doors, Inches	1⅛ to 1½	1½ to 2
Weight Per Set, Lbs	5½	7½
Per Set	$2.50	3.70

Bronze Plated, Light Natural Finish.

Nos.	6131⅛/L	6131½/L
For Doors, Inches	1⅛ to 1½	1½ to 2
Per Set	$3.40	4.70

Old Copper Finish.

Nos.	6171⅛/OC	6171½/OC
For Doors, Inches	1⅛ to 1½	1½ to 2
Per Set	$4.00	5.00

Dull Brass Finish.

Nos.	6281⅛/DB	6281½/DB
For Doors, Inches	1⅛ to 1½	1½ to 2
Per Set	$4.00	5.00

Dull Brass, Sand Blast Finish.

Nos.	6381⅛/DBS	6381½/DBS
For Doors, Inches	1⅛ to 1½	1½ to 2
Per Set	$4.30	6.10

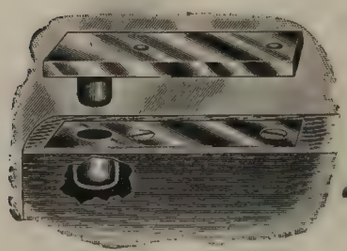
The Chicago "Relax" Spring Hinge is fully adapted to the highest class of requirements and is substantially constructed. It has spring power for the most excessive demands, a simple tension adjustment and ball bearings on which the weight of the door is carried.

The spring action is readily released by a small Lever protruding from the Side Plates and is operated by the Foot, allowing the door to be placed open at any desired position. The Spring comes into action automatically when the door is closed.

The "Adjustable Top Pivot" is always furnished with this hinge permitting the door to be readily taken down and allowing full clearance of doorway.

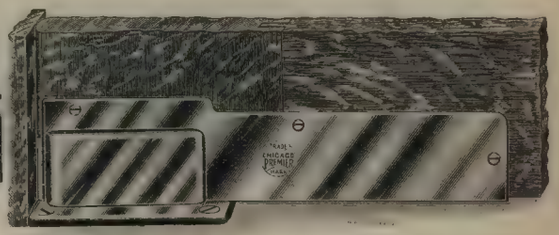
One Set in a Box, with Screws.

CHICAGO "PREMIER"



Top Pivot and Socket.

Exposed View.



Applied View.

Ball Bearing, Wrought Steel.

Japanned Dead Black Finish.

Nos.	4001/J	4001⅛/J
For Doors, Inches	1⅛ to 1¾	1¾ to 2¾
Weight Per Set, Lbs	4	7½
Per Set	$2.25	3.00

Bronze Plated, Light Natural Finish.

Nos.	4131/L	4131⅛/L
For Doors, Inches	1⅛ to 1¾	1¾ to 2¾
Per Set	$2.60	3.50

Dull Brass Finish.

Nos.	4281/DB	4281⅛/DB
For Doors, Inches	1⅛ to 1¾	1¾ to 2¾
Per Set	$2.80	3.75

Old Copper Finish.

Nos.	4171/OC	4171⅛/OC
For Doors, Inches	1⅛ to 1¾	1¾ to 2¾
Per Set	$2.80	3.75

Dull Brass, Sand Blast Finish.

Nos.	4381/DBS	4381⅛/DBS
For Doors, Inches	1⅛ to 1¾	1¾ to 2¾
Per Set	$3.35	4.20

The Chicago "Premier" Spring Hinge is a first quality hinge and a high grade article in every respect.

This hinge holds the door open when it is swung to ninety degrees. The weight of the door is carried on ball bearings, the eccentric is equipped with hardened steel roller bearings, and the piston is made of drop forged steel.

The compression spring is made of the best tempered steel flat wire, producing the greatest efficiency and durability. The tension is adjustable.

The alignment feature is readily accessible at any time and is adjusted by turning a single screw. This eliminates any possibility of improper usage of this feature.

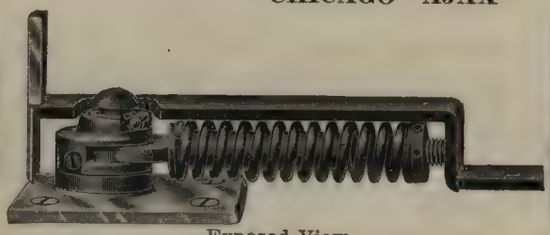
The attaching plate serves as a templet for cutting the door, requiring only the use of a saw and eliminates mortising projecting arms into the edges of the door.

One Set in a Box, with Screws.

Surface Floor Hinges.

CHICAGO "AJAX"

Top Pivot and Socket.



Exposed View.

Applied View.

Ball Bearing, Wrought Steel.
Japanned Dead Black Finish.

	Per Set
No. 3001/J—For Doors 1⅛ to 1¾ in.	**$1.50**

Bronze Plated, Light Natural Finish.

	Per Set
No. 3131/L—For Doors 1⅛ to 1¾ in.	**$1.90**

Dull Brass Finish.

	Per Set
No. 3281/DB—For Doors 1⅛ to 1¾ in.	**$2.00**

Old Copper Finish.

	Per Set
No. 3171/OC—For Doors 1⅛ to 1¾ in.	**$2.00**

Dull Brass, Sand Blast Finish.

	Per Set
No. 3381/DBS—For Doors 1⅛ to 1¾ in.	**$2.25**

The Chicago "Ajax" Spring Hinge is substantial in construction. It is a very durable hinge.

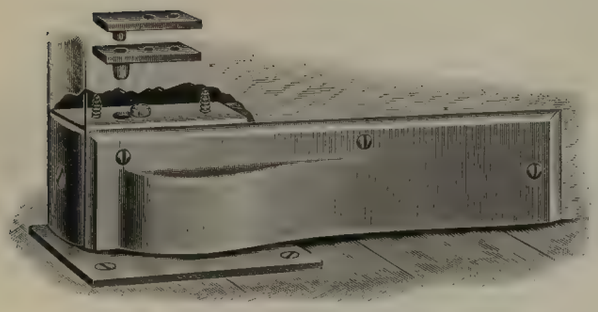
This hinge holds the door open when it is swung to ninety degrees. The weight of the door is carried on ball bearings which are located at the top of the hinge away from moisture and dirt. The eccentric is equipped with hardened steel roller bearings.

The compression spring is made of the best tempered steel wire and the tension is adjustable. The alignment feature is conveniently located and is both simple and practicable.

Weight Per Set 4 Pounds.

One Set in a Box, with Screws.

Surface Floor Hinges.



Wrought Steel, with Holdback.
For Doors 1¼ to 1½ in. Thick.

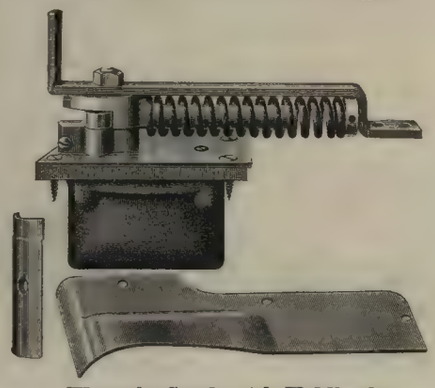
	Per Set
No. 5/OC —Old Copper Finish	**$1.60**
No. 5/DB —Dull Brass Finish	**1.60**
No. 5/DBS—Dull Brass, Sand Blast Finish	**1.75**

Allows Door to Remain Open at 90 Degrees.

Weight Per Set 5 Pounds.

One Set in a Box, with Screws.

Checking Floor Hinges.



Wrought Steel, with Holdback.
Double Acting, for Doors 1¼ to 1¾ in. Thick.

	Per Set
No. 4/OC —Old Copper Finish	**$10.00**
No. 4/DB —Dull Brass Finish	**10.00**
No. 4/DBS—Dull Brass, Sand Blast Finish	**10.75**

The Checking Floor Hinge is a Combination Liquid Door Check and Spring Floor Hinge. Spring Tension Adjustment, Perfect Alignment can be obtained without removing Side Plates. The Checking Device, which is a part of Hinge, is contained in Cast Iron Cup filled with a Non-freezing Liquid; the Checking Power is regulated by Set Screw in Top of Floor Plate. The Door is under perfect control at all times, positive hold back at 90 degrees.

Weight Per Set 5 Pounds.
One Set in a Box, with Screws.

No. 3.

Pivot Door Checks.

Wrought Steel, for Double Acting Doors 1¼ to 1½ in. Thick.

	Each
No. 3/OC —Old Copper Finish	**$6.10**
No. 3/DB —Dull Brass Finish	**6.10**
No. 3/DBS—Dull Brass, Sand Blast Finish	**6.75**

A Device to be attached to Top of Door to Control Double Action. This allows Door to close slowly and stop at center. The Checking Power is regulated by Set Screw in Side Plate at Top of Door. This Check can be used in connection with any type of surface floor hinges.

Weight Each 2 Pounds.
One Set in a Box, with Screws.

Spring Hinges.

Cuts One-half Size

Show Case.

Per Dozen Pairs

No. 160 — 1⅛ in., Wrought Brass **$3.35**

Weight Per Dozen Pairs 2½ Pounds.

One Dozen Pairs in a Box.

3 in., Adjustable Tension.

Heavy Stamped Steel, Best Oil Tempered Spring Wire Spring.

Per Dozen Pairs

No. 2/J —Japanned **$4.00**
No. 2/OC—Old Copper Finish.. **6.00**
No. 2/DB—Dull Brass Finish.. **6.00**

Weight Per Dozen Pairs 3 Pounds.

One Dozen Pairs in a Box.

Single Acting.

Per Dozen Pairs

No. 1—2⅝ in., Wrought Brass.. **$3.35**
No. 3—3 in., Wrought Brass.. **5.00**

Weight Per Dozen Pairs About 2 Lbs.

One Dozen Pairs in a Box.

Double Acting.

3 in., Cast Iron.

Per Dozen Pairs

No. 127—Japanned **$4.00**

Weight Per Dozen Pairs 22 Pounds.

Onee-half Dozen Pairs in a Box, without Screws.

Hold-Back.

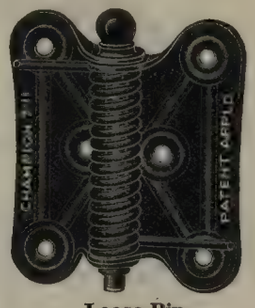
3 in., Cast Iron, Single Acting, Covered Steel Spring.

Per Dozen Pairs

No. 20/J —Japanned **$1.45**
No. 20/OC—Old Copper Finish.. **2.80**

Weight Per Dozen Pairs 12 Pounds.

One-half Dozen Pairs in a Box, without Screws; One-half Gross Pairs in a Case.



Loose-Pin.

3 in., Wrought Steel, Single Acting, Steel Spring.

Per Dozen Pairs

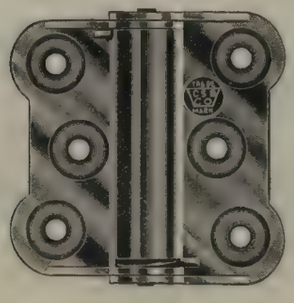
No. 711/J —Japanned **$1.70**
No. 711/OC—Old Copper Finish. **3.35**
No. 711/DB—Dull Brass Finish. **3.35**

Weight Per Dozen Pairs 10 Pounds.

No. 711/J, One Dozen Pairs in a Box, **without Screws.**

Nos. 711/OC and 711/DB, One Dozen Pairs in a Box, **with Screws.**

One-half Gross Pairs in a Case.



Non-Adjustable Tension.

2¾ in., Wrought Steel, Single Acting, Covered Steel Spring.

Per Dozen Pairs

No. 505/J—Japanned **$1.90**

One Dozen Pairs in a Box, **without Screws.**

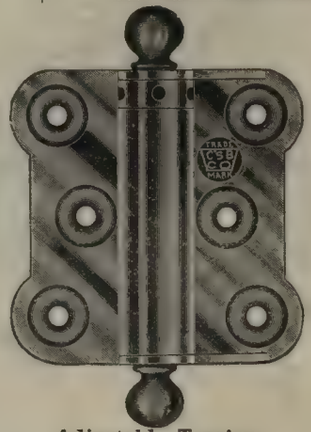
Per Dozen Pairs

No. 505/OC—Old Copper Finish **$4.00**
No. 505/DB—Dull Brass Finish **4.00**

Weight Per Dozen Pairs 9 Pounds.

One Dozen Pairs in a Box, **with Screws.**

One Gross Pairs in a Case.



Adjustable Tension.

3 in., Wrought Steel, Single Acting, Covered Steel Spring.

Per Dozen Pairs

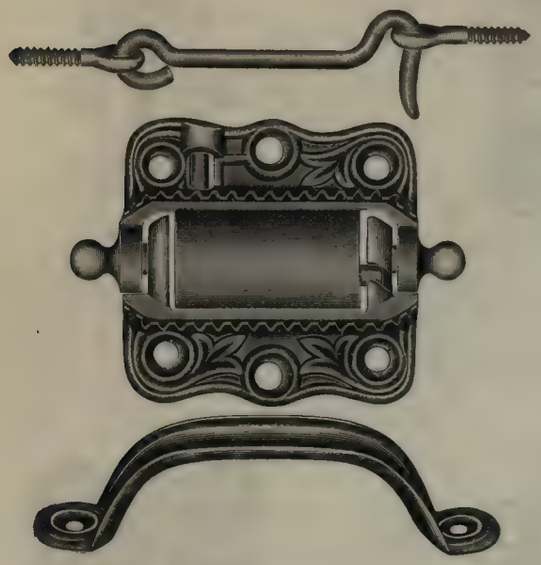
No. 3005/J —Japanned ..... **$ 7.80**
No. 3005/OC —Old Copper Finish **12.25**
No. 3005/DB —Dull Brass Finish **12.25**
No. 3005/DBS—Dull Brass, Sand Blast Finish..... **16.00**

Weight Per Dozen Pairs 15 Pounds.

One Dozen Pairs in a Box, with Screws.

Screen Door Sets.

Cuts One-half Size



In Sets Complete.

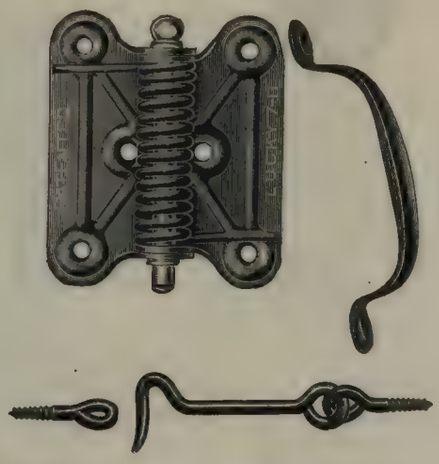
Per Dozen Sets

No. S20/J—Consisting of One Pair Japanned Spring Hinges, One 2½ in. Bright Wire Hook and Eye, One Wrought Steel Old Copper Finish Door Pull **$2.70**

Weight Per Dozen Sets 15 Pounds.

One Set in a Box, with Screws.

One-half Gross Sets in a Case.



In Sets Complete.

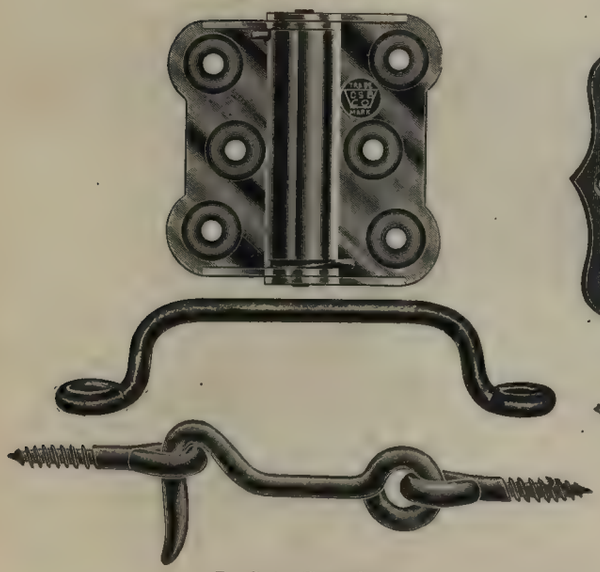
Per Dozen Sets

No. S/711/J—Consisting of One Pair No. 711/J Japanned Loose Pin Spring Hinges, One 2½ in. Bright Wire Hook and Eye, One Wrought Steel Japanned Door Pull..... **$2.70**

Weight Per Dozen Sets 13 Pounds.

One Set in a Box, with Screws.

One-half Gross Sets in a Case.



In Sets Complete.

Per Dozen Sets

No. S/505/J—Consisting of One Pair No. 505 Wrought Steel Japanned Spring Hinges, One 2½ in. Bright Wire Hook and Eye, One Wrought Steel Brass Plated Door Pull.. **$3.10**

Weight Per Dozen Sets About 14 Pounds.

One Set in a Box, with Screws; One Gross Sets in a Case.

In Sets Complete.

Per Dozen Sets

No. 1750/J —Consisting of One Pair 3x3 in. Japanned Ornamental Wrought Steel Butts, One Wire Door Spring, One 5 in. Japanned Wrought Steel Door Pull, One 2½ in. Wire Hook and Eye..... **$2.90**

No. 1750/OC—Same Description as No. 1750, but Old Copper Finish **3.40**

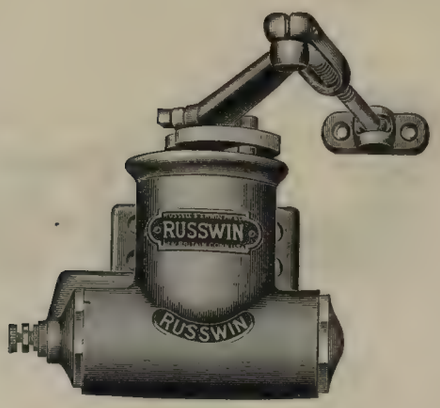
No. 1750/DB—Same Description as No. 1750, but Dull Brass Finish **3.40**

Weight Per Dozen Sets About 15 Pounds.

One Set in a Box, with Screws; One Gross Sets in a Case.

Door Springs and Checks.

RUSSWIN LIQUID, REVERSIBLE



Cut Shows Extra Springs.

Cut Shows Soffit Bracket.

Cut Shows Corner Bracket.

Gold Bronzed.

	Each
No. A—For Screen and Light Inside Doors, Weight Each About 6½ Lbs.	$ 5.20
No. B—For Inside Doors, Not Exceeding 3 ft. Wide, Weight Each About 10 Lbs.	6.80
No. C—For Outside Doors, Not Exceeding 2½ ft. Wide, Weight Each About 13 Lbs.	8.00
No. D—For Outside Doors, Not Exceeding 3 ft. Wide, Weight Each About 17 Lbs.	9.60
No. E—For Heavy Outside Doors and Large Doors Operated Against Very Strong Draughts, Weight Each About 19 Lbs.	12.80

One in a Box, with Screws and Directions.

The Russwin Check can be applied to either a Right or Left Hand Door without reversing either the arm or spring. The Spring employed is of the coil wire type in place of the flat band spring generally in use, and has been tested and proved by fifteen years of car door service.

Note—If the Door is Subject to Strong Draughts, Use One Size Larger than Specified.

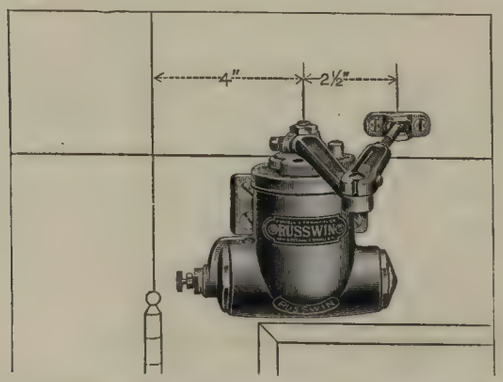


Fig. 1—Right Hand Door from Inside. Use Right Hand Check.

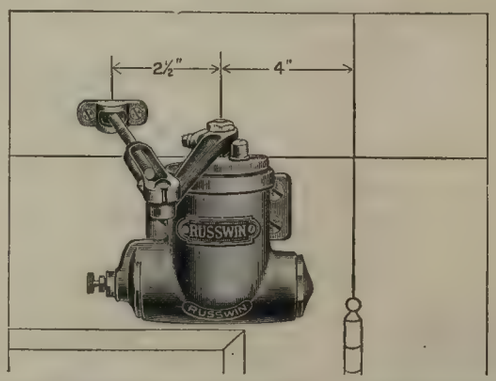


Fig. 2—Left Hand Door from Inside. Use Left Hand Check.

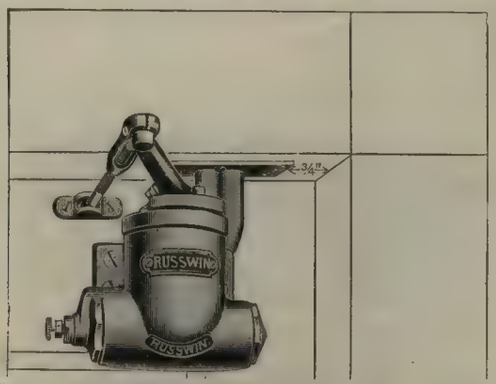


Fig. 3—Right Hand Door from Outside. Use Left Hand Check, Soffit Bracket.

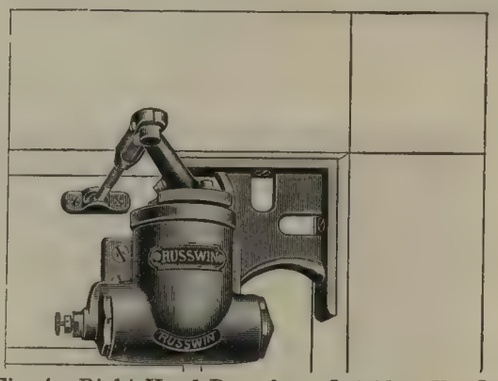


Fig. 4—Right Hand Door from Outside. Use Left Hand Check, Corner Bracket.

BRACKETS AND SPRINGS FOR RUSSWIN DOOR CHECKS

For Checks, Nos.		A	B	C	D	E
No. 50—Soffit Bracket	Each,	$0.24	.32	.48	.56	.64
No. 75—Corner Bracket	Each,	.80	.96	1.04	1.12	1.20
No. 100—Extra Springs	Each,	.50	.65	.80	1.05	1.75

Door Springs and Checks.

PRITZLAFF LIQUID, REVERSIBLE

Cut Shows Soffit Bracket.

Cut Shows Flush Bracket.

Cut Shows Corner Bracket.

Cast Iron, Gold Bronzed.

	Each
No. 1P—For Screen Doors and Light Narrow Inside Doors, Weight Each About 6½ Lbs.	$ 5.60
No. 2P—For Light Inside Doors, Pantry Doors, Etc., not Over 3x7 ft. by 1½ in., Weight Each About 10 Lbs.	6.50
No. 3P—For Medium Size Inside Doors and Light Outside Doors, not Over 3x7 ft. by 2 in., Weight Each About 13 Lbs.	8.25
No. 4P—For General Use on Inside Doors and Medium Outside Doors, not Over 3x8 ft. by 2¼ in., Weight Each About 17 Lbs.	10.00
No. 5P—For Heavy and Wide Outside Doors, not Over 3½x8 ft. by 2½ in., Weight Each About 19 Lbs.	13.00
No. 6P—For Extra Heavy and Wide Outside Doors, Weight Each About 22 Lbs.	16.00

Pritzlaff's Liquid Door Check and Spring is suitable for either Right or Left Hand Doors by removing top cap and reversing spring. The Spring is adjustable tension, very compact and powerful, and is made from extra heavy clock spring steel of the finest quality. The check can be instantly varied for light or heavy draft by the regulating thumb screw. Door is absolutely under control all the way while closing.

One in a Box, with Screws and Directions.

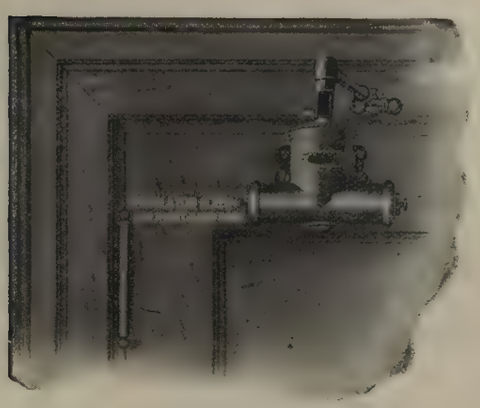
Note—If the Door is Subject to Strong Draughts Use One Size Larger than Specified.

BRACKETS FOR PRITZLAFF DOOR CHECKS

For Check, Nos.	1P	2P	3P	4P	5P	6P
No. 55—Soffit Brackets ..... Each,	$0.24	.32	.48	.56	.64	.75
No. 85—Flush Brackets ..... Each,	.50	.50	.60	.80	.90	.90
No. 95—Corner Brackets ..... Each,	.80	.96	1.04	1.12	1.20	1.40

EXTRA SPRINGS FOR PRITZLAFF DOOR CHECKS

For Check, Nos.	1P	2P	3P	4P	5P	6P
Each	$0.50	.65	.80	1.05	1.75	2.00

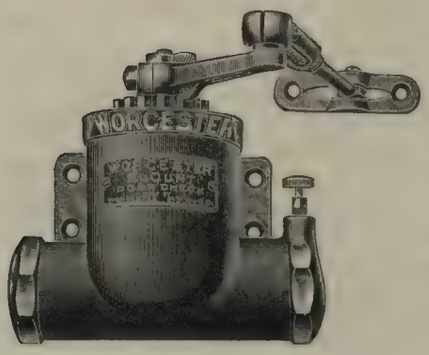


Cut Shows Check on Right Hand Door.

Cut Shows Check on Left Hand Door.

Door Springs and Checks.

BLOUNT LIQUID



Gilt Finish, Nickel Plated Caps.
Reversible for Right or Left Hand Door.

	Each
No. 1—For Screen Doors, Weight Each 5 Lbs.	$4.80
No. 2—For Inside Doors Not Over 3 ft. Wide and 1½ in. Thick, Weight Each About 7¼ Lbs.	6.40
No. 3—For Vestibule and Light Outside Doors Not Over 2½ ft. Wide and 2 in. Thick, Weight Each About 8½ Lbs.	7.50
No. 4—For Light Outside Doors Not Over 3 ft. Wide and 2 in. Thick, Weight Each About 12 Lbs.	9.00
No. 5—For Large Doors Not Over 4 ft. Wide and 2½ in. Thick, Weight Each About 17 Lbs.	12.00
No. 6—For Extra Heavy Outside Doors, Power is Four Times Greater than No. 4, Weight Each About 20½ Lbs.	15.00

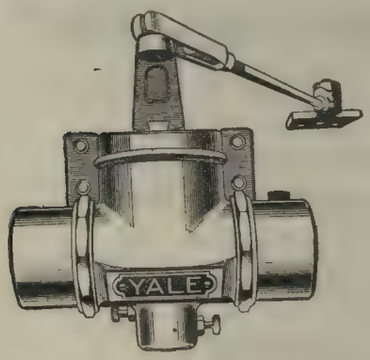
Note—If the Door is Subject to Strong Draughts, Use One Size Larger than Specified.
One in a Box, with Screws, Wrench and Directions.

BRACKETS FOR BLOUNT DOOR CHECKS

For Check Nos.	1	2	3	4	5	6
Soffit Bracket ..... Each,	$0.25	.30	.45	.55	.60	.70
Corner Bracket ..... Each,	.75	.90	1.00	1.05	1.15	1.30

EXTRA SPRINGS FOR BLOUNT CHECKS

Nos.	1S	2S	3S	4S	5S	6S
For Check Nos.	1	2	3	4	5	6
Each	$0.45	.60	.75	1.00	1.50	1.90



No. 53.

Door Checks.

YALE, DOUBLE ACTING

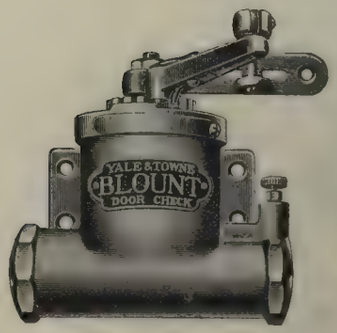
Gold Bronzed.

	Each
No. 53—Yale Double Acting Check Only, for Use on Doors Hung on Double Acting Spring Hinges, Permitting Door to Swing in Both Directions.	$11.25

Weight Each 9 Pounds.

One in a Box.

Blount Holder Checks.



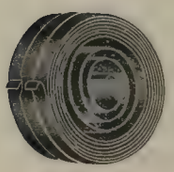
Gold Bronzed.

	Each
No. 101—For Screen and Other Very Light Doors, Weight Each 5 Lbs.	$6.50
No. 102—For Light Inside Doors Not Exceeding 7 ft. High by 3 ft. Wide, Weight Each 7 Lbs.	8.00
No. 103—For Inside Doors of Medium Size, Not Exceeding 7 ft. High by 2½ ft. Wide Weight Each 8 Lbs.	9.20
No. 104—For Heavy Inside Doors and Ordinary Doors, Not Exceeding 7½ ft. by 3 ft. Wide, Weight Each 12 Lbs.	10.80

The Blount Holder Check combines a powerful coil spring (which furnishes the motive power to close the door) and a metallic piston moving in a metallic cylinder against a non-freezing liquid (which furnishes the checking or controlling power).

It looks very much like any Blount Door Check, but it will be noticed that there is a little plug (or latch) which lifts as the door is opened. This Latch catches when the door is pushed back to a given point; this point may be set at will.

One Set in a Box.



EXTRA SPRINGS FOR CORBIN CHECKS

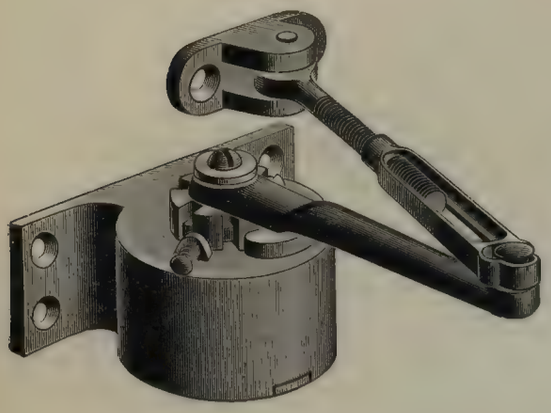
For Corbin 1909 Universal Door Springs and Checks.

For Check Nos.	1	2	3	4	5	6
Each	$0.45	.60	.75	1.00	1.50	1.90

Note—State Model of Check for which Spring is Wanted When Ordering.

Door Springs.

ECLIPSE



Cast Iron, Gold Bronzed.

Reversible for Either Right or Left Hand Doors.

	Each
No. 1651—For Inside Doors, to Match Eclipse Check No. 1623, Weight Each 3 Lbs.	**$1.55**
No. 1653—For Heavy Inside or Light Outside Doors, to Match Eclipse Checks Nos. 1623 and 1625, Weight Each 4½ Lbs.	**1.85**
No. 1655—For Heavy Outside Doors, to Match Eclipse Check No. 1625, Weight Each 6 Lbs.	**2.40**
No. 1657—For Very Heavy Outside Doors, to Match Eclipse Check No. 1627, Weight Each 8 Lbs.	**3.20**

The power is greatest when the door is closed, and gradually decreases as the door opens.

The Spring is adjustable tension, very compact and powerful, and is made from Extra Heavy Flat Clock Spring Steel of the Finest Quality.

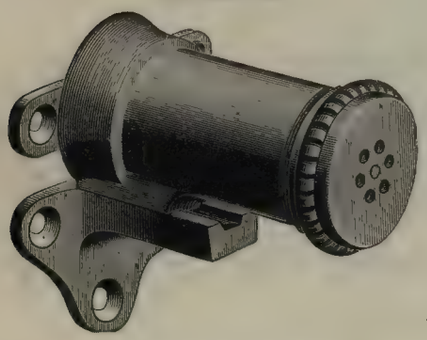
One in a Box, with Screws.

EXTRA SPRINGS FOR ECLIPSE DOOR SPRINGS

For Springs, Nos.	1651	1653	1655	1657
Each	$0.40	.60	.80	1.10

Door Checks.

ECLIPSE



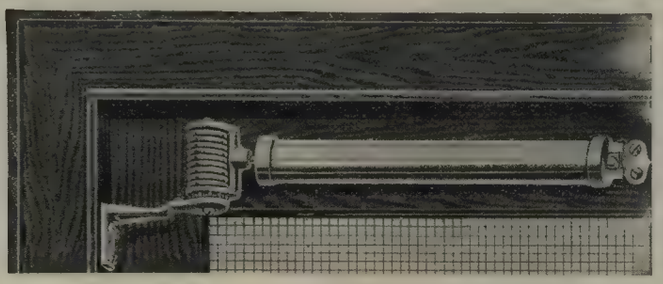
Cast Iron, Gold Bronzed.

	Each
No. 1623—1½ in. Cylinder to Match Eclipse Springs Nos. 1651 and 1653, Weight Each About 2½ Lbs.	**$2.40**
No. 1625—2 in. Cylinder, to Match Eclipse Springs Nos. 1653 and 1655, Weight Each About 3 Lbs.	**3.20**
No. 1627—2½ in. Cylinder, to Match Eclipse Spring No. 1657, Weight Each About 4 Lbs.	**4.80**

All Eclipse Door Checks are packed with Detachable Feet, so that the same Check can be applied to either the Door or Casing, as desired.

One in a Box, with Screws.

Screen Door Checks.



Combined Spring and Check.

Polished Brass Cylinder, Adjustable Spring, Reversible for Either Right or Left Hand Doors.

	Per Dozen
No. 111—For Screen Doors and Inside Doors 1⅛ in. Thick	**$26.00**

Weight Per Dozen About 6 Pounds.

One-twelfth Dozen in a Box.

Screen Door Checks.

CALDWELL

Polished Brass Cylinder.

	Per Dozen
No. 7—Two Compression Springs, Nickel Brackets, Dull Finish, for Right or Left Hand Doors, Templet and Directions for Applying Packed with Each Check	**$7.50**

Weight Per Dozen About 4 Pounds.

One in a Carton, Complete with Screws.

"NO-SLAM."

Rubber Ball.

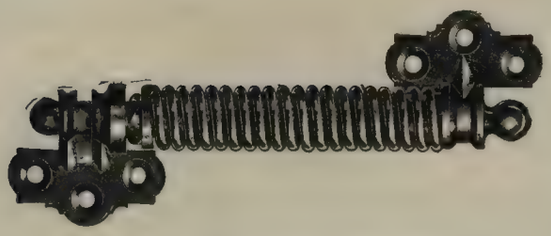
	Per Dozen
No. 115—5 in. Long, 1⅝ in. Diameter Rubber Ball, Nickel Plated Trimmings	**$8.00**

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box, with Screws.

Door Springs.

RELIANCE



Extra Heavy Steel Wire Coil Spring.

Oxidized, Ratchet Tension Adjustment.

		Per Dozen
No. 271—	6¾ in. Long, Light	$2.25
No. 272—	8 in. Long, Medium	3.00
No. 273—	10 in. Long, Heavy	4.70

The Ratchet Tension Adjustment eliminates the necessity of a Tension Rivet and retains the tension as it is applied.

Average Weight Per Dozen 8 Pounds.

One Dozen in a Box, with Screws.

PERFECT

Piano Spring Wire, Loop Eye Ends, Japanned, 16 in. Long.

		Per Dozen
No. 51—	¼ in. Diameter, for Light Screen Doors	$0.35
No. 52—	9/32 in. Diameter, for Medium Screen Doors	.40
No. 53—	11/32 in. Diameter, for Medium Screen Doors	.45
No. 54—	13/32 in. Diameter, for Heavy Screen Doors	.55
No. 55—	7/16 in. Diameter, for Extra Heavy Doors	.60
No. 56—	½ in. Diameter, for Large Heavy Doors and Gates	.80

Approximate Weight Per Dozen 3½ Pounds.

One Dozen in a Box, with Screw Eyes.

STAR

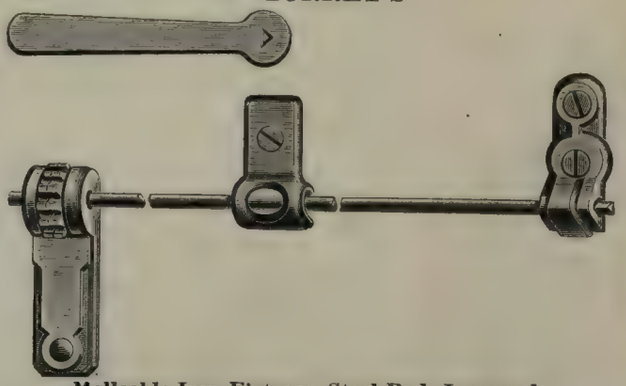
Steel Wire Coil Spring, Japanned.

		Per Dozen
No. 161—	10 in. Long, No. 9 Wire, for Screen Doors	$1.75
No. 163—	12 in. Long, No. 7 Wire, for Large Doors	2.80

Average Weight Per Dozen 7 Pounds.

One Dozen in a Box.

TORREY'S



Malleable Iron Fixtures, Steel Rod, Japanned.

		Per Dozen
No. 12—	39 in. Long, Regular Size	$2.25
No. 15—	48 in. Long, Extra Heavy	9.00

Weight Per Dozen About 8 Pounds.

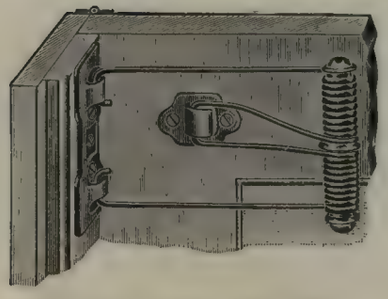
One Dozen Rods in a Package; One Dozen Sets of Fixtures in a Box, with Screws.

	Extra Rods.	Per Dozen
Extra Rods—	For No. 12 Torrey Springs	$1.15

	Extra Fixtures.	Per Dozen Sets
Extra Fixtures—	For No. 12 Torrey Springs	$1.75

Door Springs.

WARNER'S



Coppered Spring, Steel Wire.

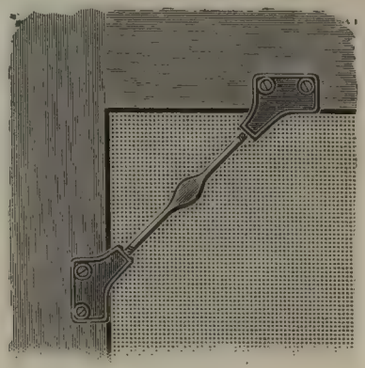
		Per Dozen
No. 1—	4¾ in., for Screen Doors	$1.15

Weight Per Dozen 4½ Pounds.

One Dozen in a Box.

Screen Door Braces.

WARNER'S



Steel Rod.

		Per Dozen
No. 02—	12 in. Long, Japanned	$1.55

Will square up a Screen Door that has sagged and hold firmly in place.

Weight Per Dozen 5 Pounds.

One Dozen in a Box.

Storm Sash and Screen Hangers and Fasteners.

No. 1717/J.
Visible Hanger.

No. 1714/J.
Invisible Hanger.

No. E1717/J.
Extra Eye.

No. E1714/J.
Extra Eye.

HANGERS

2⅞x1½ in., Wrought Steel, Black Japanned.

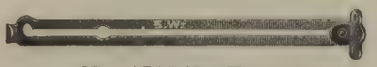
Per Dozen Pairs
No. 1717/J—Visible Hangers....**$1.50**
No. 1714/J—Invisible Hangers.. **1.50**

EXTRA EYES

Wrought Steel, Black Japanned.

Per Dozen Pairs
No. E1717/J—For Visible Hangers **$0.90**
No. E1714/J—For Invisible Hangers ..... **.90**

One Dozen Pairs in a Box, with Screws.



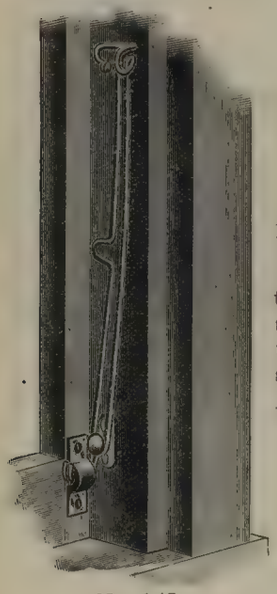
No. 1718/J—Fastener.

No. 1719/J—Fastener.

FASTENERS

10 in. Long, Wrought Steel, Black Japanned, with Two Holes to Adjust Opening.

Per Dozen Pairs
No. 1719/J—For Storm Windows and Screens, Can be Used with Any Style Hanger.....**$2.00**
No. 1718/J—For Storm Windows and Screens, Can be Used with Any Style Hanger..... **2.00**



No. 1/J.

FASTENERS

Flexible Steel Wire.

Per Dozen Pairs
No. 1/J—9½ in. Long, Japanned..**$2.80**

This Fastener will hold sash perfectly tight to blind stops; when in position shown the Fastener is entirely out of the way of the workings of the inside sashes.

Weight Per Dozen Pairs About 4½ Lbs.

One Pair in a Box, with Screws.

HANGERS

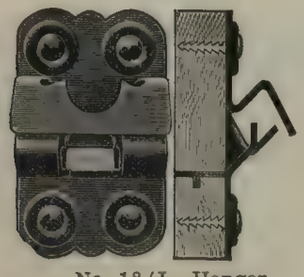
Malleable Iron, Japanned.

Per Dozen Sets
No. 2/J—¾x1¾ in. Frame Plate, 1⅛x2⅝ in. Sash Plate **$2.35**

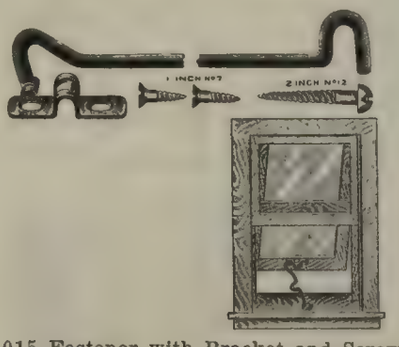
This Hanger is of the Ball and Socket Pattern. The Frame Plate is the Socket for the end of the Sash Plate which is a Perfect Ball.

Weight Per Dozen Sets 5 Pounds.

One Dozen Sets in a Box, with Screws.



No. 18/J—Hanger.



No. 015 Fastener with Bracket and Screws.
Wrought Steel, Japanned.

HANGERS

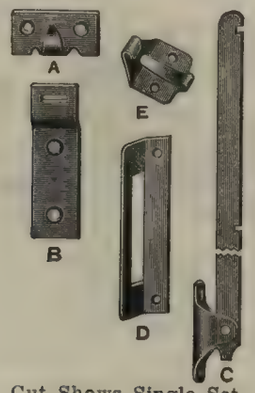
Per Dozen Pairs
No. 18/J—With Gauge Lugs, Making it Impossible to Set it Any Way but the Right Way.....**$1.00**
Weight Per Dozen About 3½ Pounds.
One Dozen in a Box, with Nails.

FASTENERS

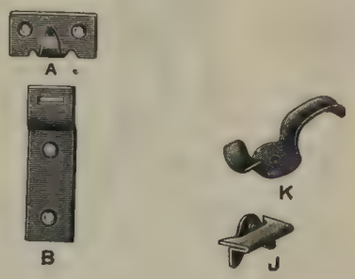
Per Dozen
No. 015—9 in. Long, with Bracket and Screws.....**$0.90**
Weight Per Dozen About 1½ Pounds.
One Dozen in a Box, with Screws.

Storm Sash and Screen Hangers and Fasteners.

PHENIX



Cut Shows Single Set.



Wrought Steel, Galvanized.

For Use on Either Storm Sash or Window Screens.

In Sets.

Per Dozen Sets

No. 1G—Single Set, Consists of Two Pieces Each A, B, C, D and E Parts, Complete.....**$4.50**

No. 01G—Double Set, Consists of Two Pieces A, Four Pieces B, Four Pieces C, Two Pieces D and Four Pieces E Parts, Complete..... **7.50**

Hangers Only. Per Dozen Sets

No. 10G—Half Set, Consists of Two Pieces Each A and B Parts, Complete **$1.50**

In Sets.

Per Dozen Sets

No. 3G—Single Set, Consists of Two Pieces Each A, B, K and J Parts, Complete.....**$2.25**

No. 03G—Double Set, Consists of Two Pieces A, Four Pieces B, Two Pieces J and Four Pieces K, Complete **3.60**

One Dozen Sets in a Box, with Screws.

Fasteners Only.

Per Dozen Sets

No. 48G—Fasteners, Consisting of Two Each C, D and E Parts **$3.00**

Fasteners Only.

Per Dozen Sets

No. 30G—Fasteners, Consisting of Two Each K and J Parts **$0.75**

One Dozen Sets in a Box, with Screws.

HALF SCREEN

Half Set.

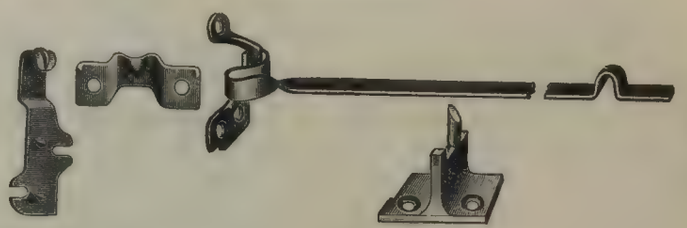
Wrought Steel, Galvanized, for Half Screens.

Per Dozen Sets

No. 53/J—Set Consists of Two Pieces Each N, M, J and K, Complete **$1.35**

One Dozen Sets in a Box, with Pivot Nail and Screws.

SENSIBLE


No. 3/J Hangers. No. 1/J Fasteners.

Hangers Only.

Per Dozen Pairs

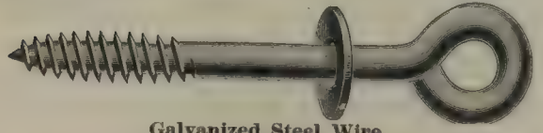
No. 3/J—1¾ in. Frame Plate, 2¾ in. Sash Plate, Malleable Iron, Japanned **$1.60**

Fasteners Only.

Per Dozen

No. 1/J—10 in. Long, Malleable Iron, Japanned.....**$1.80**

Storm Window Eyes.


Galvanized Steel Wire.

Per Gross

No. 445/J—2¼ in. Long Under Eye, with Washer.....**$2.00**

One Gross in a Box.

Numbering Tacks.

Brass.

In Sets Containing 2 Each of 25 Consecutive Numbers.

Set Nos.	1	2	3	4
Figures (2 Each)..	1 to 25	26 to 50	51 to 75	76 to 100
Per Dozen Sets....	$8.00	8.00	8.00	8.00

Screen Window Fasteners.

Cut One-half Size

Wrought Steel.

Per Dozen Sets

No. 1706½/J—2½ in., Japanned, Inside Fasteners for Fastening Screen or Storm Sash, to be Used with Nos. 1714/J and 1717/J Storm Sash or Screen Hangers.....**$1.50**

Weight Per Dozen About 1½ Pounds.

One Dozen Sets in a Box, with Screws and Pins.

Screen Window Catches.

Cut Full Size

Wrought Steel.

Per Dozen

No. 3/J—1¾ in. Long, Japanned.....**$0.80**

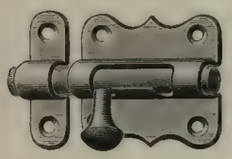
Locks any Screen tight and fast, whether swung from hinges, hung from hinges or sliding in channels.

Weight Per Dozen About ½ Pound.

Three Dozen in a Box, with Screws.

Cellar Window Bolts.

Cut One-half Size



Wrought Steel.

Per Dozen

No. 364/J—2½ in., Japanned, Polished Bolt and Knob **$1.85**

No. 364/Z—2½ in., Sherardized Finish, Polished Bolt and Knob **3.00**

Weight Per Dozen 2½ Pounds.

One Dozen in a Box.

Basement Window Sets.

Cuts One-half Size

Cut Shows Self-Supporting Hinge Open.

Cut Shows Catch.

Wrought Steel, Japanned.

Per Dozen Sets

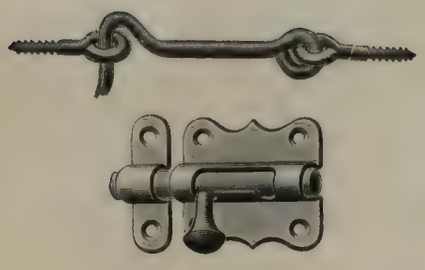
No. 2219/J—Consists of One Pair 2 in. Self-Supporting Bracket Hinges, and One Non-Rattling Window Catch **$3.20**

By using the above set it is possible to remove the window without removing a screw.

Weight Per Dozen Sets About 3 Pounds.

One Set in a Box, with Screws.

Basement Window Sets.



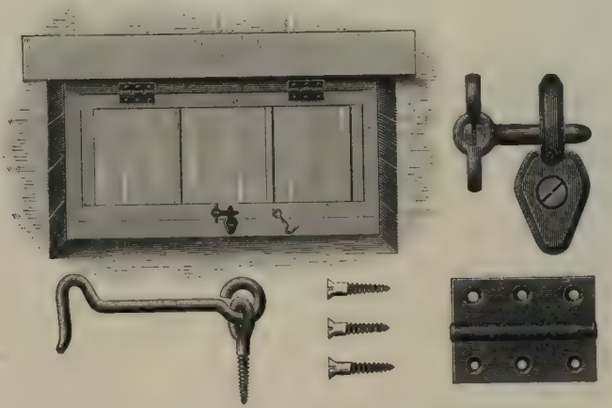
Wrought Steel, Sherardized Finish.

Per Dozen Sets

No. 3644/Z—Consists of One Pair 2 in. Narrow Steel Butts, One 2½ in. Cellar Window Bolt, and One 2½ in. Hook and Eye.....**$2.50**

Weight Per Dozen Sets 4 Pounds.

One-twelfth Dozen Sets in a Box, with Screws.



Wrought Steel, Japanned.

Per Dozen Sets

No. 07/J—Consists of One Pair 2½ in. Narrow Steel Butts, One Steel Lock, and One Hook and Eye **$1.75**

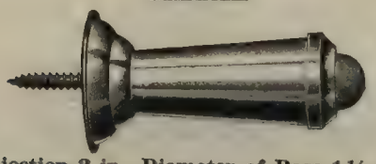
Weight Per Dozen Sets 3½ Pounds.

One-twelfth Dozen Sets in a Box, with Screws.

Base Knobs.

Cuts One-half Size

METAL



Projection 3 in., Diameter of Base 1½ in.

Wrought Steel, Steel Screw, Rubber Tip.

	Per Dozen
No. 34/L —Bronze Plated, Light Natural Finish	$1.75
No. 34/OC —Old Copper Finish	1.75
No. 34/DB —Dull Brass Finish	1.75
No. 34/DBS—Dull Brass, Sand Blast Finish	2.00
No. 34/N —Nickel Plated	2.25
No. 34/EB —Electro Plated Dead Black	2.25

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

WOOD

No. 8—Maple, Steel Screw, Rubber Tip.

Inches	2½	3
Weight Per Gross About, Lbs.	14	16
Per Gross	$3.40	3.60

No. 4—Birch, Highly Finished, Steel Screw, Rubber Tip.

Inches	2½
Weight Per Gross About, Lbs.	12
Per Gross	$4.90

No. 54—Oak, Highly Finished, Steel Screw, Rubber Tip.

Inches	2½
Weight Per Gross About, Lbs.	14
Per Gross	$6.10

One-quarter Gross in a Box.

Floor Stops.

Cuts One-half Size

NEVER BREAK

Height 1 in., Diameter of Base 2 in.

Wrought Bronze Metal.
Highly Polished, Rubber Stop.

	Per Dozen
No. 351/OC—Old Copper Finish	$4.00
No. 351/DB—Dull Brass Finish	4.00
No. 351/N —Nickel Plated	4.50

Weight Per Dozen About 1¼ Pounds.
One Dozen in a Box, with Screws.

CAST IRON

Projection 1¼ in., Diameter of Base 1 in.

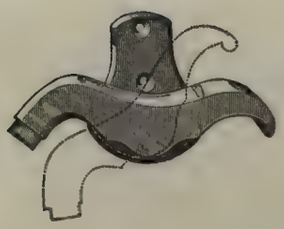
Cast Iron, Polished.

	Per Dozen
No. 76/OC —Old Copper Finish	$1.60
No. 76/DB —Dull Brass Finish	1.60
No. 76/DBS—Dull Brass, Sand Blast Finish	2.00
No. 76/EB —Electro Plated Dead Black	1.60
No. 76/N —Nickel Plated	2.00

Weight Per Dozen About 2½ Pounds.
One Dozen in a Box, with Screws.

Door Holders.

Cuts One-third Size



For Inside Doors.
Malleable Iron, Length of Lever 4¾ in.
Size of Plate 2½x2 in.

	Per Dozen
No. 90/E —Etruscan Bronzed	$3.00
No. 90/L —Bronze Plated, Light Natural Finish	8.00
No. 90/OC—Old Copper Finish	8.00
No. 90/EB—Electro Plated, Dead Black Finish	8.00

Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box, Half Right and Half Left Hand.

Gray Iron, Rubber Tip, 1 to 1¼ in. Throw.

Size 1x5 in.

	Per Dozen
No. 300/E —Etruscan Bronzed	$4.50
No. 300/OC—Old Copper Finish	8.50
No. 300/DB—Dull Brass Finish	8.50
No. 300/EB—Electro Plated, Dead Black Finish	4.50

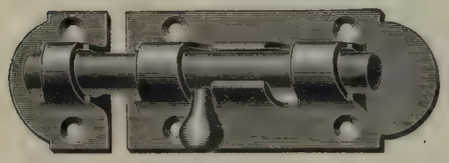
Weight Per Dozen About 6 Pounds.
One Dozen in a Box, with Screws.

Wrought Steel, Rubber Tip.
Size 2½x8 in.

	Per Dozen
No. 80/OC —Old Copper Finish	$11.25
No. 80/DB —Dull Brass Finish	11.25
No. 80/DBS—Dull Brass, Sand Blast Finish	11.25
No. 80/EB—Electro Plated, Dead Black Finish	11.25

Weight Per Dozen About 12 Pounds.
One-quarter Dozen in a Box, with Screws.

Barrel Bolts.



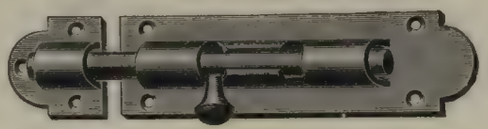
Cast Iron.

No. 362—Japanned, Polished Bolt, Brass Plated Knob.

Length, Inches	3	4	5	6	8
Wt. Per Doz., About, Lbs.	2	3¾	5½	8	14
Per Dozen	$0.70	.80	1.15	1.35	2.00

The 3 in. has a Wrought Bolt.

3 to 6 in., One Dozen; 8 in., One-half Dozen in a Box.

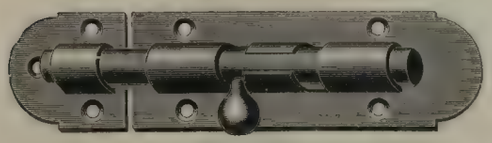


Wrought Steel.

No. 365—Light Pattern, Japanned, Polished Bolt, Brass Plated Knob.

Length, Inches	2½	3	4	5
Wt. Per Dozen, About, Lbs.	1¼	2	3	4½
Per Dozen	$0.65	.80	.90	1.10

One Dozen in a Box.

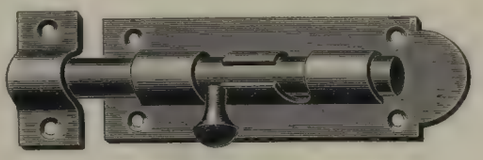


Wrought Steel.

No. 367—Heavy, Japanned, Polished Bolt, Brass Plated Knob.

Length, Inches	3	4	5	6	8
Wt. Per Doz., About, Lbs.	3½	4	6	7	16
Per Dozen	$0.90	1.10	1.30	1.45	2.80

3 to 6 in., One Dozen; 8 in., One-half Dozen in a Box.

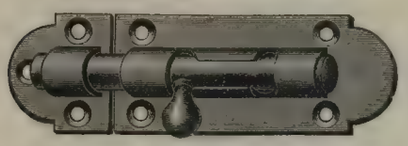


Wrought Steel.

No. 377—Japanned, Strap Staple, Polished Bolt, Brass Plated Knob.

Length, Inches	3	4	5	6
Wt. Per Dozen, About, Lbs.	3½	4	6	7
Per Dozen	$0.90	1.05	1.20	1.40

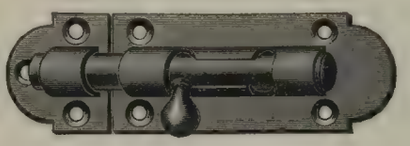
One Dozen in a Box.



Wrought Steel.

No. 408/OC—Old Copper Finish.

Length, Inches	3	4	5	6
Wt. Per Dozen, About, Lbs.	3½	4	6	7
Per Dozen	$1.85	2.00	2.30	2.75

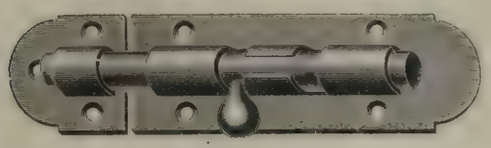


Wrought Steel.

No. 408/DB—Dull Brass Finish.

Length, Inches	3	4	5	6
Wt. Per Dozen, About, Lbs.	3½	4	6	7
Per Dozen	$1.85	2.00	2.30	2.75

One Dozen in a Box, with Screws.



Wrought Bronze.

No. 865—Natural Color, Highly Polished, Bronze Bolt, Bronze Knob.

Length, Inches	2½	3	4	5
Wt. Per Dozen, About, Lbs.	2	2½	3¼	5¼
Per Dozen	$2.20	3.00	3.60	5.00

One Dozen in a Box, with Screws.

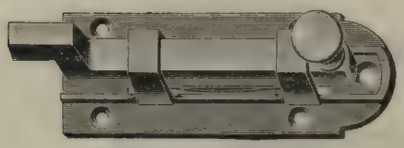
Cast Iron.

No. 472/E—Etruscan Bronzed, Bronze Plated Knob.

Length, Inches	3	4	5
Weight Per Dozen, About, Lbs.	2½	3	4½
Per Dozen	$1.70	2.00	2.55

One Dozen in a Box, with Screws.

Neck Bolts.



One-half Size Cut of 4 in.

Cast Iron.

No. 320—Japanned Plates, Polished Bolt.

Length, Inches	4	5
Weight Per Dozen, About, Lbs.	2½	4
Per Dozen	$1.45	1.95

One Dozen in a Box.

Spring Bolts.

One-half Size Cut of 4 in.

Wrought Steel.

No. 315—Japanned Plate, Polished Bolt.

Length, Inches	2	2½	3	3½	4
Wt. Per Dozen, About, Lbs.	1	1¼	1½	1¾	2
Per Dozen	$0.65	.70	.75	.90	1.00

Wrought Brass.

No. 515—Natural Color, Polished.

Length, Inches	2	2½	3	3½	4
Wt. Per Dozen, About, Lbs.	1	1¼	1½	1¾	2
Per Dozen	$1.25	1.50	1.80	2.25	2.40

One Dozen in a Box.

Square Bolts.

One-half Size Cut of 4 in.

Cast Iron.

No. 300—Japanned Plate, Steel Spring, Polished Bolt.

Length, Inches	4	5	6	8	10
Wt. Per Dozen, About, Lbs.	2	3½	4¼	5½	7
Per Dozen	$1.10	1.30	1.70	2.80	3.90

4 to 6 in., One Dozen; 8 and 10 in., One-half Dozen in a Box.

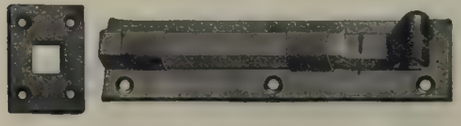
One-half Size Cut of 4 in.

Wrought Steel.

No. 305—Heavy, Japanned Plate, Polished Bolt.

Length, Inches	4	5	6	8
Wt. Per Dozen, About, Lbs.	4	8	10	17
Per Dozen	$1.60	1.70	1.90	2.55

One-half Dozen in a Box.



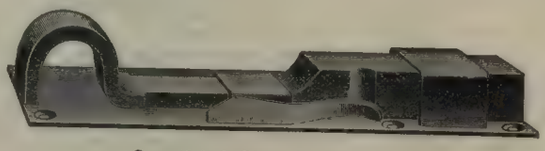
One-half Size Cut of 4 in.

Wrought Steel.

No. 308—Extra Heavy, Japanned Plate, Polished Bolt.

Length, Inches	6	8	10	12
Wt. Per Dozen, About, Lbs.	11	18	25	32
Per Dozen	$2.30	3.35	5.10	6.35

One-half Dozen in a Box.



One-third Size Cut of 8 in.

Wrought Steel.

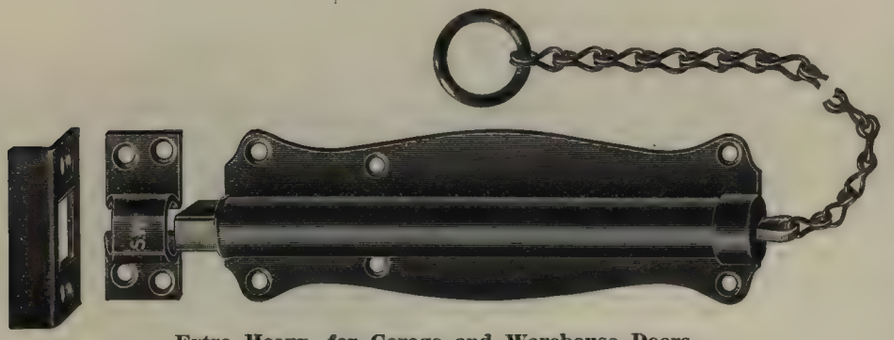
No. 1050—Extra Heavy, Steel Spring, Flat Bolt, with Floor Plate, for Warehouse Doors, Etc.

Length, Inches	8	10	12
Wt. Per Dozen, About, Lbs.	16	18	20
Per Dozen	$5.60	5.90	6.35
Length, Inches	18	24	36
Wt. Per Dozen, About, Lbs.	27	35	44
Per Dozen	$7.20	7.65	11.40

One-half Dozen in a Box.

Chain and Foot Bolts.

CHAIN BOLTS



Extra Heavy, for Garage and Warehouse Doors.

Wrought Steel.

10 in. Long, 2⅞ in. Wide, ⅞ in. Round Bolt, 24 in. Chain.

	Per Dozen
No. G105/J—Japanned	**$20.00**
No. G105/Z—Sherardized Finish	**25.00**

These Bolts can be reversed by simply pulling the bolt out and turning it around.

Packed with two staples, one round and one flat. Round staple is extra heavy and beveled.

Weight Per Dozen About 18 Pounds.

One-quarter Dozen in a Box, with Screws.

FOOT BOLTS

Extra Heavy, for Garage and Warehouse Doors.

Wrought Steel.

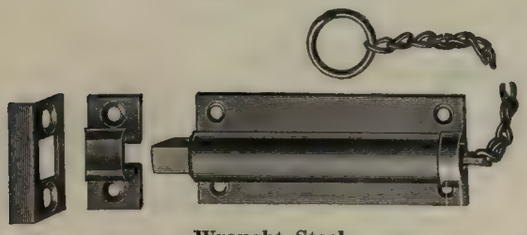
10 in. Long, 2⅞ in. Wide, ⅞ in. Round Bolt.

	Per Dozen
No. G106/J—Japanned	**$27.50**
No. G106/Z—Sherardized Finish	**33.00**

Weight Per Dozen About 17 Pounds.

One-quarter Dozen in a Box, with Screws.

CHAIN BOLTS



Wrought Steel.

Plate 6 in. Long, 2 in. Wide, ¾ in. Round Bolt, 24 in. Chain.

	Per Dozen
No. 1055/J —Japanned	**$ 7.80**
No. 1055/OC —Old Copper Finish	**12.50**
No. 1055/DB —Dull Brass Finish	**12.50**
No. 1055/DBS—Dull Brass, Sand Blast Finish	**13.50**
No. 1055/EB —Electro Plated Dead Black	**12.75**

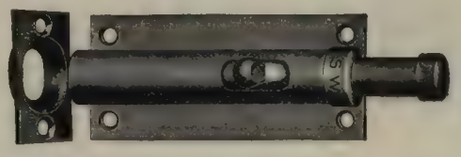
These Bolts can be reversed by simply pulling the bolt out and turning it around.

Packed with two staples, one round and one flat. Round staple is extra heavy and beveled.

Weight Per Dozen About 13 Pounds.

One-half Dozen in a Box, with Screws.

FOOT BOLTS



Wrought Steel.

Plate 6 in. Long, 2 in. Wide, ⅝ in. Round Bolt with 1¼ in. Stroke.

	Per Dozen
No. 1056/J —Japanned	**$ 6.75**
No. 1056/OC —Old Copper Finish	**9.50**
No. 1056/DB —Dull Brass Finish	**9.50**
No. 1056/DBS—Dull Brass, Sand Blast Finish	**11.50**
No. 1056/EB —Electro Plated Dead Black	**10.00**

Packed with Square Floor Plate with Round Holes.

Weight Per Dozen 8½ Pounds.

One-half Dozen in a Box, with Screws.

No. 372.

Cremorne Bolts.

FOR DOORS OR WINDOWS OPENING IN OR OUT

Wrought Steel, Oval Knob.

For Doors 7 ft. 6 in., Plates 1⅜ in. Wide, Bolts ⅝ in., Half Round, Complete with Two End Guides and Three Staples, with Screws.

	Each
No. 372/DB —Dull Brass Finish	$4.60
No. 372/DBS—Dull Brass, Sand Blast Finish	5.00

Weight Each About 4 Pounds.

Cast Iron, Bronze T Handle.

For Doors 7 ft. 6 in., 5⅝x1½ in. Handle Case, End Guides 1¾x1$\frac{5}{16}$ in., Bolts ⅝ in., Half Round, Complete with End Guides and Staples, with Screws.

	Each
No. 426/DB —Dull Brass Finish	$4.60
No. 426/DBS—Dull Brass, Sand Blast Finish	5.00

Note—Above are for Doors 7 ft. 6 in. Rods can be cut off to suit shorter lengths.

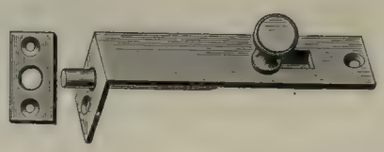
Weight Each About 4 Pounds.

One Knob and Staples in a Box, Rods in a Package.

No. 426.

Screen Door and Window Bolts.

FLUSH BOLTS



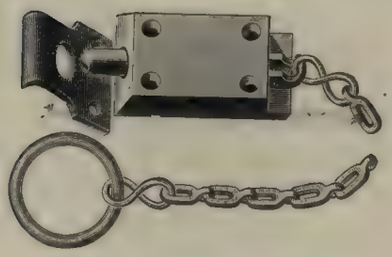
2 in. Long, ⅝ in. Wide, ¾ in. Angle, Cast Bronze, with Knob.

	Per Dozen
No. 56/OC —Old Copper Finish	$4.60
No. 56/DB —Dull Brass Finish	4.60
No. 56/DBS—Dull Brass, Sand Blast Finish	5.00

Weight Per Dozen About 1 Pound.

One Dozen in a Box, with Screws.

CHAIN BOLTS



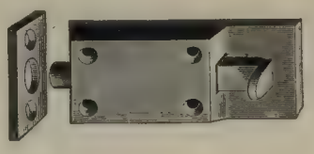
1$\frac{1}{16}$x2 in., Cast Iron, with Chain.

	Per Dozen
No. 483/OC —Old Copper Finish	$6.30
No. 483/DB —Dull Brass Finish	6.30
No. 483/DBS—Dull Brass, Sand Blast Finish	7.20

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box, with Screws.

BOTTOM BOLTS



1$\frac{1}{16}$x2⅝ in., Cast Iron.

	Per Dozen
No. 493/OC —Old Copper Finish	$6.30
No. 493/DB —Dull Brass Finish	6.30
No. 493/DBS—Dull Brass, Sand Blast Finish	7.20

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.

Chain and Foot Bolts.

CHAIN BOLTS

Cast Iron.

No. 383/J—Extra Heavy, Japanned, Polished Bolt, with Beveled Strike.

Length, Inches	3	4	6	8
Wt. Per Dozen, About, Lbs.	4	6	12	15
Per Dozen	$1.80	2.25	3.00	3.75

3 in., One Dozen; 4 to 8 in., One-half Dozen in a Box.

FOOT BOLTS

Cast Iron.

No. 391/J—Japanned, Polished Bolt, with Floor Plate.

Length, Inches	6	8
Wt. Per Dozen, About, Lbs.	11	14
Per Dozen	$2.60	3.15

One-half Dozen in a Box.

CHAIN BOLTS

Cast Iron.

No. 1483/E—Extra Heavy, Etruscan Bronzed, with Beveled Strike.

Length, Inches	3	4	6	8
Wt. Per Dozen, About, Lbs.	4	6	12	16
Per Dozen	$2.80	3.35	3.75	4.50

One-half Dozen in a Box, with Screws.

FOOT BOLTS

Cast Iron.

No. 1491/E—Etruscan Bronzed, with Floor Plate.

Length, Inches	6	8
Weight Per Dozen, About, Lbs.	12½	16
Per Dozen	$4.00	4.50

One-half Dozen in a Box, with Screws.

CHAIN BOLTS

Cast Iron.

Extra Heavy, with Beveled Strike.

No. 1483/L—Bronze Plated, Light Natural Finish.

Length, Inches	4	6	8
Weight Per Dozen, About, Lbs.	8½	12	15
Per Dozen	$6.35	8.00	9.00

No. 1483/OC—Old Copper Finish.

Length, Inches	4	6	8
Per Dozen	$6.35	8.00	9.00

No. 1483/DB—Dull Brass Finish.

Length, Inches	4	6	8
Per Dozen	$6.35	8.00	9.00

One Dozen in a Box, with Screws.

FOOT BOLTS

Cast Iron.

With Floor Plate.

No. 1491/L—Bronze Plated, Light Natural Finish.

Length, Inches	6	8
Weight Per Dozen, About, Lbs.	11½	14
Per Dozen	$8.00	9.30

No. 1491/OC—Old Copper Finish.

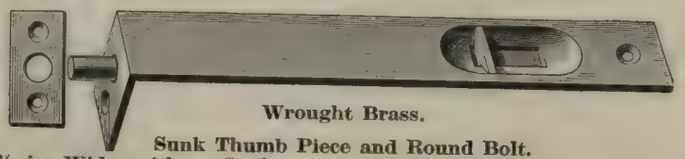
Length, Inches	6	8
Per Dozen	$9.80	11.00

No. 1491/DB—Dull Brass Finish.

Length, Inches	6	8
Per Dozen	$9.80	11.00

One Dozen in a Box, with Screws.

Flush Bolts.



Wrought Brass.

Sunk Thumb Piece and Round Bolt.

No. 30—Highly Polished, ⅜ in. Wide, without Strike.

Length, Inches	2	2½	3	3½	4
Wt. Per Dozen, About, Lbs.	½	¾	1	1½	2
Per Dozen	$1.25	1.35	1.45	1.65	1.90

No. 40—Highly Polished, ½ in. Wide, without Strike.

Length, Inches	2½	3	4	5
Wt. Per Dozen, About, Lbs.	¾	1	1½	2
Per Dozen	$1.35	1.65	2.25	2.70

No. 30, Three Dozen; No. 40, Two Dozen in a Box, with Screws.

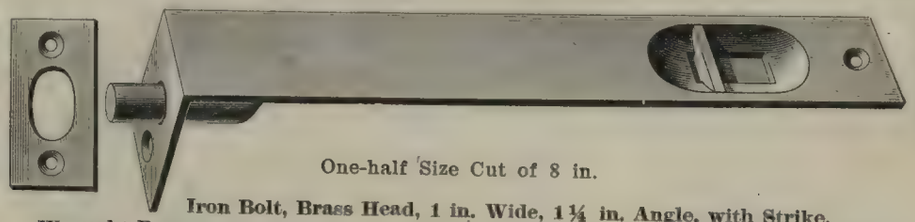
No. 50—Highly Polished, ⅝ in. Wide, 1 in. Angle, with Strike.

Length, Inches	4	6	8
Weight Per Dozen, About, Lbs.	2	3	4
Per Dozen	$2.90	4.25	6.25

No. 60—Highly Polished, ¾ in. Wide, 1 in. Angle, with Strike.

Length, Inches	4	6	8	10
Wt. Per Dozen, About, Lbs.	2½	3½	4½	6
Per Dozen	$3.40	4.70	6.50	9.30

One Dozen in a Box, with Screws.



One-half Size Cut of 8 in.

Iron Bolt, Brass Head, 1 in. Wide, 1¼ in. Angle, with Strike.

Wrought Brass.

No. 85/L—Light Natural Color.

Length, Inches	8	10	12
Weight Per Dozen, About, Lbs.	6	8	11
Per Dozen	$9.00	11.75	14.50

No. 85/DBS—Dull Brass, Sand Blast Finish.

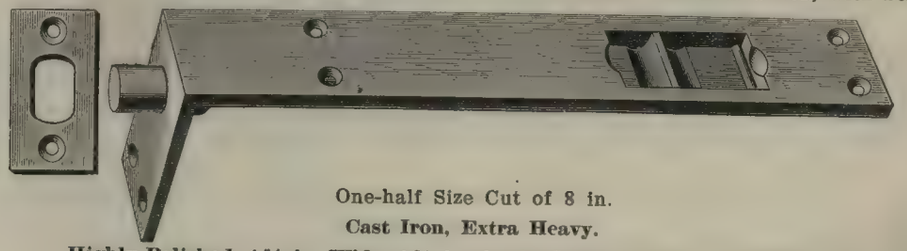
Length, Inches	6	8	12	18
Wt. Per Dozen, About, Lbs.	4½	6	11	15
Per Dozen	$10.00	11.75	17.00	23.50

Wrought Bronze.

No. 85/OC—Old Copper Finish.

Length, Inches	6	8	12	18
Wt. Per Dozen, About, Lbs.	4½	6	11	15
Per Dozen	$9.75	11.00	16.00	22.50

6 to 10 in., One Dozen; 12 in., One-half Dozen; 18 in., One-sixth Dozen in a Box, with Screws.



One-half Size Cut of 8 in.

Cast Iron, Extra Heavy.

Highly Polished, 1⅛ in. Wide, 1¾ in. Angle, Improved Stop, with Strike.

No. 104/OC—Old Copper Finish.

Length, Inches	6	8	10	12
Weight Per Dozen, About, Lbs.	5	6½	9	12
Per Dozen	$9.75	10.00	11.75	12.00

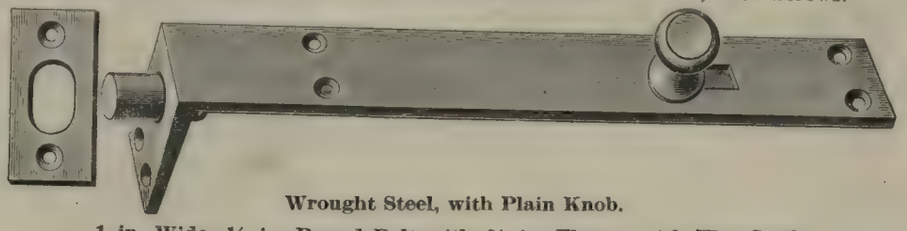
No. 104/DB—Dull Brass Finish.

Length, Inches	6	8	10	12
Per Dozen	$9.75	10.00	11.75	12.00

No. 104/DBS—Dull Brass, Sand Blast Finish.

Length, Inches	6	8	10	12
Per Dozen	$10.70	12.00	13.00	15.00

6 to 10 in., One-half Dozen; 12 in., One-sixth Dozen in a Box, with Screws.



Wrought Steel, with Plain Knob.

1 in. Wide, ½ in. Round Bolt with ¾ in. Throw, with Flat Strike.

No. 486/OC—Old Copper Finish.

Length, Inches	6	9	12
Weight Per Dozen, About, Lbs.	4	6	11
Per Dozen	$6.80	7.50	8.30

No. 486/DB—Dull Brass Finish.

Length, Inches	6	9	12
Per Dozen	$6.80	7.50	8.30

No. 486/DBS—Dull Brass, Sand Blast Finish.

Length, Inches	6	9	12
Weight Per Dozen, About, Lbs.	4	6	11
Per Dozen	$7.60	8.30	9.10

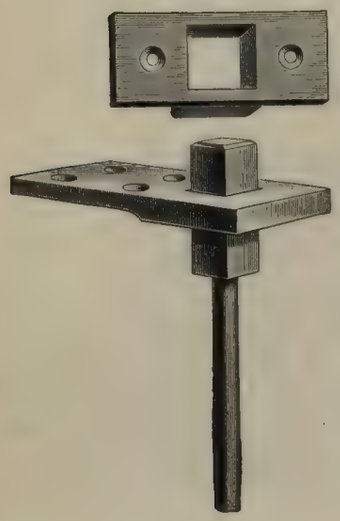
No. 486/EB—Electro Plated Dead Black.

Length, Inches	6	9	12
Per Dozen	$7.60	8.30	9.10

6 in., One Dozen; 9 and 12 in., One-half Dozen in a Box, with Screws.

Extension Flush Bolts.

FOR TOP OR BOTTOM OF DOORS



Sunk Flush Lever, 1¼x6¾ in. Plate, ½ in. Square Bolt, Heavy.

CAST IRON

No. 1114/L—Bronze Plated, Light Natural Finish.

Inches	12	18	24	36
Wt. Per Dozen, About, Lbs.	13	14	15	16
Per Dozen	$17.25	17.25	17.25	19.00

No. 1114/OC—Old Copper Finish.

Inches	12	18	24	36
Per Dozen	$19.00	19.00	19.00	20.60

No. 1114/DB—Dull Brass Finish.

Inches	12	18	24	36
Per Dozen	$19.00	19.00	19.00	20.60

CAST BRONZE

No. 1116/L—Light Natural Finish.

Inches	12	18	24	36
Per Dozen	$24.50	24.50	24.50	26.75

No. 1116/OC—Old Copper Finish.

Inches	12	18	24	36
Per Dozen	$24.50	24.50	24.50	26.75

No. 1116/DB—Dull Brass Finish.

Inches	12	18	24	36
Per Dozen	$24.50	24.50	24.50	26.75

No. 1116/DBS—Dull Brass, Sand Blast Finish.

Inches	12	18	24	36
Per Dozen	$26.50	26.50	26.50	30.00

One-sixth Dozen in a Box, with Screws.

Nos. 1114 and 1116.

Slide Knob, 1½x5⅝ in. Plate, ½ in. Square Bolt, Extra Heavy.

CAST IRON

No. 1104/L—Bronze Plated, Light Natural Finish.

Inches	12	18	24	36
Weight Per Dozen, About, Lbs.	12	12½	13	15
Per Dozen	$16.45	16.45	16.45	18.60

No. 1104/OC—Old Copper Finish.

Inches	12	18	24	36
Per Dozen	$17.05	17.05	17.05	19.30

No. 1104/OCS—Old Copper, Sand Blast Finish.

Inches	12	18	24	36
Per Dozen	$18.10	18.10	18.10	20.20

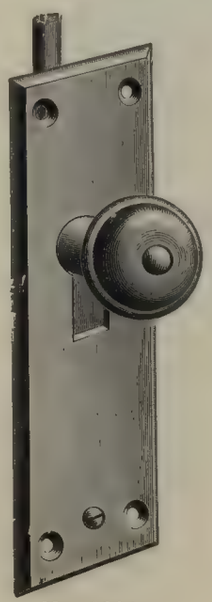
No. 1104/DB—Dull Brass Finish.

Inches	12	18	24	36
Per Dozen	$17.05	17.05	17.05	19.30

No. 1104/DBS—Dull Brass, Sand Blast Finish.

Inches	12	18	24	36
Per Dozen	$18.10	18.10	18.10	20.20

One-sixth Dozen in a Box, with Screws.



No. 1104.

Mortise Door Bolts.

Cuts One-half Size

Iron Case and Bolt.

2½ in. Long, 2⅛ in. Backset, ¾ in. Diameter.

	Per Dozen
No. 8/E—Etruscan Bronzed Knob and Escutcheon	**$2.00**

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box, with Screws.

Iron Case and Bolt.

2½ in. Long, 2⅛ in. Backset, ¾ in. Diameter.

	Per Dozen
No. 16/OC—Old Copper Finish, Bronze Metal Knob and Escutcheon	**$3.80**

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box, with Screws.

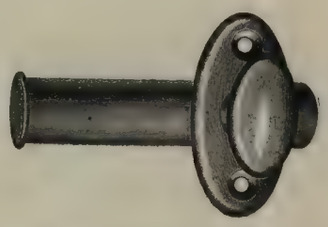
Wrought Brass Case, Steel Bolt.

2½ in. Long, 1¾ in. Backset, $\frac{9}{16}$ in. Diameter.

	Per Dozen
No. 42/L —Light Natural Finish, Bronze Metal Knob and Escutcheon	**$4.50**
No. 42/OC—Old Copper Finish, Bronze Metal Knob and Escutcheon	**4.50**
No. 42/N —Nickel Plated, Bronze Metal Knob and Escutcheon	**4.50**

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box, with Screws.



Wrought Brass Case, Steel Bolt.

2½ in. Long, 1¾ in. Backset, $\frac{9}{16}$ in. Diameter.

	Per Dozen
No. 48/OC —Old Copper Finish, Bronze Metal Knob and Escutcheon	**$4.50**
No. 48/OCS—Old Copper, Sand Blast Finish, Bronze Metal Knob and Escutcheon	**4.50**
No. 48/DB —Dull Brass Finish, Brass Metal Knob and Escutcheon	**4.50**
No. 48/DBS—Dull Brass, Sand Blast Finish, Brass Metal Knob and Escutcheon	**4.50**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box, with Screws.

Chain Door Fasteners.

Cut One-half Size

1⅜x6⅜ in. Wrought Steel Case, with Steel Chain.

	Per Dozen
No. 2166/L —Bronze Plated, Light Natural Finish	**$6.10**
No. 2166/OC—Old Copper Finish	**6.10**
No. 2166/DB—Dull Brass Finish	**6.10**
No. 2166/EB—Electro Plated Dead Black	**6.10**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box, with Screws.

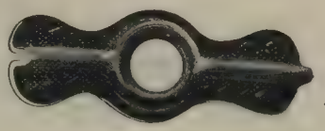
Door Buttons.

Full Size Cut of 1½ in.

No. 10—Cast Iron, Japanned.

Inches	1⅛	1¼	1½	1¾
Wt. Per Gross, About, Lbs.	2	2½	3½	4
Per Gross	$0.45	.50	.52	.56
Inches		2	2¼	2½
Wt. Per Gross, About, Lbs.		6	9	10
Per Gross		$0.70	1.15	1.55

1⅛ to 2 in., One Gross; Larger, One-half Gross in a Box.

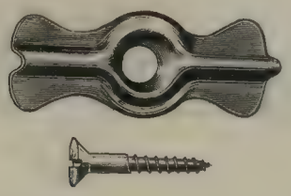


Full Size Cut of 1½ in.

No. 4—Wrought Steel, Japanned.

Inches	1½	1¾	2
Weight Per Gross, About, Lbs.	1½	2	2½
Per Gross	$0.52	.56	.67

One Gross in a Box.



Full Size Cut of 1½ in.

No. 4G—Wrought Steel, Galvanized, with Screws.

Inches	1½	1¾	2
Weight Per Gross, About, Lbs.	1½	2	2½
Per Gross	$1.25	1.35	1.55

One Gross in a Box.

Full Size Cut of 1½ in.

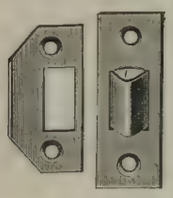
No. 20—Cast Iron, Japanned, on Plate.

Inches	1½	1¾	2
Weight Per Gross, Lbs.	8½	12	14¼
Per Gross	$3.00	3.35	3.80

One-half Gross in a Box.

Friction Catches.

Cut One-half Size



Brass.

	Per Dozen
No. 01820—2x¾ in., with Strike	$1.45

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Push Button Catch.

Cuts One-half Size

Cut Shows Push Button Catch.

Cut Shows Knob.

2½x1½ in., Steel Push Button and Knob, Brass Catch and Strike.

	Per Dozen
No. 295/OC—Old Copper Finish	$2.25
No. 295/DB—Dull Brass Finish	2.25
No. 295/N —Nickel Plated	2.70

Weight Per Dozen, About 12 Pounds.
One Dozen in a Box, with Screws.

Elbow Catches.

Cuts One-half Size

Cast Iron.

	Per Gross
No. 6300—1¼x1½ in., Japanned, with Strike	$5.60

Weight Per Gross About 10 Pounds.
One-sixth Gross in a Box.

Cast Brass.

	Per Gross
No. 6400—1¼x1¼ in., Polished, Natural Color, with Screws	$17.00

Weight Per Gross About 10 Pounds.
One-sixth Gross in a Box.

Cupboard Catches.

Cuts One-half Size

1½x2 in., Cast Iron.

	Per Dozen
No. 262/E—Etruscan Bronzed, Bronze Plated Knob	$1.00

Weight Per Gross About 28 Pounds.

One-sixth Gross in a Box, with Screws.

1⅜x1⅝ in., Wrought Steel.

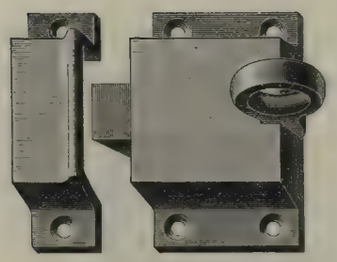
	Per Dozen
No. 2400/L —Bronze Plated, Light Natural Finish	$1.25
No. 2400/OC —Old Copper Finish	1.25
No. 2400/OCS—Old Copper, Sand Blast Finish	1.25
No. 2400/DB —Dull Brass Finish	1.25
No. 2400/DBS—Dull Brass, Sand Blast Finish	1.25
No. 2400/EB —Electro Plated Dead Black	1.25

Weight Per Gross About 24 Pounds.

One-sixth Gross in a Box, with Screws.

Transom Catches.

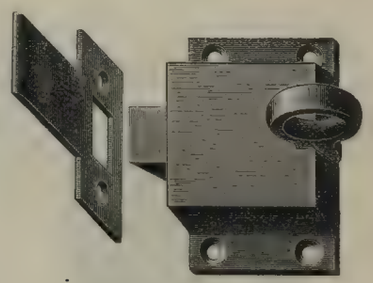
Cuts One-half Size



2¾x1¾ in., Malleable Iron.

	Per Dozen
No. 3477/E—Etruscan Bronzed	$3.35

Weight Per Gross About 36 Pounds.



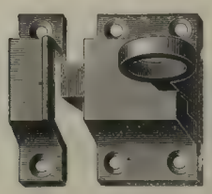
2¾x1¾ in., Malleable Iron.

	Per Dozen
No. 3478/E—Etruscan Bronzed, with Flat Strike	$3.35

Weight Per Gross About 36 Pounds.

These Catches are Specially Intended for Heavy Mill Work.

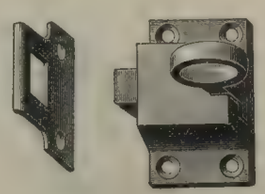
One Dozen in a Box, with Screws.



1⅞x1⅛ in., Cast Iron.

	Per Dozen
No. 3443/E —Etruscan Bronzed	$1.60
No. 3443/L —Bronze Plated, Light Natural Finish	3.35
No. 3443/OC —Old Copper Finish	3.35
No. 3443/DB —Dull Brass Finish	3.35
No. 3443/DBS—Dull Brass, Sand Blast Finish	4.00
No. 3443/EB —Electro Plated Dead Black	3.35

Weight Per Gross About 30 Pounds.



1⅞x1⅛ in., Cast Iron, with Flat Strike.

	Per Dozen
No. 3443½/OC —Old Copper Finish	$3.35
No. 3443½/DB —Dull Brass Finish	3.35
No. 3443½/DBS—Dull Brass, Sand Blast Finish	4.00

Weight Per Gross About 30 Pounds.

One-sixth Gross in a Box, with Screws.

French Window Catches.

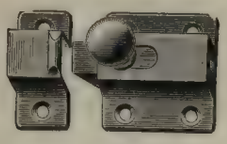
Cuts One-half Size

1 7/16x1 1/16 in., Cast Iron, Triangular Bolt.

	Per Dozen
No. 3450/E—Etruscan Bronzed, Bronze Plated Knob	$1.00

Weight Per Dozen About 1½ Pounds.

Two Dozen in a Box, with Screws.



1⅜x1 in., Wrought Bronze, Triangular Bolt.

	Per Dozen
No. 2810/L —Light Natural Finish	$2.80
No. 2810/OC —Old Copper Finish	3 15
No. 2810/DB —Dull Brass Finish	3.15
No. 2810/DBS—Dull Brass, Sand Blast Finish	3.75

Weight Per Dozen About 1 Pound.

One Dozen in a Box, with Screws.

1⅜x1¼ in., Wrought Steel, Triangular Bolt.

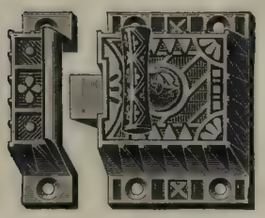
	Per Dozen
No. 2411/L —Bronze Plated, Light Natural Finish	$1.25
No. 2411/OC —Old Copper Finish	1.25
No. 2411/OCS—Old Copper, Sand Blast Finish	1.35
No. 2411/DB —Dull Brass Finish	1.25
No. 2411/DBS—Dull Brass, Sand Blast Finish	1.35
No. 2411/EB —Electro Plated Dead Black	1.35

Weight Per Dozen About 1¼ Pounds.

Two Dozen in a Box, with Screws.

Cupboard Turns.

Cuts One-half Size

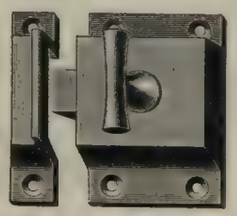


2⅛x1½ in., Cast Iron, T Handle.

	Per Dozen
No. 4222/E—Etruscan Bronzed	$1.70

Weight Per Dozen About 3 Pounds.

One Dozen in a Box, with Screws.

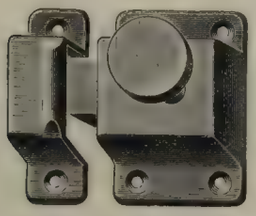


2¼x1 9/16 in., Cast Iron, T Handle.

	Per Dozen
No. 4402/L —Bronze Plated, Light Natural Finish	$2.70
No. 4402/OC—Old Copper Finish	2.70
No. 4402/DB—Dull Brass Finish	2.70

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box, with Screws.

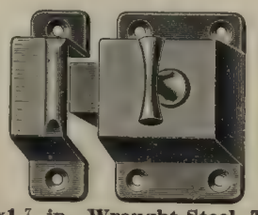


2⅛x1 7/16 in., Wrought Steel, Round Knob.

	Per Dozen
No. 4420/L —Bronze Plated, Light Natural Finish	$1.70
No. 4420/OC—Old Copper Finish	1.70
No. 4420/DB—Dull Brass Finish	1.70

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.



2⅛x1 7/16 in., Wrought Steel, T Handle.

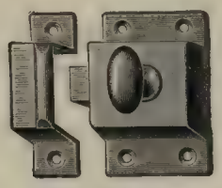
	Per Dozen
No. 4426/L —Bronze Plated, Light Natural Finish	$1.70
No. 4426/OC—Old Copper Finish	1.70
No. 4426/DB—Dull Brass Finish	1.70

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.

Cupboard Turns.

Cuts One-half Size



1⅞x1 5/16 in., Wrought Bronze, Oval Knob.

	Per Dozen
No. 4815/OC —Old Copper Finish	$7.25
No. 4815/DBS—Dull Brass, Sand Blast Finish	7.25
No. 4815/N —Nickel Plated	7.25

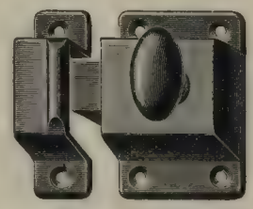
One-half Dozen in a Box, with Screws.

1⅞x1 5/16 in., Wrought Steel, Oval Knob.

	Per Dozen
No. 7810/OC —Old Copper Finish	$1.80
No. 7810/DB —Dull Brass Finish	1.80
No. 7810/DBS—Dull Brass, Sand Blast Finish	2.00
No. 7810/EB —Electro Plated Dead Black	1.80
No. 7810/N —Nickel Plated	2.00

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.



2⅛x1 7/16 in., Wrought Steel, Oval Knob.

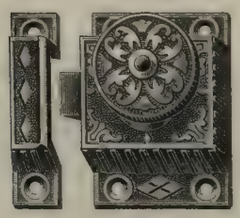
	Per Dozen
No. 4425/L —Bronze Plated, Light Natural Finish	$1.70
No. 4425/OC —Old Copper Finish	1.70
No. 4425/OCS—Old Copper, Sand Blast Finish	1.90
No. 4425/DB —Dull Brass Finish	1.70
No. 4425/DBS—Dull Brass, Sand Blast Finish	1.90
No. 4425/EB —Electro Plated Dead Black	1.75

Weight Per Dozen About 3 Pounds.

One Dozen in a Box, with Screws.

Cupboard Turns.

Cut One-half Size



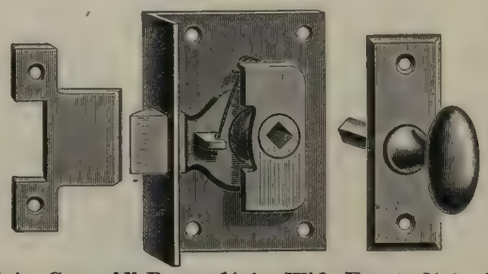
2⅛x1½ in., Cast Iron, Round Knob.

	Per Dozen
No. 4230/E—Etruscan Bronzed	$1.70

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box, with Screws.

Cupboard Latches.



2¾x1⅛ in. Case, All Brass, ½ in. Wide Front, ¾ in. Backset, with Strike and Thumb Knob.

	Per Dozen
No. 52/OC —Old Copper Finish	$20.00
No. 52/DB —Dull Brass Finish	20.00
No. 52/DBS—Dull Brass, Sand Blast Finish	25.00
No. 52/EB —Electro Plated Dead Black	25.00

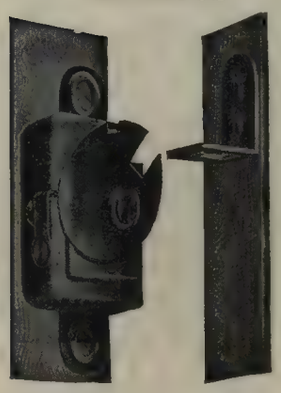
Weight Per Dozen About 3 Pounds.

One-half Dozen in a Box, with Screws.

Screen Door Catches.

Cuts One-half Size

WATROUS



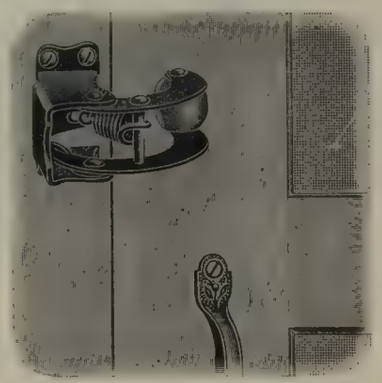
Wrought Steel, Japanned.

	Per Dozen
No. 21—2x1 in., Adjustable Strike, Positive Lock	$2.25

Weight Per Dozen About 2¼ Pounds.

One Dozen in a Box.

SUPERIOR



Heavy Sheet Steel, Japanned.

	Per Dozen
No. 15—2¼x1½ in., Oil Tempered Steel Spring, Solid Rubber Bumper	$2.80

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Screen Door Catches.

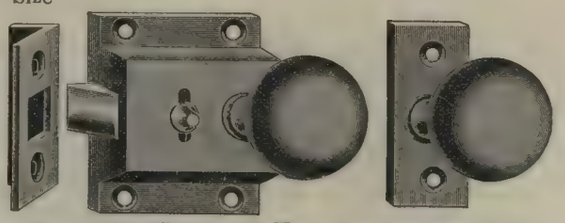
Cuts One-half Size

Cast Iron, with Knob, Reverse Bevel.

Per Dozen

No. 6440/E—2¼x1⅞ in. Case, Etruscan Bronzed, for Doors ⅞ to 1⅜ in. Thick, Plain Bolt, with Stop, Bent Strike.....**$2.80**

Weight Per Dozen About 8 Pounds.



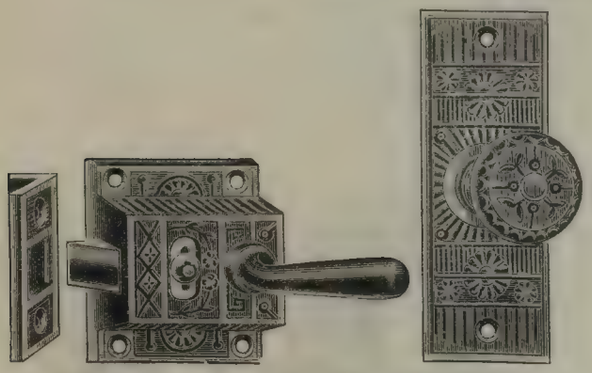
Cast Iron, with Knob, Reverse Bevel.

Per Dozen

No. 5462/OC—2¼x1⅞ in. Case, Old Copper Finish, for Doors ⅞ to 1⅜ in. Thick, Plain Bolt, with Stop **$9.00**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box, with Screws.



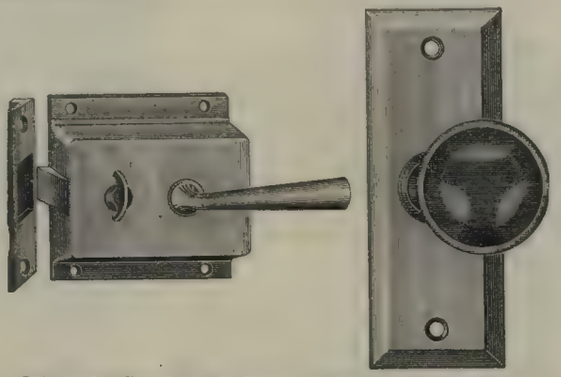
Cast Iron, with Lever Handle, Reverse Bevel.

Per Dozen

No. 3330½/E—2¼x1⅞ in. Case, Etruscan Bronzed, for Doors ⅞ to 1⅜ in. Thick, Plain Bolt, with Stop **$5.60**

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box, with Screws.



Wrought Steel, with Lever Handle, Reverse Bevel.

2¼x2¼ in. Case, 1¾ in. Lever Handle, 4¼x1¼ in. Escutcheon Plate, for Doors ⅞ to 1¼ in. Thick, Beveled Bolt, with Stop.

Per Dozen

No. 29/OC —Old Copper Finish .....**$ 9.50**
No. 29/DB —Dull Brass Finish **9.50**
No. 29/DBS—Dull Brass, Sand Blast Finish..... **10.55**

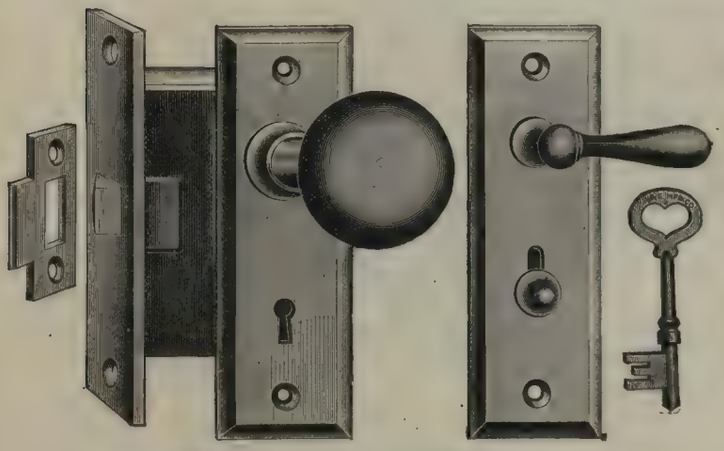
Weight Per Dozen About 7½ Pounds.

One-half Dozen in a Box, with Screws.

Mortise Screen Door Latches.

Cuts One-half Size

REVERSIBLE



For Doors ⅞ to 1½ in. Thick.

Cast Bronze Front and Bolt, Cast Bronze Lever, Wrought Bronze Knob and Escutcheon.

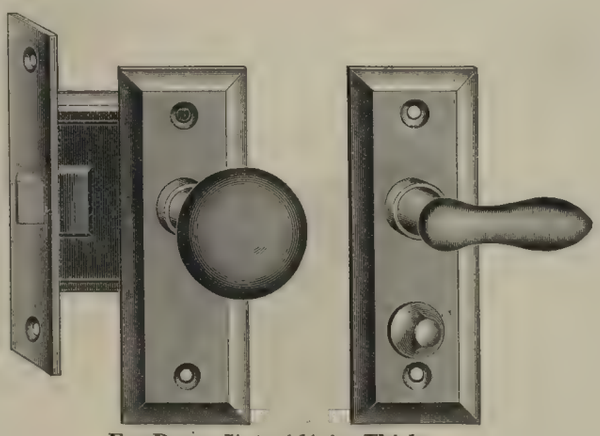
3x2¼x½ in. Case, 4⅜x¾ in. Front, 1⅝ in. Backset, 1⅝ in. Knob for Outside, 2 in. Lever for Inside, 4x1⅜ in. Escutcheon, Slide Stop, Two Tumblers, Two Nickel Plated Steel Keys.

Per Dozen

No. 564½/OC —Old Copper Finish **$27.00**
No. 564½/DB —Dull Brass Finish **27.00**
No. 564½/DBS—Dull Brass, Sand Blast Finish..... **35.00**

Weight Per Set About ¾ Pound.

One Set in a Box, with Screws.



For Doors ⅞ to 1½ in. Thick.

Wrought Steel.

1¾x1⅜x½ in. Japanned Case, 2⅝x$\frac{11}{16}$ in. Front, 1¼ in. Backset, 1¾ in. Knob for Outside, 1¾ in. Lever Handle for Inside, 4½x1½ in. Escutcheon, Slide Stop.

Per Dozen

No. 1375/OC —Old Copper Finish **$10.00**
No. 1375/DB —Dull Brass Finish **10.00**
No. 1375/DBS—Dull Brass, Sand Blast Finish..... **11.50**

Weight Per Set About ½ Pound.

One Set in a Box, with Screws.

Drawer Pulls.

Cuts One-half Size

Size 2⅛x4⅜ in., for ⅞x2⅝ in. Label.

Cast Iron.

	Per Gross
No. 346/E—Etruscan Bronzed	$10.25

Weight Per Gross About 33 Pounds.

One-sixth Gross in a Box, with Screws.

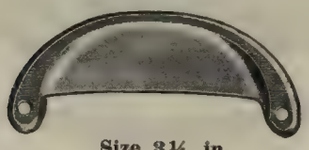
Size 1½x3½ in., for ⅞x2 in. Labels.

Cast Iron.

	Per Gross
No. 1586/L —Bronze Plated, Light Natural Finish	$22.00
No. 1586/OC—Old Copper Finish	23.00
No. 1586/DB—Dull Brass Finish	23.00

Weight Per Gross About 24 Pounds.

One-sixth Gross in a Box, with Screws.



Size 3¼ in.

Wrought Steel.

	Per Gross
No. 436/L —Bronze Plated, Light Natural Finish	$4.50
No. 436/OC —Old Copper Finish	4.50
No. 436/OCS—Old Copper, Sand Blast Finish	5.40
No. 436/DB —Dull Brass Finish	4.50
No. 436/DBS—Dull Brass, Sand Blast Finish	5.40
No. 436/EB —Electro Plated Dead Black	5.40

Wrought Bronze.

	Per Gross
No. 437/L —Light Natural Finish	$13.25
No. 437/OC—Old Copper Finish	14.50
No. 437/DB—Dull Brass Finish	14.50
No. 437/N —Nickel Plated	14.50

Weight Per Gross About 10 Pounds.

One-quarter Gross in a Box, with Screws.

Size 3⅝ in.

Wrought Steel.

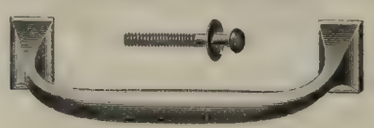
	Per Gross
No. 336/L —Bronze Plated, Light Natural Finish	$5.60
No. 336/OC—Old Copper Finish	5.60
No. 336/DB—Dull Brass Finish	5.60
No. 336/EB—Electro Plated Dead Black	6.10

Wrought Bronze.

	Per Gross
No. 337/L —Light Natural Finish	$15.60
No. 337/OC—Old Copper Finish	15.60
No. 337/DB—Dull Brass Finish	15.60

Weight Per Gross About 10 Pounds.

One-quarter Gross in a Box, with Screws.



Size 4 in.

Cast Iron.

	Per Dozen
No. 407/OC —Old Copper Finish	$2.00
No. 407/DB —Dull Brass Finish	2.00
No. 407/DBS—Dull Brass, Sand Blast Finish	2.80
No. 407/EB —Electro Plated Dead Black	1.80

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Machine Screws.

Size 4⅜ in.

Cast Bronze.

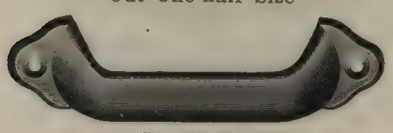
	Per Dozen
No. 864/OC —Old Copper Finish	$4.00
No. 864/DB —Dull Brass Finish	4.00
No. 864/DBS—Dull Brass, Sand Blast Finish	4.50

Cast Iron.

	Per Dozen
No. 864/BB—Bower-Barff Finish	$3.35

Weight Per Dozen About 3 Pounds.
One Dozen in a Box, with Machine Screws.

Cut One-half Size



Size 1x4 in.

Cast Iron.

	Per Gross
No. 620/J—Japanned	$3.35

Weight Per Gross About 3 Pounds.
One-sixth Gross in a Box.

Cut Full Size

Size ⅜x2 in.

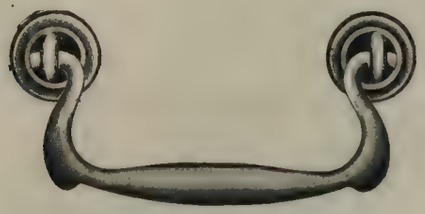
Wrought Brass.

	Per Gross
No. 254—Polished	$5.75

Weight Per Gross About 1½ Pounds.
One-quarter Gross in a Box.

Drawer Pulls.

Cuts One-half Size



Plated Steel Handles and Studs.

Size 3 in. from Center to Center of Bolts.

	Per Dozen
No. 1601—Gilt Finish	**$0.56**

Weight Per Dozen About 1 Pound.

Three Dozen in a Box.

Brass Handles and Studs.

Size 3 in. from Center to Center of Bolts.

	Per Dozen
No. 1548/OC—Old Copper Finish	**$1.80**
No. 1548 —Gilt Finish	**1.70**

Weight Per Dozen About 1¼ Pounds.

One Dozen in a Box.

Wrought Brass Plates, Plated Iron Studs and Bail.

Size of Plate 1½x4 in., 3 in. from Center to Center of Bolts.

	Per Dozen
No. 1471/OC—Old Copper Finish	**$0.68**
No. 1471 —Gilt Finish	**.56**

Weight Per Dozen About 1 Pound.

Six Dozen in a Box.

Wrought Brass Plate, Plated Iron Studs and Bail.

Size of Plate 2x4½ in., 3 in. from Center to Center of Bolts.

	Per Dozen
No. 1457/OC—Old Copper Finish	**$1.00**
No. 1457/B —Brass Finish	**.90**

Weight Per Dozen About 1½ Pounds.

Six Dozen in a Box.

Wrought Brass Plate, Plated Iron Studs and Bail.

Size of Plate 1⅝x3⅝ in., 3 in. from Center to Center of Bolts.

	Per Dozen
No. 1541/OC—Old Copper Finish	**$0.80**
No. 1541/B —Brass Finish	**.68**

Weight Per Dozen About 1 Pound.

Six Dozen in a Box.

Wrought Brass Plate, Plated Iron Studs and Bail.

Size of Plate 2x4¾ in., 3 in. from Center to Center of Bolts.

	Per Dozen
No. 1568/OC—Old Copper Finish	**$0.90**
No. 1568 —Gilt Finish	**.80**

Weight Per Dozen About 1 Pound.

Six Dozen in a Box.

Cast Brass Plate, Iron Bail.

Size of Plate 2x4¼ in., 3 in. from Center to Center of Bolts.

	Per Dozen
No. 5664—Gilt Finish	**$1.15**

Weight Per Dozen About 1¼ Pounds.

Six Dozen in a Box.

Brass Plated Iron Studs, Cast Brass Bail.

Size of Plate 2x4½ in., 3 in. from Center to Center of Bolts.

	Per Dozen
No. 5665—Gilt Finish	**$2.25**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Label Holders and Pulls.

LABEL HOLDER AND PULL

Cuts One-half Size

No. 5509½.

Wrought Brass, Polished and Lacquered.

Per Gross

No. 5509½—For Card 1⅛x⅞ in., Weight Per Gross About 2 Lbs. $5.40

No. 5511½—For Card 2 7/16x1 in., Weight Per Gross About 4¾ Lbs. 8.40

One-quarter Gross in a Box.

LABEL HOLDER

No. 5510½.

Wrought Brass, Polished and Lacquered.

Per Gross

No. 5510½—For Card 1⅛x⅞ in., Weight Per Gross About 1½ Lbs. $3.60

No. 5512½—For Card 2 7/16x1 in., Weight Per Gross About 3¾ Lbs. 7.50

One-quarter Gross in a Box.

LABEL HOLDER AND PULL

No. 1787½.

Wrought Brass, Polished and Lacquered.

Per Gross

No. 1787½—For Card 1¾x1 1/16 in., Weight Per Gross. About 3 Lbs. ..... $ 6.75

No. 1788½—For Card 2⅞x1¼ in., Weight Per Gross About 6¼ Lbs. 11.00

One-quarter Gross in a Box.

LABEL HOLDER

No. 1789½.

Wrought Brass, Polished and Lacquered.

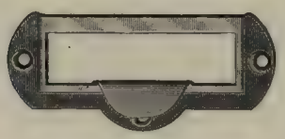
Per Gross

No. 1789½—For Card 1¾x1 1/16 in., Weight Per Gross About 2 Lbs. $3.48

No. 1790½—For Card 2⅞x1¼ in., Weight Per Gross About 4 Lbs. 9.50

One-quarter Gross in a Box.

LABEL HOLDER AND PULL



No. 5547½.

Wrought Brass, Polished and Lacquered.

Per Gross

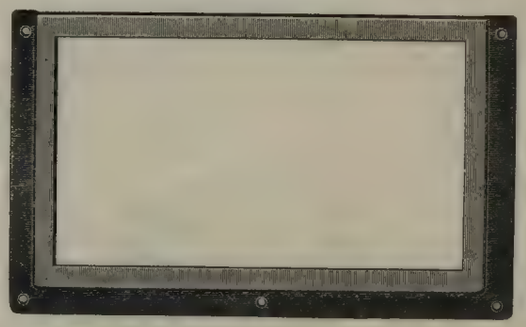
No. 5547½—For Card 2 1/16x¾ in., Weight Per Gross About 4½ Lbs. ..... $ 9.50

No. 1774 —For Card 2⅛x1 in., Weight Per Gross About 6 Lbs. 11.50

No. 5535½—For Card 3⅞x1¼ in., Weight Per Gross About 10 Lbs. 19.00

One-quarter Gross in a Box.

LABEL HOLDER



Wrought Brass, Polished and Lacquered.

Per Gross

No. 5635½—For Card 3x5 in., Weight Per Gross About 10 Lbs. $18.00

One-quarter Gross in a Box.

Name Plates.

Cuts One-half Size

No. 25069.

Wrought Brass.

Per Gross

No. 25069—For Card 2¼x1⅛ in., Weight Per Gross About 2 Lbs. $6.00

No. 25071—For Card 3¼x1⅛ in., Weight Per Gross About 2⅝ Lbs. 7.00

No. 25070—For Card 3⅞x1⅛ in., Weight Per Gross About 3 Lbs. 7.25

One-half Gross in a Box.

No. 25050.

Wrought Brass.

Per Gross

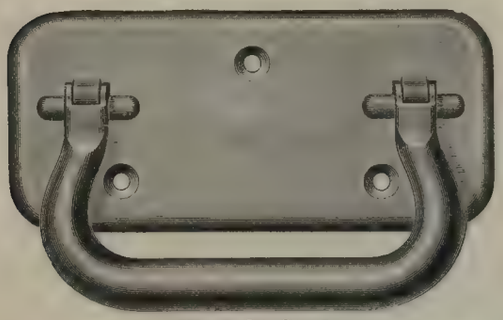
No. 25050—For Card 2 1/16x 7/16 in., Weight Per Gross 1¼ Lbs. $4.90

No. 25051—For Card 2⅛x 7/16 in., Weight Per Gross 1½ Lbs. 5.60

One-half Gross in a Box.

Surface Chest Handles.

Cuts One-half Size



Wrought Steel.
4 in. Handle, 2x4¾ in. Plate.

	Per Dozen Pairs
No. 2082/J —Japanned	**$3.00**
No. 2082/L —Bronze Plated, Light Natural Finish, with Screws	**4.50**
No. 2082/OC—Old Copper Finish, with Screws	**4.50**

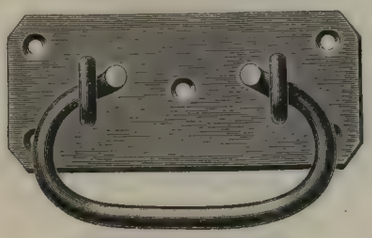
Weight Per Dozen Pairs About 7½ Pounds.
One-half Dozen Pairs in a Box.

Wrought Steel, Tubular Grips.

Width of Handle 4½ in., Size of Plate 4¾x2⅞ in.

	Per Dozen Pairs
No. 1216/J—Japanned	**$4.50**
No. 1216/Z—Sherardized Finish	**5.60**

Weight Per Dozen Pairs About 18 Pounds.
One-quarter Dozen Pairs in a Box, with Screws.

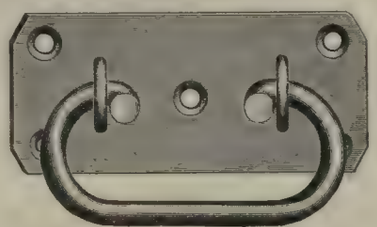


One-half Size Cut No. 71/J.

Wrought Steel, Japanned.

Nos.	71/J	73/J	75/J
Length of Handle, Inches	3¼	3⅞	4½
Size of Plate, Inches	1¾x3⅞	1¾x4⅜	1¾x5
Weight Per Dozen Pairs, Lbs.	6	7½	9
Per Dozen Pairs	**$1.35**	**1.80**	**2.25**

Nos. 71/J and 73/J, One Dozen Pairs; No. 75/J, One-half Dozen Pairs in a Box.

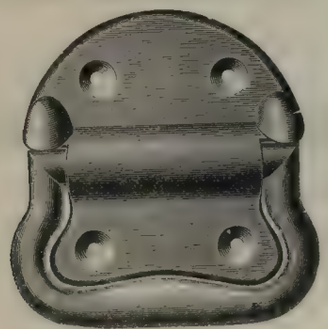


One-half Size Cut No. 61/Z.

Wrought Steel, Sherardized Finish (Rust Proof).

Nos.	61/Z	63/Z	65/Z
Length of Handle, Inches	3	3½	3⅞
Size of Plate, Inches	1¾x4	1¾x4½	2x5
Weight Per Dozen Pairs, Lbs.	5½	10	14
Per Dozen Pairs	**$2.35**	**3.20**	**4.30**

Nos. 61/Z and 63/Z, One Dozen Pairs; No. 65/Z, One-half Dozen Pairs in a Box.

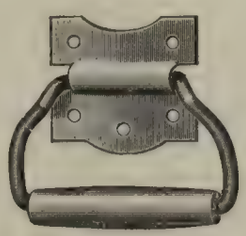


One-half Size Cut No. 11/J.

Extra Heavy, Cast Iron, Japanned.

Nos.	11/J	12/J	13/J
Length of Handle, Inches	3½	4	4¾
Size of Plate, Inches	3⅛x3⅛	3½x3½	4⅛x4¼
Weight Per Dozen Pairs, Lbs.	10	14	24
Per Dozen Pairs	**$1.45**	**1.80**	**2.45**

One-half Dozen Pairs in a Box.

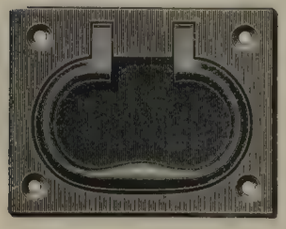


Wrought Steel, Black Enameled.

No.	212/J
Length of Handle, Inches	4½
Weight Per Dozen Pairs, Lbs.	13
Per Dozen Pairs	**$3.00**

One-half Dozen Pairs in a Box.

Flush Chest Handles.



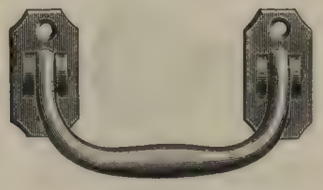
One-half Size Cut No. 31/J.

Cast Iron, Japanned.

Nos.	31/J	32/J	33/J	34/J
Size of Plate, Inches	2 5/16x3	2⅝x3½	3½x4⅜	4¼x5¼
Weight Per Dozen Pairs, Lbs.	8	10	24	28
Per Dozen Pairs	**$1.90**	**2.40**	**4.30**	**5.25**

Nos. 31/J and 32/J, One-half Dozen Pairs; Nos. 33/J and 34/J, One-quarter Dozen Pairs in a Box.

Lifting Handles.



Cast Iron, Riveted, to Swing One Way.
Size 4⅜ in.

	Per Dozen Pairs
No. 163/J—Japanned	**$1.80**

Weight Per Dozen Pairs 5 Pounds.
One Dozen Pairs in a Box.

One-half Size Cut of 2½ in.

No. 2—Cast Brass, Polished and Lacquered, to Swing One Way.

Inches	2½	3	3½
Weight Per Dozen Pairs, Lbs.	1½	2¼	3
Per Dozen Pairs	$4.10	5.10	6.50

One Dozen Pairs in a Box, with Screws.

One-half Size Cut of 2½ in.

No. 1—Heavy, Cast Brass, Polished and Lacquered, to Swing One Way.

Size, Inches	2½	3	3½
Weight Per Dozen Pairs, Lbs.	2½	3½	4
Per Dozen Pairs	$6.50	8.20	10.20

One Dozen Pairs in a Box, with Screws.

One-half Size Cut of 2½ in.

No. 5—Cast Brass, Polished and Lacquered, to Swing Both Ways.

Size, Inches	2½	3	3½
Weight Per Dozen Pairs, Lbs.	2½	3	3½
Per Dozen Pairs	$5.60	6.10	7.80

One Dozen Pairs in a Box, with Screws.

Flush Drawer Handles.

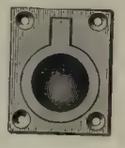
One-half Size Cut No. 44.

Cast Brass, Polished and Lacquered.

Nos.	44	46
Size, Inches	1⅝x3¼	1¾x3⅞
Weight Per Dozen Pairs, Lbs.	4	6
Per Dozen Pairs	$16.75	20.50

One-half Dozen Pairs in a Box, with Screws.

Flush Rings.



One-half Size Cut of 1⅛ in.

No. 20—Cast Brass, Polished and Lacquered.

Inches	1	1⅛	1¼	1⅜	1½
Wt. Per Dozen Pairs, Lbs.	½	⅝	¾	⅞	1
Per Dozen	$1.70	1.90	2.15	2.50	2.70

Two Dozen in a Box, with Screws.

Flush Trap Door Rings.

One-half Size Cut of No. 1/J.

Cast Iron, Japanned.

Nos.	1/J	2/J
Size of Plate, Inches	2¾x3¾	3 1/16x4 1/16
Weight Per Dozen, Lbs.	4½	8
Per Dozen	$1.15	1.70

One Dozen in a Box.

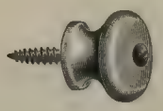
One-half Size Cut of No. 02/J.

Wrought Steel, Japanned.

Nos.	01/J	02/J	03/J
Size of Plate, Inches	3x3½	3½x3¾	3¾x4¼
Weight Per Dozen, Lbs.	5½	7½	10
Per Dozen	$1.45	1.90	2.50

One Dozen in a Box, with Screws.

Shutter Knobs.



One-half Size Cut of 1 in.

No. 15—Porcelain Knob, Loose Tinned Screw.

Size, Inches	⅝	¾	⅞	1	1⅛
Weight Per Gross, Lbs.	1¼	2	3	4	7
Per Gross	$1.90	2.00	2.10	2.10	2.40
Size, Inches		1¼	1½	1¾	2
Weight Per Gross, Lbs.		9	14	21	28
Per Gross		$3.10	3.75	5.60	6.75

One-quarter Gross in a Box.

Furniture Knobs.

One-half Size Cut No. 60.

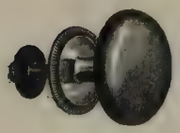
Wrought Brass, Round Base Top.

Nos.	59	60
Size, Inches	1¼	1½
Weight Per Dozen, Lbs.	½	¾
Per Dozen	$0.68	.80

Three Dozen in a Box.

Furniture Knobs.

Cuts One-half Size



No. 68/OC.

Wrought Brass Top, Old Copper Finish.

Nos.	67/OC	68/OC
Size, Inches	1	1¼
Weight Dozen, Lbs.	⅝	¾
Per Dozen	$1.35	1.70

Three Dozen in a Box.

Wrought Brass.
Size 1 in.

	Per Dozen
No. 615/OC—Old Copper Finish	$1.25
No. 615/DB—Dull Brass Finish	1.25
No. 615/DBS—Dull Brass, Sand Blast Finish	1.35
No. 615/N—Nickel Plated	1.35

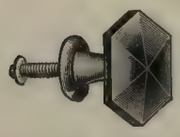
Weight Per Dozen About ½ Pound.
One Dozen in a Box.

Wrought Brass.
Size 1¼ in.

	Per Dozen
No. 610/OC—Old Copper Finish	$1.50
No. 610/DB—Dull Brass Finish	1.50
No. 610/DBS—Dull Brass, Sand Blast Finish	1.60
No. 610/N—Nickel Plated	1.60

Weight Per Dozen About ¾ Pound.
One Dozen in a Box.

Furniture Knobs.



Cast Brass, Hexagon.
Size 1¼ in.

	Per Dozen
No. 2127/DB—Dull Brass Finish	$4.50
No. 2127/DBS—Dull Brass, Sand Blast Finish	5.00

Weight Per Dozen ½ Pound.
One Dozen in a Box.

One-half Size Cut No. 57.

Cast Brass, Gilt Finish.

Nos.	56	57
Size, Inches	1	1¼
Weight Per Dozen, Lbs.	½	¾
Per Dozen	$0.80	.90

Three Dozen in a Box.

Stationary Handles.

Cut One-half Size

Cast Brass.
Size 4⅛ x ⅞ in.

	Per Dozen
No. 76/OC—Old Copper Finish	$2.00
No. 77/DB—Dull Brass Finish	1.90

Weight Per Dozen About ¾ Pound.
Three Dozen in a Box.

GLASS

One-half Size Cut of 1⅜ in.

Pressed Glass Knobs.

No. 5848/DB—Dull Brass Mountings.

Size, Inches	1	1⅜
Wt. Per Dozen, Lbs.	2	2¼
Per Dozen	$2.50	2.80

No. 5848/N—Nickel Plated Mountings.

Size, Inches	1	1⅜
Per Dozen	$2.50	2.80

Three Dozen in a Box.

One-half Size Cut No. 803.

Hexagon Glass Knob.
Dull Brass Mountings.

Nos.	802/DB	803/DB
Size, Inches	1⅛	1¼
Wt. Per Dozen, Lbs.	2	2½
Per Dozen	$4.00	4.50

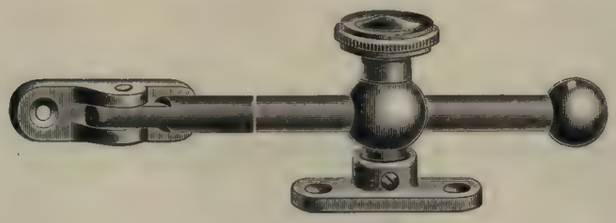
Nickel Plated Mountings.

Nos.	802/N	803/N
Per Dozen	$4.00	4.50

One Dozen in a Box.

Casement Window Adjusters.

FOR CASEMENT SASH SWINGING OUT



12x⅜ in., Cast Iron.

	Per Dozen
No. 64/L —Bronze Plated, Light Natural Finish	$6.75
No. 64/OC—Old Copper Finish	8.00
No. 64/DB—Dull Brass Finish	8.00

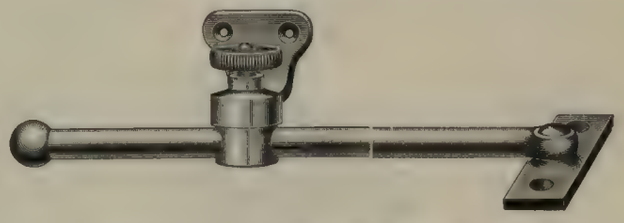
12x⅜ in., Cast Bronze.

	Per Dozen
No. 68/OC —Old Copper Finish	$24.00
No. 68/DB —Dull Brass Finish	24.00
No. 68/DBS—Dull Brass, Sand Blast Finish	27.00

Weight Per Dozen About 11 Pounds.

One-quarter Dozen in a Box, with Screws.

FOR CASEMENT SASH SWINGING IN



12x⅜ in., Cast Iron, Wrought Steel Rod.

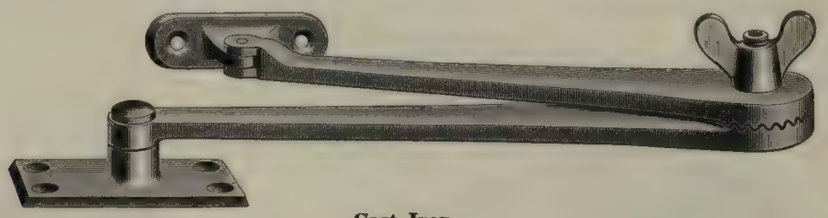
	Per Dozen
No. 7239/OC —Old Copper Finish	$8.00
No. 7239/DB —Dull Brass Finish	8.00
No. 7239/DBS—Dull Brass, Sand Blast Finish	9.00

12x⅜ in., Cast Bronze.

	Per Dozen
No. 7250/OC —Old Copper Finish	$27.00
No. 7250/DB —Dull Brass Finish	27.00
No. 7250/DBS—Dull Brass, Sand Blast Finish	32.00

Weight Per Dozen About 11 Pounds.

One-half Dozen in a Box, with Screws.



Cast Iron.

8¾ in. Long when Closed, 14¾ in. Long when Open, 1 3/16x2⅜ in. Plate.

	Per Dozen
No. 294/OC—Old Copper Finish	$20.20
No. 294/EB—Electro Plated Dead Black	51.50

Weight Per Dozen About 15 Pounds.

One-quarter Dozen in a Box, with Screws.

Casement Window Fasteners.

Cuts One-half Size

For Casement Sash Swinging In.

1⅝x1⅛ in. Plate, Rim Strike.

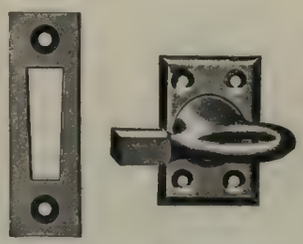
Cast Iron.

	Per Dozen
No. 716/E —Etruscan Bronzed	$1.70
No. 716/OC—Old Copper Finish	3.90
No. 716/DB—Dull Brass Finish	3.90
No. 716/DBS—Dull Brass, Sand Blast Finish	4.50
No. 716/EB—Electro Plated Dead Black	4.00

Cast Bronze.

	Per Dozen
No. 916/OC—Old Copper Finish	$ 8.00
No. 916/DB—Dull Brass Finish	8.00
No. 916/DBS—Dull Brass, Sand Blast Finish	10.00

Weight Per Dozen About 2 Pounds.



For Casement Sash Swinging Out.

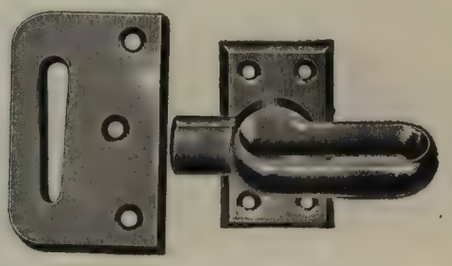
1⅝x1⅛ in. Plate, Mortise Strike.

Cast Iron.

	Per Dozen
No. 02139/OC—Old Copper Finish	$2.75
No. 02139/DB—Dull Brass Finish	2.75
No. 02139/DBS—Dull Brass, Sand Blast Finish	3.25

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.



For Casement Sash Swinging In.

2x1¼ in. Plate, Rim Strike.

Cast Iron.

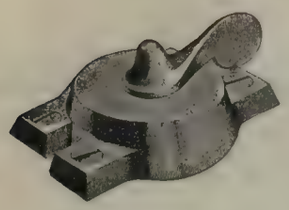
	Per Dozen
No. 6839/OC—Old Copper Finish	$3.75
No. 6839/DB—Dull Brass Finish	3.75
No. 6839/DBS—Dull Brass, Sand Blast Finish	4.25

Weight Per Dozen About 3 Pounds.

Sash Fasteners.

Cuts One-half Size

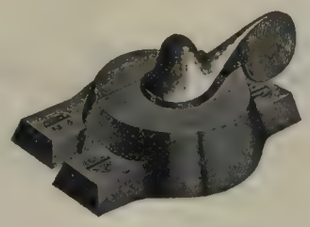
CHAMPION PATTERN



2¼x1¼ in., Cast Iron.

	Per Dozen
No. 100/E —Etruscan Bronzed	$1.15
No. 100/L —Bronze Plated, Light Natural Finish	1.40
No. 100/OC —Old Copper Finish	1.40
No. 100/DB —Dull Brass Finish	1.40
No. 100/DBS—Dull Brass, Sand Blast Finish	1.75
No. 100/EB —Electro Plated Dead Black	1.40

Weight Per Dozen About 3 Pounds.



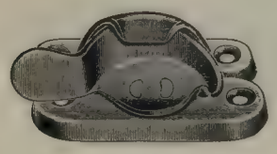
3x1½ in., Bronze Metal, Heavy Pattern.

	Per Dozen
No. 315/L —Light Natural Finish	$7.25
No. 315/OC —Old Copper Finish	7.25
No. 315/DB —Dull Brass Finish	7.25
No. 315/DBS—Dull Brass, Sand Blast Finish	8.00

Weight Per Dozen About 4½ Pounds.

One Dozen in a Box, with Screws.

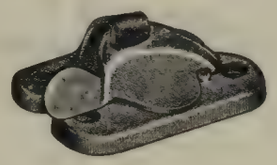
REGULAR SIZE



2½x1½ in., Wrought Steel.

	Per Dozen
No. 800/E —Etruscan Bronzed	$0.90
No. 800/L —Bronze Plated, Light Natural Finish	1.00
No. 800/OC —Old Copper Finish	1.00
No. 800/OCS—Old Copper, Sand Blast Finish	1.15
No. 800/DB —Dull Brass Finish	1.00
No. 800/DBS—Dull Brass, Sand Blast Finish	1.15
No. 800/EB —Electro Plated Dead Black	2.25
No. 800/N —Nickel Plated	2.25

Weight Per Dozen About 2 Pounds.



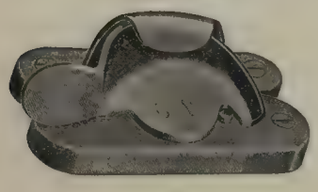
2½x1½ in., Bronze Metal.

	Per Dozen
No. 815/L —Light Natural Finish	$4.50
No. 815/OC —Old Copper Finish	4.50
No. 815/DB —Dull Brass Finish	4.50
No. 815/DBS—Dull Brass, Sand Blast Finish	5.75
No. 815/N —Nickel Plated	5.75

Weight Per Dozen About 2 Pounds.

One Dozen in a Box, with Screws.

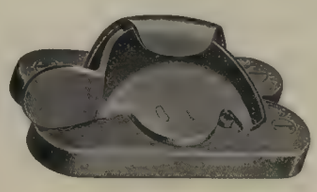
LARGE SIZE



3x2 in., Wrought Steel.

	Per Dozen
No. 900/OC —Old Copper Finish	$1.80
No. 900/DB —Dull Brass Finish	1.80
No. 900/DBS—Dull Brass, Sand Blast Finish	2.25
No. 900/EB —Electro Plated Dead Black	1.80

Weight Per Dozen About 3 Pounds.



3x2 in., Bronze Metal.

	Per Dozen
No. 915/OC —Old Copper Finish	$7.50
No. 915/DB —Dull Brass Finish	7.50
No. 915/DBS—Dull Brass, Sand Blast Finish	8.00

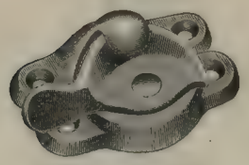
Weight Per Dozen About 3 Pounds.

One Dozen in a Box, with Screws.

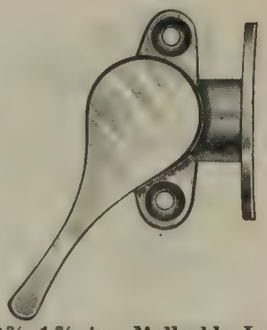
Sash Fasteners.

CRESCENT PATTERN

Cuts One-half Size



SIDE



2¼x1½ in., Cast Iron.

	Per Dozen
No. 200/E —Etruscan Bronzed	$0.75
No. 200/L —Bronze Plated, Light Natural Finish	.80
No. 200/OC —Old Copper Finish	.80
No. 200/OCS—Old Copper, Sand Blast Finish	1.00
No. 200/DB —Dull Brass Finish	.80
No. 200/DBS—Dull Brass, Sand Blast Finish	1.00
No. 200/EB —Electro Plated Dead Black	.80

Weight Per Dozen About 2¼ Pounds.

2¾x1⅝ in., Malleable Iron.

	Per Dozen
No. 18/E —Etruscan Bronzed	$0.90
No. 18/L —Bronze Plated, Light Natural Finish	1.35
No. 18/OC —Old Copper Finish	1.45
No. 18/DB —Dull Brass Finish	1.45
No. 18/DBS—Dull Brass, Sand Blast Finish	1.45

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box, with Screws.

Sash Rollers.

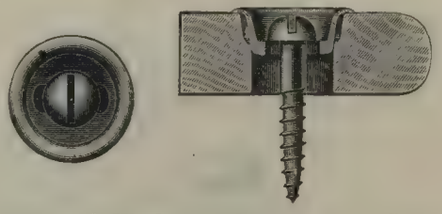
One-half Size Cut of ⅞ in.

No. 10—Cast Iron, Japanned.

Diam. of Wheel, In.	⅝	¾	⅞	1	1¼
Plate, Inches	⅝x1½	¾x1⅝	⅞x2	1x2⅛	1¼x2¼
Wt. Per Gross, Lbs.	8	13	18	21	24
Per Gross	$2.20	2.60	3.40	4.35	6.20

⅝ to 1 in., One-half Gross; 1¼ in. One-quarter Gross in a Box.

Window Stop Adjusters.



Countersunk Washer, with ⅞ in. No. 8 Screw.

Wrought Steel.	Per Gross
No. 749/L —Bronze Plated, Light Natural Finish	$2.70
No. 749/OC —Old Copper Finish	2.90
No. 749/DB —Dull Brass Finish	2.90
No. 749/DBS—Dull Brass, Sand Blast Finish	3.25

Wrought Bronze.	Per Gross
No. 750/OC —Old Copper Finish	$3.90
No. 750/DB —Dull Brass Finish	3.90
No. 750/DBS—Dull Brass, Sand Blast Finish	4.50

Weight Per Gross About 2½ Pounds.

One Dozen in a Package, One Gross in a Box.

Stop Screws and Washers.

Cuts Full Size.

½ in. Diameter, 1/16 in. Thick, Beveled Washer, with 1¼ in. No. 8 Round Head Screws.

Wrought Steel.	Per Gross
No. 12/L —Bronze Plated, Light Natural Finish	$1.00
No. 12/OC —Old Copper Finish	1.15
No. 12/DB —Dull Brass Finish	1.15
No. 12/EB —Electro Plated Dead Black	1.45
No. 12/N —Nickel Plated	1.25

Wrought Bronze.	Per Gross
No. 14/L —Light Natural Finish	$3.35
No. 14/OC —Old Copper Finish	3.70

Wrought Brass.	Per Gross
No. 17/DB —Dull Brass Finish	$3.70
No. 17/DBS—Dull Brass, Sand Blast Finish	3.90

⅝ in. Diameter, 1/16 in. Thick, Rounded Washer, with 1¼ in. No. 8 Flat Head Screws.

Wrought Steel.	Per Gross
No. 34/L —Bronze Plated, Light Natural Finish	$1.00
No. 34/OC —Old Copper Finish	1.15
No. 34/DB —Dull Brass Finish	1.15
No. 34/DBS—Dull Brass, Sand Blast Finish	1.25
No. 34/EB —Electro Plated Dead Black	1.45
No. 34/N —Nickel Plated	1.25

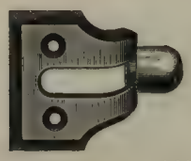
Wrought Bronze.	Per Gross
No. 38/OC —Old Copper Finish	$3.70
No. 38/DB —Dull Brass Finish	3.70
No. 38/DBS—Dull Brass, Sand Blast Finish	3.90

Weight Per Gross About 2 Pounds.

One Gross in a Box.

Window Ventilating Locks.

Cuts One-half Size



1⅝x1½ in., Cast Iron.

1¼x⅞ in. Cast Iron Plate for Top of Lower Sash.

	Per Dozen
No. 33/OC—Old Copper Finish	$3.25
No. 33/DB—Dull Brass Finish	3.25

Allows Windows to be Left Open at the Top, Bottom, or Both Top and Bottom with Entire Security Against Intrusion.

Weight Per Dozen About 3 Pounds.

One Dozen in a Box, with Screws.

Hook Sash Lifts.

Cuts One-half Size

5/16x1¾ in., Cast Iron.

	Per Dozen
No. 5323/E—Etruscan Bronzed	$0.25

Weight Per Dozen About ¾ Pound.

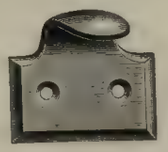
Three Dozen in a Box, with Screws.

1⅜x1 5/16 in., Cast Iron.

	Per Dozen
No. 443/E—Etruscan Bronzed	$0.28

Weight Per Dozen About 1 Pound.

Three Dozen in a Box, with Screws.



1 5/16x1⅝ in., Wrought Steel.

	Per Dozen
No. 486/L —Bronze Plated, Light Natural Finish	$0.40
No. 486/OC —Old Copper Finish	.40
No. 486/OCS—Old Copper, Sand Blast Finish	.50
No. 486/DB —Dull Brass Finish	.40
No. 486/DBS—Dull Brass, Sand Blast Finish	.50
No. 486/EB —Electro Plated Dead Black	.40
No. 486/N —Nickel Plated	.50

1 5/16x1⅝ in., Wrought Bronze.

	Per Dozen
No. 886/L —Light Natural Finish	$1.00
No. 886/OC —Old Copper Finish	1.00
No. 886/DB —Dull Brass Finish	1.00
No. 886/DBS—Dull Brass, Sand Blast Finish	1.40
No. 886/N —Nickel Plated	1.40

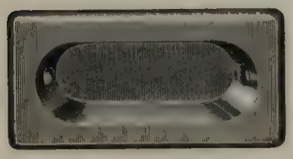
Weight Per Dozen About 1 Pound.

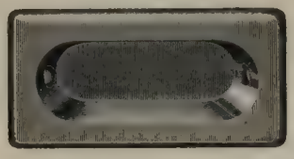
Three Dozen in a Box, with Screws.

Flush Sash Lifts.

Cuts One-half Size

PLAIN





1½x3¼ in., Wrought Steel.

	Per Dozen
No. 14/L —Bronze Plated, Light Natural Finish	$0.56
No. 14/OC—Old Copper Finish	.56
No. 14/DB—Dull Brass Finish	.56
No. 14/EB—Electro Plated Dead Black	.68

1½x3¼ in., Wrought Bronze.

	Per Dozen
No. 18/L —Light Natural Finish	$1.35
No. 18/OC —Old Copper Finish	1.45
No. 18/DB —Dull Brass Finish	1.45
No. 18/DBS—Dull Brass, Sand Blast Finish	1.60
No. 18/N —Nickel Plated	1.56

Weight Per Dozen About 1 Pound.

One Dozen in a Box, with Screws.

Bar Sash Lifts.

Cuts One-half Size

PLAIN

⅞x4¼ in., Cast Iron.

	Per Dozen
No. 405/L —Bronze Plated, Light Natural Finish	$1.00
No. 405/OC—Old Copper Finish	1.00
No. 405/DB—Dull Brass Finish	1.00
No. 405/EB—Electro Plated Dead Black	1.00

Weight Per Dozen About 1¼ Pounds.

One Dozen in a Box, with Screws.

1⅜x4 in., Cast Iron.

	Per Dozen
No. 36/DB —Dull Brass Finish	$3.90
No. 36/DBS—Dull Brass, Sand Blast Finish	4.50

Weight Per Dozen About 1 Pound.

One Dozen in a Box, with Screws.

1¼x4 in., Cast Iron.

	Per Dozen
No. 414/L —Bronze Plated, Light Natural Finish	$0.80
No. 414/OC —Old Copper Finish	.80
No. 414/DB —Dull Brass Finish	.80
No. 414/DBS—Dull Brass, Sand Blast Finish	1.00
No. 414/N —Nickel Plated	1.00
No. 414/EB —Electro Plated Dead Black	.80

Weight Per Dozen About 2 Pounds.

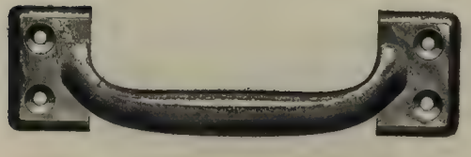
One Dozen in a Box.

1⅜x5 in., Cast Iron.

	Per Dozen
No. 415/L —Bronze Plated, Light Natural Finish	$1.15
No. 415/OC—Old Copper Finish	1.15
No. 415/DB—Dull Brass Finish	1.15
No. 415/EB—Electro Plated Dead Black	1.15

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.



1¼x4 in., Cast Bronze.

	Per Dozen
No. 818/OC —Old Copper Finish	$3.50
No. 818/DB —Dull Brass Finish	3.50
No. 818/DBS—Dull Brass, Sand Blast Finish	4.00

Weight Per Dozen, About 2 Pounds.

1⅜x5 in., Cast Bronze.

	Per Dozen
No. 515/OC—Old Copper Finish	$4.50
No. 515/DB—Dull Brass Finish	4.50
No. 515/N —Nickel Plated	5.00

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box, with Screws.

Window Spring Bolts.

Cuts One-half Size

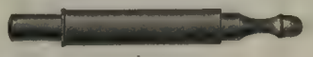
Wrought Iron.

	Per Gross
No. 100—3¼ in., Tinned, with Heavy Zinc Case	$3.60

Cast Iron.

	Per Gross
No. 200—3¼ in., Japanned, with Heavy Zinc Case	$2.15

Weight Per Gross About 3½ Pounds.



Malleable Iron.

	Per Gross
No. 1000—3¼ in., Tinned, Heavy Zinc Case	$3.10
No. 1025—3¾ in., Tinned, Heavy Zinc Case	4.00

Weight Per Gross About 9 Pounds.

One-half Gross in a Box.

Window Springs.

Cut One-half Size

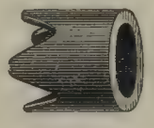
Cast Iron Case, Malleable Iron Bolt.
Coppered Finish.

	Per Gross
No. 19—2 in. Long, Self-Fastening, Screw Socket, Coppered, Spiral Spring, to Fit ¾ in. Hole	$6.75

Weight Per Gross About 12 Pounds.
One-half Gross in a Box.

Window Spring Bolt Sockets.

Cut Full Size



Cast Iron.
Coppered Finish.

	Per Gross
No. 50—½ in., for Window Spring Bolts	$0.68

Weight Per Gross About 2 Pounds.
One Gross in a Box.

Sash Pull Plates.

Cut One-half Size

Wrought Steel.

	Per Dozen
No. 4/E —Etruscan Bronzed	$0.45
No. 4/L —Bronze Plated, Light Natural Finish	.70
No. 4/OC—Old Copper Finish	.80
No. 4/DB—Dull Brass Finish	.80
No. 4/EB—Electro Plated Dead Black	.80

Weight Per Dozen About ½ Pound.
Two Dozen in a Box, with Screws.

Sash Pull Hooks.

Cut One-half Size

3 in. Long, Cast Iron.

	Per Dozen
No. 48/E —Etruscan Bronzed	$1.70
No. 48/OC—Old Copper Finish	3.35
No. 48/DB—Dull Brass Finish	3.35
No. 48/EB—Electro Plated Dead Black	6.20

Weight Per Dozen About 3½ Pounds.
One Dozen in a Box, with Screws.

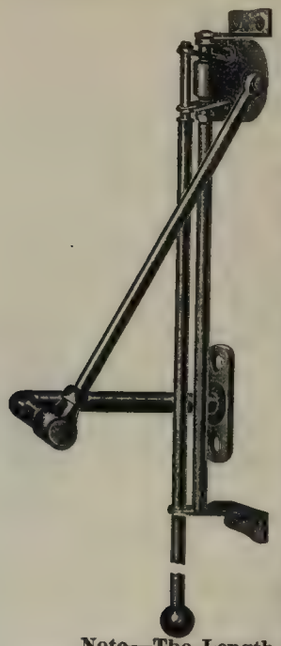
Sash Pull Poles.

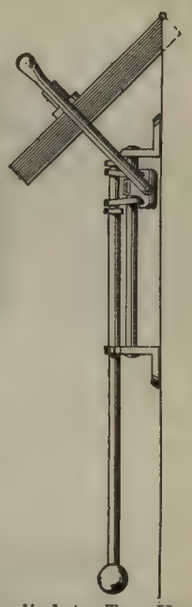
Turned Oak, Finished and Varnished.

Nos.	4	5	6	8
Length, Feet	4	5	6	8
Weight Per Dozen, About, Lbs.	15	18	21	26
Per Dozen	$6.75	7.80	9.00	12.50

Open Stock.

Transom Lifters.





Applied to Top Hung Transom.

SIMPLEX

Steel, Operated by Push and Pull with One Hand, Locks Automatically.

Common Coppered.

Nos.	114	154	155	156	184	185	186
Length of Rod, Feet	4	4	5	6	4	5	6
Diameter of Rod, Inches	¼	5/16	5/16	5/16	⅜	⅜	⅜
Weight Each, About, Lbs.	1¼	2	2¼	2½	2½	3	3½
Each	$0.45	1.00	1.40	1.50	1.45	2.00	2.25

Old Copper Finish.

Nos.	114/OC	154/OC	155/OC	156/OC
Length of Rod, Feet	4	4	5	6
Diameter of Rod, Inches	¼	5/16	5/16	5/16
Each	$0.80	1.45	2.00	2.25

Dull Brass Finish.

Nos.	114/DB	154/DB	155/DB	156/DB
Length of Rod, Feet	4	4	5	6
Diameter of Rod, Inches	¼	5/16	5/16	5/16
Each	$0.80	1.45	2.00	2.25

Electro Plated Dead Black.

Nos.	114/EB	154/EB	155/EB	156/EB
Length of Rod, Feet	4	4	5	6
Diameter of Rod, Inches	¼	5/16	5/16	5/16
Each	$0.80	1.45	2.00	2.25

Note—The Length Measurement given above indicates Length of Rod in the (Old Style) Solid Grip Lifter. The Actual Length of the Simplex is 18 inches shorter than the Sizes mentioned.

3 and 4 ft. Lifters, One-half Dozen in a Box; Balance, Open Stock.

PAYSON'S SOLID GRIP

Steel Brackets, Steel Locks.

Class No. 3—Iron, for Transoms Hinged at Top or Hung on Centers.

Common Coppered.

Nos.	303	304	314	315	316	325	326	328
Length of Rod, Feet	3	4	4	5	6	5	6	8
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜	⅜	⅜
Weight Each, About, Lbs.	1	1¼	2	2½	3½	3	3½	4½
Each	$0.23	.23	.45	.55	.60	.68	.78	.95

Old Copper Finish.

Nos.	203/OC	204/OC	214/OC	215/OC	216/OC	225/OC
Length of Rod, Feet	3	4	4	5	6	5
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜
Each	$0.45	.50	.60	.68	.77	.85

Dull Brass Finish.

Nos.	203/DB	204/DB	214/DB	215/DB	216/DB	225/DB
Length of Rod, Feet	3	4	4	5	6	5
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜
Each	$0.45	.50	.60	.68	.77	.85

Electro Plated Dead Black.

Nos.	203/EB	204EB	214/EB	215/EB	216/EB	225/EB
Length of Rod, Feet	3	4	4	5	6	5
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜
Each	$0.45	.50	.60	.68	.77	.85

Class No. 4—Iron, for Transoms Hinged at Bottom.

Common Coppered.

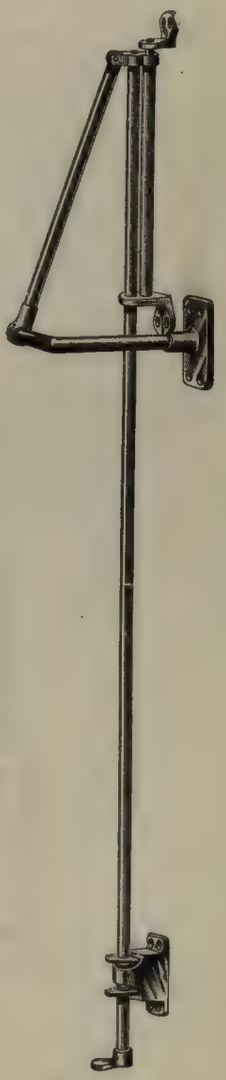
Nos.	404	405	414	415	416	425	426	428
Length of Rod, Feet	4	5	4	5	6	5	6	8
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜	⅜	⅜
Weight Each, About, Lbs.	1¼	1½	2	2½	3½	3	3½	4½
Each	$0.32	.41	.54	.63	.67	.75	.90	1.18

Old Copper Finish.

Nos.	404/OC	405/OC	414/OC	415/OC	416/OC	425/OC
Length of Rod, Feet	4	5	4	5	6	5
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜
Each	$0.60	.67	.72	.81	.95	1.00

Dull Brass Finish.

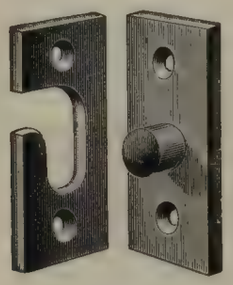
Nos.	404/DB	405/DB	414/DB	415/DB	416/DB	425/DB
Length of Rod, Feet	4	5	4	5	6	5
Diameter of Rod, Inches	¼	¼	5/16	5/16	5/16	⅜
Each	$0.60	.67	.72	.81	.95	1.00



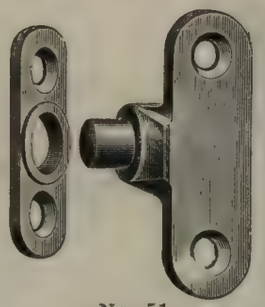
Class No. 3. Open Stock. Class No. 4.

Sash Centers.

Cuts One-half Size



No. 4.



No. 51.

Cast Iron. Per Dozen Sets

No. 4/J—1 x2⅞ in., Japanned **$1.15**
No. 22/J—⅞ x2¼ in., Japanned ..... **.80**

Weight Per Dozen Sets About 5 Pounds.
No. 4, One Dozen; No. 22, Three Dozen Sets in a Box.

Cast Iron. Per Dozen Sets

No. 51 —¾ x2¼ in., Coppered **$1.00**
No. 51/OC—¾ x2¼ in., Old Copper Finish..... **2.80**
No. 51/EB—¾ x2¼ in., Electro Plated Dead Black... **2.80**
No. 53 —1 x3¼ in., Coppered **2.50**
No. 53/OC—1 x3¼ in., Old Copper Finish..... **5.00**
No. 53/EB—1 x3¼ in., Electro Plated Dead Black... **5.00**

Weight Per Dozen Sets About 6 Pounds.

Nos. 51 and 53, One Dozen Sets, without Screws; All Others, One Dozen Sets, with Screws, in a Box.

Sash Mouse.

SHEARS'

Per Dozen

No. 10—53 in. Chain, Fitted at One End with a Patent Sash Cord Fastener, at the Other End with a Lead Weight **$4.50**

The Shears' Sash Mouse is used for placing Sash Cord in Window Frames.

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Sash Cord Irons.

Cut Full Size

Per Gross

No. 1—Cast Iron, Coppered Finish..... **$0.70**

Weight Per Gross About 3½ Pounds.
One Gross in a Box.

Actual Size Front View Open. | As it appears in the Sash. | Actual Size Open. | How it is applied with a Hammer.

No. 380. No. 381.

Per Gross

No. 380—Sash Cord Fastener, Wrought Steel..... **$1.35**
No. 381—Sash Weight Fastener, Wrought Steel..... **.80**

Weight Per Gross About 4 Pounds.
One Gross in a Box.

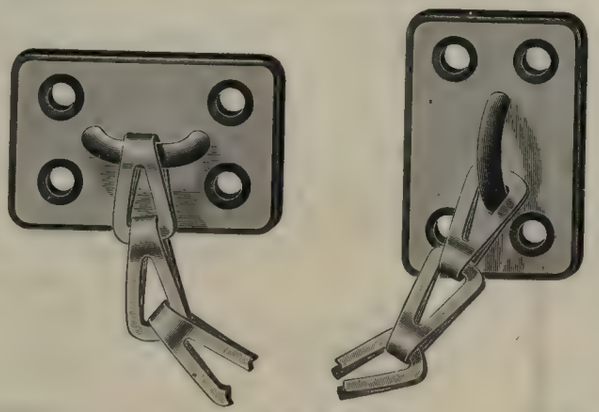
Sash Chain Fasteners.

All Steel. Per Set

No. 6—For Any Size Sash Chain, for Windows of Two Sashes **$0.17**

Weight Per Dozen Sets About ½ Pound.
Twelve Sets in a Box.

Transom Chains.



12 in., Wrought Steel. Per Dozen

No. 40/OC —Old Copper Finish **$2.80**
No. 40/DB —Dull Brass Finish **2.80**
No. 40/DBS—Dull Brass, Sand Blast Finish..... **3.25**
No. 40/EB —Electro Plated Dead Black..... **2.80**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box, with Screws.

Sash Cord.

SAMSON

White Cotton Spot, Hard Braided, Smooth Finish, Extra Stock.

Nos.	7	8	9	10	12
Diameter, Inches	7/32	8/32	9/32	10/32	3/8
Feet to Pound	55	44	36	27	20
Per Pound	$0.90	.88	.88	.88	.88

100 Feet in a Hank; 12 Hanks in a Bundle.

SILVER LAKE

White Cotton, Braided, Smooth Finish.

Nos.	7B	8B	9B	10B
Diameter, Inches	7/32	8/32	9/32	10/32
Feet to Pound	52	44	36	27
Per Pound	$0.82	.82	.82	.82

SILVER LAKE

Best Quality Yarn.

Italian Hemp, Braided, Smooth Finish.

Nos.	8A	10A
Diameter, Inches	8/32	9/32
Feet to Pound	44	27
Per Pound	$1.08	1.08

PELHAM

White Cotton, Braided.

Nos.	7	8
Diameter, Inches	7/32	8/32
Feet to Pound	52	44
Per Pound	$0.58	.57

EDDYSTONE

White Cotton, Braided.

Nos.	7	8
Diameter, Inches	7/32	8/32
Feet to Pound	52	44
Per Pound	$0.60	.59

BALTIC

India Hemp, Braided.

No.	8
Diameter, Inches	8/32
Feet to Pound	44
Per Pound	$0.49

100 Feet in a Hank; 12 Hanks in a Bundle.

WIRE

Galvanized Wire.

	Per Foot
No. 27½—$\frac{3}{16}$ in. Diameter, 6 Strands of 7 Wires Each, Hemp Center	$0.03½

3,000 to 5,000 Feet on a Reel.

Sash Chain.

MONARCH

Special Bronze Metal, Rolled Very Hard.

Nos.	2–0	0	1	2
For Sash, Lbs.	75	100	125	200
Wt. Per 100 Feet, About, Lbs.	5	6	7½	10
Per Foot	$0.06	.07	.08½	.10

Steel, Electro Copper Plated.

Nos.	10	20	30
For Sash, Lbs.	100	125	280
Weight Per 100 Feet, About, Lbs.	6	7½	15
Per Foot	$0.04	.05	.06

ONEIDA COMMUNITY

Galvanized, Hercules Finish.

Nos.	80	100	130	250
For Sash, Lbs.	80	100	130	250
Weight Per 100 Feet, About, Lbs.	5	6	8	14
Per Foot	$0.04	.05	.06	.08

Sash Weights.

Cast Iron.

	Per Pound
Sash Weights—Assorted 3 to 25 Lbs. Each	$0.03
Double Eye Check Weights—½ Lb. Each	.06

Sash Weight Table.

APPROXIMATE WEIGHT OF WINDOWS, GLAZED

Two Lighted Windows—Check Rail, Sash 1⅜ in. Thick.

Size of Glass, Inches.	Single Strength, Pounds.	Double Strength, Pounds.	Size of Glass, Inches.	Single Strength, Pounds.	Double Strength, Pounds.	Size of Glass, Inches.	Single Strength, Pounds.	Double Strength, Pounds.
16x24	19	21	22x26	22	26	26x40	30	34
16x26	19	21	22x28	23	27	26x42	30	34
16x28	21	23	22x30	23	27	26x44	32	36
16x30	22	24	22x32	24	28	26x46	32	36
16x32	23	25	22x34	25	29	26x48	34	39
16x34	24	26	22x36	25	29	28x30	27	31
16x36	24	26	22x38	26	30	28x32	28	32
18x24	20	22	22x40	26	30	28x34	28	32
18x26	20	22	24x24	23	26	28x36	30	34
18x28	22	24	24x26	23	26	28x38	30	34
18x30	24	27	24x28	24	27	28x40	32	36
18x32	24	27	24x30	24	27	28x42	32	37
18x34	25	28	24x32	25	28	28x44	34	38
18x36	25	28	24x34	25	28	28x46	35	39
18x38	26	29	24x36	27	30	28x48	36	40
18x40	26	29	24x38	28	31	30x32	28	33
20x24	21	23	24x40	29	33	30x34	28	33
20x26	21	23	24x42	29	33	30x36	29	34
20x28	22	25	24x44	30	34	30x38	29	34
20x30	22	25	24x46	30	34	30x40	30	35
20x32	23	26	24x48	31	35	30x42	30	35
20x34	24	27	26x30	25	28	30x44	31	36
20x36	25	28	26x32	26	30	30x46	31	36
20x38	26	30	26x34	27	31	30x48	32	38
20x40	26	30	26x36	28	32	30x50	34	40
22x24	22	26	26x38	28	32	.....	..	..

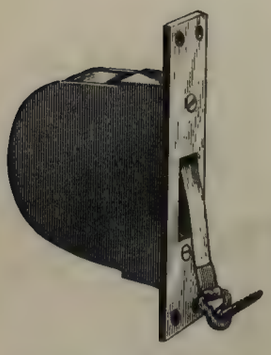
Four Weights are Required for Each Window.

Divide the Weight of Each Window by 4 to Get the Heft of Each Weight Required.

Sash Balances.

CALDWELL'S

Spring, Side Pattern, Lacquered Face.



Nos.	8	10	12	14	16	18
Weight of Each Sash, Lbs.	6 to 8	8 to 10	10 to 12	12 to 14	14 to 16	16 to 18
Height Each Sash Not to Exceed, In.	40	40	42	46	46	46
Length of Tape, Inches	30	34	38	42	42	44
Weight Per Set, About, Lbs.	3⅛	3¼	4½	4¾	6¼	6½
Per Set of 4	$2.20	2.40	2.60	2.80	3.00	3.20

Nos.	20	23	26	29	32	35
Weight of Each Sash, Lbs.	18 to 20	20 to 23	23 to 26	26 to 29	29 to 32	32 to 35
Height Each Sash Not to Exceed, In.	54	54	54	54	54	60
Length of Tape, Inches	46	50	50	52	52	54
Weight Per Set, About, Lbs.	6¾	8¼	9	9½	10	13½
Per Set of 4	$3.40	4.00	4.25	4.50	4.75	5.50

One Set (4 Balances) Complete to Hang One Complete Window (2 Sash), in a Box, with Screws.

When ordering be careful to give Weight, also Height of each Sash, or give Number mentioned above. Side Balances, for Heavier Sash also top Balances, can be furnished to order.

The Caldwell Sash Balance consists of a thoroughly tested steel clock spring coiled within an iron drum, around which is wound a tempered Bronze Tape or Ribbon, which is attached to the Sash, while the resistance of the Spring furnishes the requisite tension or supporting power. The tension of the spring is controlled by means of a brake which is regulated by a screw in the face plate, whereby the balance may easily and conveniently be adjusted at any time to the exact weight of the Sash, and give the latter a steady or uniform motion. The suspending Tape or Ribbon is attached to the Sash by means of Bronze Loop held in place by a screw.

This Balance is especially useful in remodeling old Houses, as it can be easily applied to old Windows without altering the Frame or Sash.

Frame Pulleys.

SQUARE END

Cast Iron, Polished Iron Wheel, Cold Rolled Steel Axle.

Nos.	40	60	70
Wheel, Inches	1¾	2	2¼
Face, Inches	1x4⅛	1x4½	1x4½
Weight Per Dozen, Lbs.	4	5	6½
Per Dozen	$0.48	.50	.62

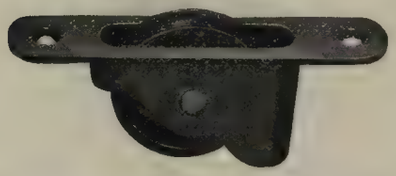
ROUND END

Cast Iron, Polished Iron Wheel, Cold Rolled Steel Axle.

No.	2130
Wheel, Inches	2¼
Face, Inches	1x4¾
Weight Per Dozen, Lbs.	5½
Per Dozen	$0.62

Open Stock.

ROUND END



Cast Iron, Polished Iron Wheel, Cold Rolled Steel Axle.

Nos.	90	100
Wheel, Inches	2	2¼
Face, Inches	1⅛x4½	1⅛x5
Weight Per Dozen, Lbs.	4¾	6
Per Dozen	$0.50	.62

COMMON SENSE

Polished Iron Wheel, Round Groove, Steel Axle.

Nos.	18	20
Wheel, Inches	1¾	2
Face, Inches	1x4	1x4
Weight Per Dozen, Lbs.	4¾	5
Per Dozen	$0.48	.50

Open Stock.

TOP NOTCH

Wrought Steel Case and Wheel, Steel Axle.

Per Dozen
No. 33—2 in. Wheel, 1x2¾ in. Face, Lacquered, 3 Bore . $0.55

Weight Per Dozen About 2 Pounds.

Wrought Steel Case and Wheel, Steel Axle.

Per Dozen
No. 44—2 in. Wheel, 1x3¼ in. Face, Lacquered, 4 Bore . $0.55

Weight Per Dozen About 2 Pounds.

Open Stock.

GRAND RAPIDS

Wrought Steel Case and Wheel.

Per Dozen
No. 11—2 in. Wheel, ¾x2¾ in. Face, 3 Bore $0.54

Weight Per Dozen About 2 Pounds.

Wrought Steel Case and Wheel.

Per Dozen
No. 12—2 in. Wheel, ¾x3 in. Face, 4 Bore $0.54

Weight Per Dozen About 2 Pounds.

Open Stock.

Frame Pulleys.

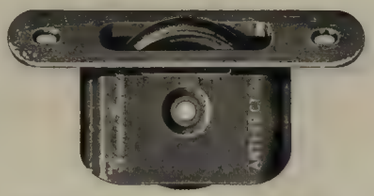
GRAND RAPIDS

Wrought Steel Case and Wheel, Automatic.

	Per Dozen
No. 112—2 in. Wheel, ¾x3 in. Face, Axle Bearing	$0.51

Weight Per Dozen About 2 Pounds.

Open Stock.



Wrought Steel Case and Wheel.

	Per Dozen
No. 21C —2¼ in. Wheel, 1⅛x5 in. Face, Anti-Friction, Axle Bearing, Boston Bronze Lacquer Finish	$1.05
No. 21CB—Ball Bearing, Otherwise Same as No. 21C	1.90

Weight Per Dozen About 2 Pounds.

Open Stock.

GRAND RAPIDS

Wrought Steel Case and Wheel.

	Per Dozen
No. 103—2 in. Wheel, 1x4 in. Face, Cone Bearing	$0.50

Weight Per Dozen About 2 Pounds.

Open Stock.

FOX PATENT

Wrought Steel Case and Wheel.

	Per Dozen
No. 3C—2 in. Wheel, Axle Bearing Drive Pulley	$0.56

Weight Per Dozen About 2 Pounds.

Open Stock.

GRAND RAPIDS

Wrought Steel Case and Wheel.

	Per Dozen
No. 5—2 in. Wheel, ⅝x3 in. Face, Ball Bearing	$0.60
No. 105—Same as No. 5, but Cone Bearing	.50

Weight Per Dozen About 2 Pounds.

Open Stock.

Wrought Steel Case and Wheel.

	Per Dozen
No. 4—2 in. Wheel, 1x3⅝ in. Face Plate, Ball Bearing	$0.60
No. 104—Same as No. 4, but Cone Bearing	.50

Weight Per Dozen About 2½ Pounds.

Open Stock.

NOISELESS, SQUARE END

Iron Face, Turned Wheel, Steel Axle.

No. 22/E—Etruscan Bronzed, Round Groove, for Sash Cord.

Wheel, Inches	2	2¼	2½
Weight Per Dozen, Lbs.	5	7	8
Per Dozen	$1.70	1.90	2.30

No. C22/E—Etruscan Bronzed, Square Groove, for Sash Chain.

Wheel, Inches	2	2¼	2½
Weight Per Dozen, Lbs.	5	7	8
Per Dozen	$1.70	1.90	2.30

NOISELESS, ROUND END

Iron Face, Turned Wheel, Steel Axle.

No. 222/E—Etruscan Bronzed, Round Groove, for Sash Cord.

Wheel, Inches	2	2¼	2½
Weight Per Dozen, Lbs.	5	7	8
Per Dozen	$1.70	1.90	2.30

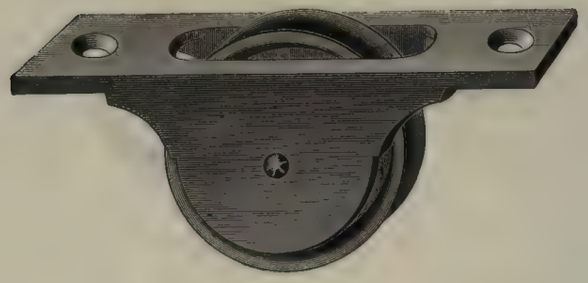
No. C222/E—Etruscan Bronzed, Square Groove, for Sash Chain.

Wheel, Inches	2	2¼	2½
Weight Per Dozen, Lbs.	5	7	8
Per Dozen	$1.70	1.90	2.30

One Dozen in a Box.

Pulleys.

DUMB WAITER



One-half Size Cut.

Heavy, Iron.

	Per Dozen Will
No. 40—3 in. Wheel, 1¼x6 in. Face, Japanned, Take ½ in. Rope	$3.30

Weight Per Dozen About 8 Pounds.

Two-thirds Dozen in a Package.

CEILING

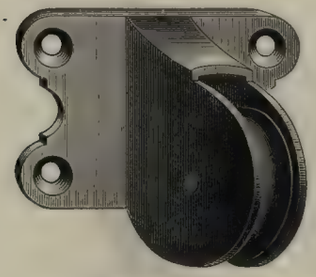
One-half Size Cut of 2 in.

No. 95—Iron, Japanned.

Wheel, Inches	1¾	2	2½
For Rope, Inches	1/8	5/16	3/8
Weight Per Dozen, Lbs.	8	9	10
Per Dozen	$0.95	1.40	1.95

One Dozen in a Box.

HOT HOUSE



One-half Size Cut of 2 in.

No. 85—Single Wheel, Japanned.

Wheel, Inches	1¾	2	2¼	2½
For Rope, Inches	¼	5/16	5/16	3/8
Weight Per Dozen, Lbs.	10	12	15	17
Per Dozen	$1.40	1.65	2.25	3.00

One-half Size Cut of 2 in.

No. 87—Double Wheel, Japanned.

Wheels, Inches	1¾	2	2¼	2½
For Rope, Inches	¼	5/16	5/16	3/8
Weight Per Dozen, Lbs.	13	15	18	20
Per Dozen	$2.25	2.60	3.75	4.42

1¾ and 2 in., One Dozen; 2¼ and 2½ in., One-half Dozen in a Box.

INCASED SCREW

One-half Size Cut of 2 in.

No. 43—Iron, Japanned.

Wheel, Inches	2	2½	3
For Rope, Inches	5/16	3/8	3/8
Wt. Per Dozen, About, Lbs.	9	11	14
Per Dozen	$1.24	1.65	2.25

One Dozen in a Box.

INCASED SWIVEL

One-half Size Cut of 2½ in.

No. 42—Iron, Japanned.

Wheel, Inches	2½	3
For Rope, Inches	5/16	3/8
Weight Per Dozen, About, Lbs.	12	15
Per Dozen	$1.65	2.10

One Dozen in a Box.

Pulleys.

SCREW

One-half Size Cut of ¾ in.

No. 36—Wrought Brass, Polished, Single Wheel.

Wheel, Inches	½	⅝	¾
For Rope, Inches	⅛	⅛	5/16
Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	$0.80	.90	1.15
Wheel, Inches	1	1¼	1½
For Rope, Inches	¼	¼	¼
Weight Per Dozen, Lbs.	1½	2	2¼
Per Dozen	$1.35	2.80	4.50

One Dozen in a Box.

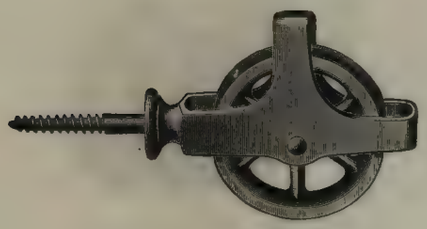
One-half Size Cut of 1¾ in.

No. 45—Iron, Japanned.

Wheel, Inches	¾	1	1¼	1½	1¾	2
For Rope, Inches	5/16	¼	¼	¼	5/16	5/16
Weight Per Dozen, Lbs.	1¾	2	2¼	2½	4	5½
Per Dozen	$0.34	.36	.39	.48	.56	.72
Wheel, Inches		2¼	2½	3	4	5
For Rope, Inches		⅜	⅜	7/16	⅝	¾
Weight Per Dozen, Lbs.		7	10	12	19	26
Per Dozen		$0.90	.97	1.50	3.45	6.90

¾ to 2¼ in., Two Dozen; 2½ and 3 in., One Dozen; 4 and 5 in., One-third Dozen in a Box.

INCASED SCREW



One-half Size Cut of 2 in.

No. 46—Iron, Japanned.

Wheel, Inches	1½	2
For Rope, Inches	¼	5/16
Weight Per Dozen, About, Lbs.	2	4
Per Dozen	$0.90	1.45

One Dozen in a Box.

UPRIGHT

One-half Size Cut of 1¾ in.

No. 55—Iron, Japanned.

Wheel, Inches	1¾	2	2½	3
For Rope, Inches	¼	5/16	⅜	⅜
Wt. Per Doz., About, Lbs.	3	3½	5	7
Per Dozen	$0.72	.92	1.21	1.65

1¾ and 2 in., Two Dozen; 2½ and 3 in., One Dozen in a Box.

SIDE

One-half Size Cut of 1 in.

One-half Size Cut of 1¼ in.

No. 25—Iron, Japanned, Incased, Single Wheel.

Wheel, Inches	1	1¼	1½	1¾	2	2¼	2½	3	4	5
For Rope, Inches	¼	¼	¼	5/16	5/16	⅜	⅜	7/16	⅝	¾
Weight Per Dozen, About, Lbs.	2	3	3½	4	4½	6	10	15	36	60
Per Dozen	$0.56	.60	.68	.75	.97	1.35	1.50	2.25	5.60	9.60

1 to 2 in., Two Dozen; 2¼ and 2½ in., One Dozen; 3 in., One-half Dozen; (in., One-quarter Dozen; 5 in., One-sixth Dozen in a Box.

Pulleys.

TACKLE OR AWNING

Full Size Cut of 1 in.

No. 71—Iron, Japanned, with Bright Wire Screw Eye.

Wheel, Inches	½	⅝	¾	1	1¼
For Rope, Inches	⅛	3/16	3/16	¼	¼
Wt. Per Doz., About, Lbs.	1	1½	2	3	4
Per Dozen	$0.49	.56	.64	.83	1.00

Full Size Cut of 1 in.

No. 171—Iron, Galvanized, with Brass Wire.

Screw, Eye	½	⅝	¾	1
For Rope, Inches	⅛	3/16	3/16	¼
Wt. Per Doz., About, Lbs.	1	1½	2	3
Per Dozen	$0.68	.83	.90	1.12

One Dozen in a Box.

Full Size Cut of ¾ in.

No. 74—Iron, Japanned, Single Wheel.

Wheel, Inches	½	⅝	¾	1	1¼
For Rope, Inches	⅛	3/16	3/16	¼	¼
Wt. Per Doz., About, Lbs.	1¼	1½	1¾	2	3
Per Dozen	$0.32	.41	.45	.51	.60

Wheel, Inches	1½	1¾	2	2½
For Rope, Inches	1/16	⅜	7/16	⅝
Wt. Per Doz., About, Lbs.	4¼	5½	8	10
Per Dozen	$0.75	1.05	1.40	2.70

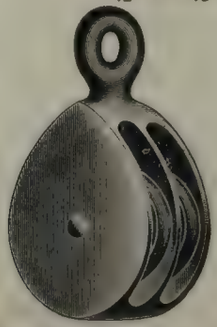
Full Size Cut of ¾ in.

No. 174—Iron, Galvanized, Single Wheel.

Wheel, Inches	½	⅝	¾	1	1¼
For Rope, Inches	⅛	3/16	3/16	¼	¼
Wt. Per Doz., About, Lbs.	1¼	1½	1¾	2	3
Per Dozen	$0.47	.56	.60	.75	.98

Wheel, Inches	1½	1¾	2	2½
For Rope, Inches	1/16	⅜	7/16	⅝
Wt. Per Doz., About, Lbs.	4¼	5½	8	10
Per Dozen	$1.40	1.95	3.00	4.95

½ to 1¾ in., One Dozen; 2 and 2½ in., One-half Dozen in a Box.



Full Size Cut of ¾ in.

No. 76—Iron, Japanned, Double Wheel.

Wheel, Inches	½	¾	1	1¼
For Rope, Inches	⅛	1/16	¼	¼
Wt. Per Doz., About, Lbs.	2	2¼	2¾	3½
Per Dozen	$0.56	.64	.75	.90

Wheel, Inches	1½	1¾	2	2½
For Rope, Inches	1/16	⅜	7/16	⅝
Wt. Per Doz., About, Lbs.	6	7½	11	13
Per Dozen	$1.37	1.80	2.68	4.65

Full Size Cut of ¾ in.

No. 176—Iron, Galvanized, Double Wheel.

Wheel, Inches	½	¾	1	1¼
For Rope, Inches	⅛	1/16	¼	¼
Wt. Per Doz., About, Lbs.	2	2¼	2¾	3½
Per Dozen	$0.90	.98	1.16	1.35

Wheel, Inches	1½	1¾	2	2½
For Rope, Inches	1/16	⅜	7/16	⅝
Wt. Per Doz., About, Lbs.	6	7½	11	13
Per Dozen	$2.21	3.68	4.43	7.13

½ to 1¾ in., One Dozen; 2 in., One-half Dozen; 2½ in., One-third Dozen in a Box.

Pulleys.

TACKLE OR AWNING

One-half Size Cut of 1½ in.

No. 75—Iron, Japanned, Single Wheel.

Wheel, Inches	2	2½	3
For Rope, Inches	5/16	3/8	7/16
Weight Per Dozen, About, Lbs.	11	13	17
Per Dozen	$1.45	2.05	2.68

One-half Size Cut of 1½ in.

No. 77—Iron, Japanned, Double Wheel.

Wheel, Inches	2	2½	3
For Rope, Inches	5/16	3/8	7/16
Weight Per Dozen, About, Lbs.	12	20	25
Per Dozen	$2.25	3.00	4.05

2 in., One Dozen; 2½ and 3 in., One-half Dozen in a Box.

CLOTHES LINE

Cut One-half Size.

Iron, Jointed on Plate.

	Per Dozen
No. 66—For 5/16 in. Rope, Japanned	$1.00
No. 166—For 5/16 in. Rope, Galvanized	1.50

Weight Per Dozen About 4½ Pounds.

One Dozen in a Box.

One-third Size Cut of 3 in.

No. 65—Iron, Japanned.

Wheel, Inches	2½	3
For Rope, Inches	5/16	3/8
Weight Per Dozen, About, Lbs.	8	12
Per Dozen	$0.98	1.50

No. 165—Iron, Galvanized.

Wheel, Inches	2½	3
For Rope, Inches	5/16	3/8
Weight Per Dozen, About, Lbs.	8	12
Per Dozen	$1.50	2.25

One Dozen in a Box.

Clothes Line Hooks.

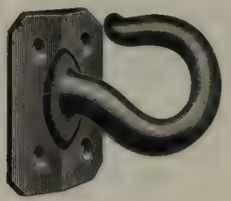
Cuts One-half Size

Cast Iron.

	Per Dozen
No. 3—Japanned, 2 in. Projection	$0.40

Weight Per Dozen About 4 Pounds.

Two Dozen in a Box.

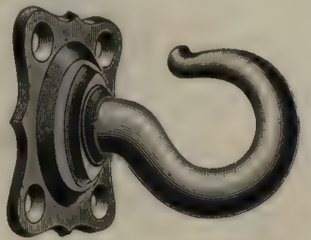


Cast Iron.

	Per Dozen
No. 2—Japanned, 2 in. Projection	$0.45
No. 22—Galvanized, 2 in. Projection	.68

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.



Cast Iron.

	Per Dozen
No. 1—Japanned, 3 in. Projection	$1.00
No. 21—Galvanized, 3 in. Projection	1.55

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

Mail Boxes.

CITY JEWEL

Refined Steel, Ebony Black Enameled.

Per Dozen

No. 21—10 in. High, 5½ in. Wide at Top, 2¾ in. Deep, with Clip on Front for Newspapers **$3.60**

Weight Per Dozen About 12 Pounds.

One-twelfth Dozen in a Box.

COTTAGE JEWEL

26 Gauge Cold Rolled Steel, Ebony Black Enameled.

Per Dozen

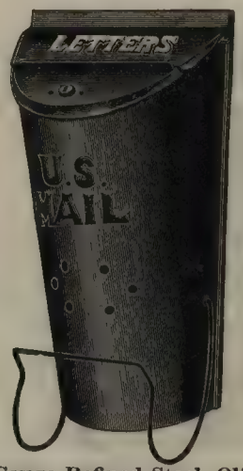
No. 10—9¼ in. High, 5¼ in. Wide, 2 in. Deep, Padlock Staple, with Clip on Front for Newspapers **$4.25**

No. 18—Same Description as No. 10, but with Lock and Two Keys **8.00**

Weight Per Dozen About 18 Pounds.

One-twelfth Dozen in a Box.

URBAN GEM



Heavy Gauge Refined Steel, Olive Green Enameled.

Per Dozen

No. 45—11 in. High, 6¼ in. Wide at Top, 3½ in. Deep, with Patent Wire Package Holder **$7.25**

Weight Per Dozen About 22 Pounds

One-twelfth Dozen in a Box, with Screws.

CAST IRON

Cast Iron, Japanned.

Per Dozen

No. 02—9¾ in. High, 4½ in. Wide, 2 in. Deep, Padlock Staple **$8.00**

Weight Per Dozen About 30 Pounds.

Open Stock.

AJAX

Steel, Oxidized Zinc Finish, Rust Proof.

Per Dozen

No. 25/Z—11¾ in. High, 6 in. Wide, 2¼ in. Deep, Flat Key Spring Lock, Two Flat Steel Keys, Two Changes, with Wire Package Holder and Glass Panel with Card Holder for Owner's Name **$21.50**

Weight Per Dozen About 27 Pounds.

One-twelfth Dozen in a Box, with Screws.

URBAN JEWEL

Nos. 35 to 535.

Special Refined Steel, Brass Nose Lock, Two Keys, 10¼ in. High, 5¼ in. Wide, 2¼ in. Deep, Beveled Glass Sight, Brass Handle and Name Plate, with Wire Package Holder.

	Per Dozen
No. 35—Ebony Black Finish	**$ 8.50**
No. 55—Galvanized Steel, Aluminum Finish	**8.50**
No. 355—Old Copper Finish	**12.25**
No. 535—Dull Brass Finish	**13.50**

Weight Per Dozen About 24 Pounds.

One-twelfth Dozen in a Box, with Screws.

CORBIN

10½ in. High, 5½ in. Wide, 2¼ in. Deep, Rivet Jointed, Glass Sight, Brass Name Holder, Secure Lever Lock, Two Keys, Spring Attachment at Bottom to Hold Papers.

	Per Dozen
No. C2—Wrought Steel, Black Enameled	**$24.00**
No. C4—Wrought Steel, Old Copper Finish	**32.00**
No. C10—Wrought Brass, Dipped and Lacquered	**40.00**
No. C11—Wrought Brass, Old Copper Finish	**48.00**

Weight Per Dozen About 24 Pounds.

One-twelfth Dozen in a Box, with Screws.

Nos. C2 to C11.

Mail Boxes.

CITY GEM

Nos. 1 to 16.

Special Refined Steel, Riveted Joints.
10 in. High, 6 in. Wide, 8 in. Deep, Self-Closing Top Letter Flap, Glass Sight, Brass Door Pull and Name Holder, Patent Wire Package Holder.

With Brass Nose Lock and Two Keys.

	Per Dozen
No. 1—Olive Green Enameled	$10.00
No. 01—Galvanized Steel, Aluminum Finish	10.00
No. 15—Old Copper Finish	15.00
No. 16—Dull Brass Finish	16.00

With Padlock Staple, without Lock.

	Per Dozen
No. 3—Olive Green Enameled	$9.00
No. 03—Galvanized Steel, Aluminum Finish	9.00

Weight Per Dozen About 30 Pounds.
One-twelfth Dozen in a Box, with Screws.

Nos. 3 and 03.

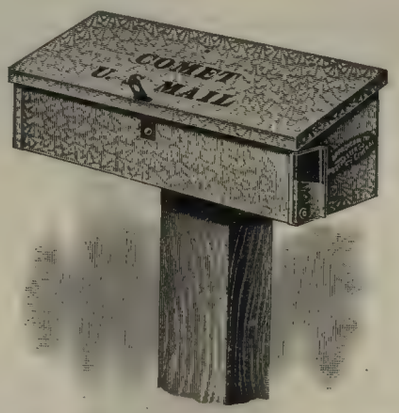
GEM, RURAL

22 Gauge Galvanized Steel, Aluminum Finish.

	Per Dozen
No. 4—19 in. Long, 6 in. Wide, 8½ in. High, Large Signal Flag, Visible for a Long Distance and Easily Operated, Equipped with Edmunds' Patent Letter and Penny Holder, with Self-Closing Door	$14.50
No. 6—Same Description as No. 4, but without Self-Closing Door	14.00

Weight Per Dozen About 85 Pounds.
One-quarter Dozen in a Crate.

COMET, RURAL



20 Gauge Galvanized Steel, Aluminum Finish Top.

	Per Dozen
No. 7—18 in. Long, 6 in. High in Rear, 4½ in. High in Front, Reinforced Edges	$16.00

Weight Per Dozen About 90 Pounds.
One-quarter Dozen in a Crate.

Letter Box Plates.

Cut One-half Size

Cast Iron.

2¼x7⅜ in. Outside Plate, 4½x1⅛ in. Opening, 2¼x6¾ in. Inside Plate.

	Per Dozen
No. 256/E—Etruscan Bronzed	$4.50

Weight Per Dozen About 7 Pounds.
One-sixth Dozen in a Box, with Screws.

Cut One-third Size

Extra Large, Cast Iron.

4x11 in. Outside Plate, 2x8 in. Opening, 3¾x11 in. Inside Plate.

	Per Dozen
No. 376/E—Etruscan Bronzed	$20.00

Weight Per Dozen About 15 Pounds.
One-twelfth Dozen in a Box, with Screws.

Letter Box Plates.

Cuts One-half Size

Wrought Bronze.

2½x7 in. Outside Plate, 1⅛x4¾ in. Opening, 2½x7 in. Inside Plate.

	Per Dozen
No. 258/OC—Old Copper Finish	$32.00
No. 258/DB—Dull Brass Finish	32.00
No. 258/BB—Bower-Barff Finish	32.00

Weight Per Dozen About 15 Pounds.

Wrought Steel.

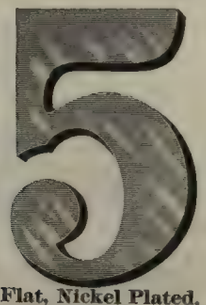
2½x6¾ in. Outside Plate, 1x4⅜ in. Opening, 2½x6¾ in. Inside Plate.

	Per Dozen
No. 2256/OC —Old Copper Finish	$12.25
No. 2256/DB —Dull Brass Finish	12.25
No. 2256/DBS—Dull Brass, Sand Blast Finish	13.00
No. 2256/BB —Bower-Barff Finish	10.00

Weight Per Dozen About 14 Pounds.

One-sixth Dozen in a Box, with Screws.

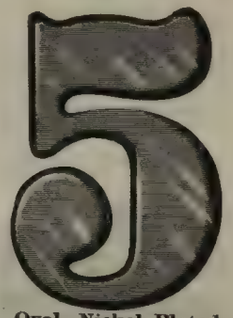
House Numbers.



Flat, Nickel Plated.

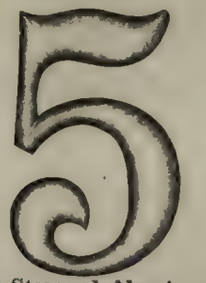
	Each
No. 13/N—3 in., Cast Iron, (Nos. 0 to 9)	$0.03
No. 22/N—2 in., Cast Brass, (Nos. 0 to 9)	.09
No. 23/N—3 in., Cast Brass, (Nos. 0 to 9)	.12

Weight Per 100 About 12 Pounds.
Open Stock.



Oval, Nickel Plated.

	Each
No. 32/N—2 in., Cast Brass, (Nos. 0 to 9)	$0.12
No. 33/N—3 in., Cast Brass, (Nos. 0 to 9)	.14



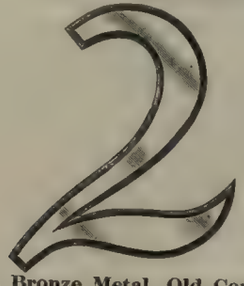
Plain, Heavy Stamped Aluminum, Polished.

	Per 100
No. 100—3 in., Plain, with Round Head Brads, (Nos. 0 to 9)	$4.50

Fancy, Heavy Stamped Aluminum, Polished.

	Per 100
No. 200—3 in., Fancy, with Round Head Brads, (Nos. 0 to 9)	$5.75

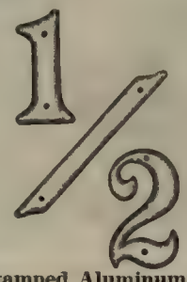
Weight Per 100 About 1½ Pounds.
100 Assorted in Attractive Display Box, Also Open Stock.



Artistic, Cast Bronze Metal, Old Copper Finish.

	Per 100
No. 500—3 in., with Screws, (Nos. 0 to 9)	$19.00

Weight Per 100 About 12 Pounds.
Open Stock.



Heavy Stamped Aluminum, Polished.

	Each
No. 600—Character "½," for 3 in. Numbers	$0.09

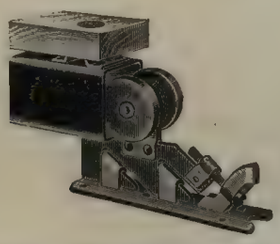
Weight Per 100 About 1½ Pounds.
Open Stock.

Escutcheon Pins.

	Per Pound
Escutcheon Pins—½ in. No. 16 Nickel Plated Brass, for House Numbers	$1.45

Sliding Parlor Door Hangers.

TROLLEY



Steel Frame, Ball Bearing, Fibre Wheels.

For Single Doors.

Nos.	1914	1914½	1915	1915½	1916
Size Opening, Feet...	4	4½	5	5½	6
Per Set	$3.70	4.00	4.25	4.80	5.00

Weight Per Set, without Track, About 5 Pounds.

For Double Doors.

Nos.	1925	1925½	1926
Size Opening, Feet	5	5½	6
Per Set	$6.35	6.35	6.35

Weight Per Set, without Track, About 10 Pounds.

Steel Frame, Ball Bearing Four-Wheel Truck, Hard Maple Runway.

For Single Doors.

Nos.	12214	12214½	12215	12215½	12216
Size Opening, Feet..	4	4½	5	5½	6
Per Set	$4.80	5.00	5.30	5.80	6.10

Weight Per Set, without Track, About 5 Pounds.

For Double Doors.

Nos.	12225	12225½	12226
Size Opening, Feet	5	5½	6
Per Set	$8.50	8.50	8.50

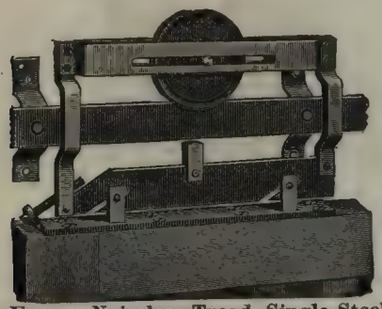
Weight Per Set, without Track, About 10 Pounds.

A Double Set consists of 4 Hangers Complete, 1 Center Stop, 2 Floor Guides, Screws for Track and Hangers, 2 Pieces of Trolley Track with Wood Headers and Adjusting Screws.

A Single Set consists of 2 Hangers Complete, 1 Floor Guide, Screws for Track and Hangers, 1 Piece of Trolley Track with Wood Header and Adjusting Screws.

Hangers One Set in a Box, with Screws; Track Attached to Header, Separate.

LANE'S STANDARD



Steel Frame, Noiseless Tread, Single Steel Track.

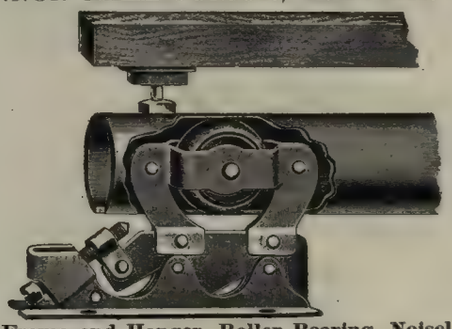
Per Set

No. 025—Full Set, for Double Doors, with 14 ft. Steel Track, Gravity Stops, Striking Plates, Floor Guides and All Screws, Weight Per Set About 20 Lbs. $6.75

No. 024—Half Set, for Single Doors, with 8 ft. Steel Track, Floor Guide and All Screws, Weight Per Set About 10 Lbs. 3.35

One Set in a Box, with Screws.

CANNON BALL JUNIOR, TUBULAR TRACK



Steel Frame and Hanger, Roller Bearing, Noiseless, Special Leather Wheels.

For Single Doors.

Nos.	C14	C14½	C15	C15½	C16
Size Opening, Inches.	4	4½	5	5½	6
Per Set	$3.50	3.75	4.00	4.50	4.75

Weight Per Set About 4 Pounds.

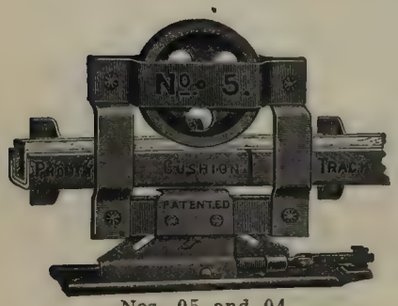
For Double Doors.

Nos.	C24	C25	C25½	C36
Size Opening, Inches.....	4	5	5½	6
Per Set	$6.00	6.00	6.00	6.00

Weight Per Set About 8 Pounds.

One Set in a Box, with Screws and Floor Guides.

PROUTY, CUSHION TRACK



Nos. 05 and 04.

Steel Frame, Special Noiseless Bearings, Cushion Track.

Per Set

No. 05—Full Set, for Double Doors, with 14 ft. of Track, Weight Per Set About 30 Lbs. $6.30

No. 04—Half Set, for Single Doors, with 8 ft. of Track, Weight Per Set About 15 Lbs. 3.25

EXTRA TRACK.

Extra Track—For No. 05 Full Set $1.70

Extra Track—For No. 04 Half Set 1.25

A Full Set consists of 4 Hangers, 2 Floor Guides, 1 Overhead Stop, Screws for Track and Hangers and 14 ft. of Track.

A Half Set consists of 2 Hangers, 1 Floor Guide, Screws for Track and Hangers and 8 ft. of Track.

The "Cushion Track" Parlor Door Hanger is fitted with special noiseless bearings, the tread being turned true to fit track. The shaft is hardened and sound deadening felt compression washers prevent wheel from rattle or side play. The track is especially constructed for this Hanger only. The hard maple rail is thoroughly kiln dried and mounted in a felt cushion supported by metal case. Sound vibrations are thus entirely checked, and the action of the hanger is absolutely noiseless, which is not the case when a wooden rail is used without the cushion. The floor guides are special rubber tired roller guides, making an exceptionally fine hanger combination.

Hangers, One Set in a Box; Track, One Set in a Bundle, with Screws.

Sliding Shutter Sheaves.

Iron Case.

	Per Dozen
No. 112—$\frac{9}{16}$ in. Face, 1¼ in. Brass Wheel	$2.70

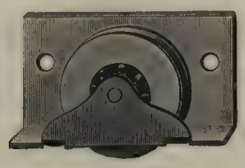
Weight Per Set About ½ Pound.
Six Sets in a Box, without Screws.

Cast Iron, Japanned Case.

	Per Set of 4
No. 120—1¾ in. Iron Wheel	$0.60

Weight Per Set About 1 Pound.
Three Sets in a Package, without Screws.

Sliding Shutter Sheaves.

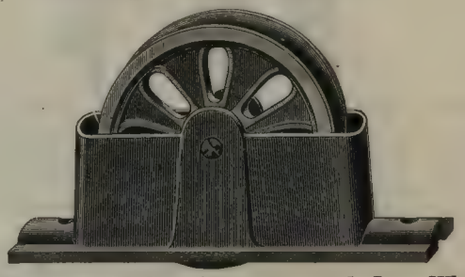


Wrought Steel Case, Ball Bearing.

	Per Dozen
No. 152—1$\frac{5}{16}$x2⅜ in. Case, ½ in. Face, 1⅜ in. Steel Wheel	$2.40

Weight Per Dozen 6 Pounds.
Two Dozen in a Box, without Screws.

Sliding Door Sheaves.

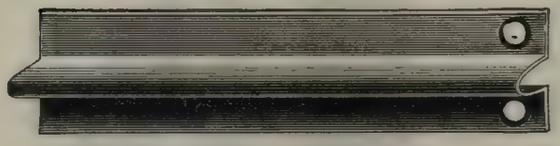


No. 020—Round Edge Case, Japanned, Iron Wheel.

Size of Wheel, Inches	3	4	5
Weight Per Set, Lbs	2½	4	7
Per Set of 4	$0.85	1.10	1.80

One Set in a Box, without Screws.

Sliding Door Rail.



Wrought Brass, Polished.

	Per Foot
No. 2—¾ in. Wide, in 3, 4, 5, 6 and 10 ft. Lengths, for Shutter Sheaves	$0.10

Wrought Steel, Brass Plated.

	Per Foot
No. 9—1⅛ in. Wide, in 2 and 4 ft. Lengths, for No. 020 Sliding Door Sheaves	$0.09

Weight Per 100 Feet About 15 Pounds.
Open Stock.

Cast Brass, Polished.

	Per Foot
No. 197—¼ in. Wide, Half Round, in 3, 4, 5 and 6 ft. Lengths, for Nos. 120 and 152 Shutter Sheaves	$0.07

Weight Per 100 Feet About 10 Pounds.
Open Stock.

Show Case Door Sheaves.

All Steel, Ball Bearing.

	Per Dozen
No. 20—For Doors Weighing up to 150 Lbs	$3.80
No. 21—For Doors Weighing up to 50 Lbs	1.70

Weight Per Dozen About 1¼ Pounds.
No. 20, Two Dozen; No. 21, Three Dozen in a Box.

All Steel, Ball Bearing.

	Per Dozen
No. 18—For Doors Weighing up to 25 Lbs	$1.35

Weight Per Dozen About 1¼ Pounds.
Six Dozen in a Box.

Steel Track for Show Case Door Sheaves.

Flat, Plain Steel.

	Per Foot
No. 24—⅛ x ⅝ in., for No. 20 Sheave	$0.03½
No. 25—$\frac{1}{16}$ x ½ in., for Nos. 21 and 18 Sheaves	.03

Weight Per 100 Feet About 11 Pounds.
Open Stock.

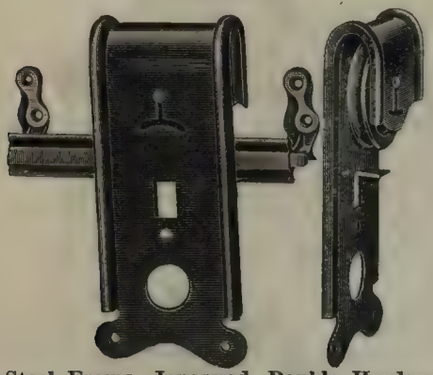
T, Plain Steel.

	Per Foot
No. 26—¾ in., for No. 20 Sheave	$0.06
No. 27—⅝ in., for No. 21 Sheave	.06

Weight Per 100 Feet About 14 Pounds.
Open Stock.

Barn Door Hangers.

PROUTY



Covered Steel Frame, Japanned, Double Hardened Steel Roller Bearings. Per Dozen Pairs

No. 7—5¼ in. Wide and 11 in. High, One Piece Frame, 3½ in. Diameter, Cast Iron Wheel.....**$12.00**

This Hanger has a Safety Guard stamped from Frame, which, with the Drop Wheel, absolutely prevents it from jumping the track.

For Track See No. 0, Page 962.
Weight Per Dozen Pairs About 60 Pounds.
One Dozen Pairs in a Crate.

TANDEM, HINGE JOINT

Malleable Iron Frame, Steel Hasp, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 40—2½ in. Wheels, Aluminum Bronzed Housing, Japanned Hasp, Red Enameled Wheels.....**$14.25**

Constructed with Guard which prevents the Hanger from jumping the track.

For Track, See Nos. 4 and 04, Page 962.
Weight Per Dozen Pairs 108 Pounds.
One Pair in a Box, with Bolts; One-half Dozen Pairs in a Case.

AJAX

Covered Steel Frame, Japanned, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 15—3½ in. Wheel **$12.25**

Constructed with Guard which prevents the Hanger from jumping the track.

For Track, See Nos. 4 and 04, Page 962.
Weight Per Dozen Pairs 85 Pounds.
One Dozen Pairs in a Crate.

NANSEN

Covered Steel Frame, Japanned, Steel Roller Bearings.

Nos.	3	4	5
Diameter of Wheel, Inches...	3	4	5
Weight Per Dozen Pairs, Lbs.	75	100	150
Per Dozen Pairs.....	**$10.00**	**12.00**	**16.00**

The Wheel has a deep turned groove to prevent jumping the track.

For Track See No. 0, Page 962.
One Dozen Pairs in a Crate.

KING'S CHARM

Covered Steel Frame, Japanned, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 10—3½ in. Wheel **$12.25**

Constructed with a Guard that runs under the Rail, making it impossible for the Hanger to be thrown off the track. The manner in which the Guard is attached reinforces the Neck of the Hanger and is double strength at a point where most needed.

For Track, See Nos. 4 and 04, Page 962.
Weight Per Dozen Pairs 80 Pounds.
One Dozen Pairs in a Case.

WILD WEST

Steel Frame, Japanned, Self-Locking Loose Axle.

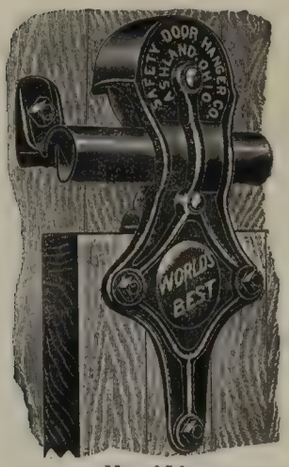
Nos.	50	60	70
Diameter of Wheel, Inches...	5	6	7
Carries Doors, Feet.....	11	14	18
Wt. Per Dozen Pairs, Lbs....	168	336	456
Per Dozen Pairs.....	**$25.20**	**64.80**	**86.40**

Especially Adapted to Very Large and Heavy Doors.

For Track for No. 50, See No. 0; Track for No. 60, See No. 00; Track for No. 70, See No. G, Page 962.

No. 50, One Dozen Pairs; Nos. 60 and 70, One-half Dozen Pairs in a Crate.

Barn Door Hangers.



No. 050.

WORLD'S BEST

Malleable Iron Frame, Aluminum Bronzed, Heavily Ribbed, Anti-Friction, Steel Roller Bearings.

Per Dozen Pairs

No. 050—2½ in. Special Hard Grey Cast Iron Wheel, for Round Track **$22.00**

This Hanger has a Supplementary Wheel, which prevents it from jumping the track.

For Track, See No. 10, Page 963.
Weight Per Dozen Pairs About 96 Pounds.
One Pair in a Box, with Bolts, and Two End Stops for Track;
One-half Dozen Pairs in a Box.

WILBERN, ROUND TRACK

Malleable Iron Frame, Japanned, Roller Bearings.

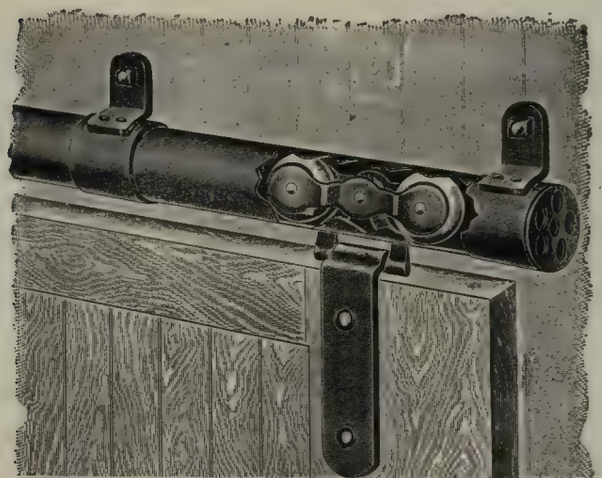
Per Dozen Pairs

No. 5W—3 in. Wheel, Vertical and Lateral Adjustments, with Back Stop **$22.00**

For Track, See No. 5R, Page 963.
Weight Per Dozen Pairs 105 Pounds.
One Pair in a Box; One Dozen Pairs in a Case.

No. 5W Hanger.

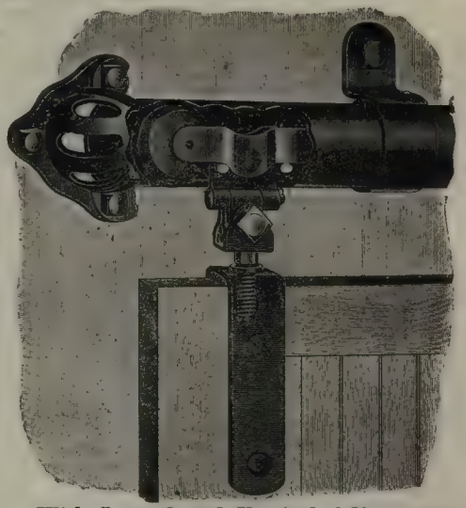
CANNON BALL



Steel Frame and Pendant, Aluminum Finish, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 45—2¼ in. Wheel, for Tubular Track **$24.50**

For Track, See No. 15, Page 963.
Weight Per Dozen Pairs 125 Pounds.
One-half Dozen Pairs in a Box.

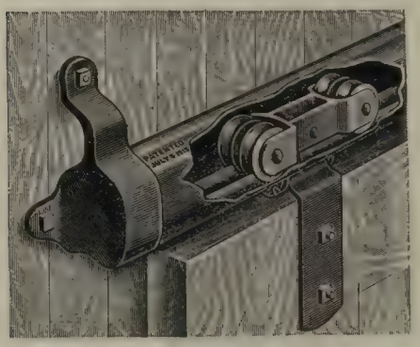


With Lateral and Vertical Adjustments.
Steel Frame and Pendant, Aluminum Finish, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 507—2¼ in. Wheels, for Tubular Track **$27.00**

For Track, See No. 15, Page 963.
Weight Per Dozen Pairs About 85 Pounds.
One Pair in a Box, with Bolts; Six Pairs in a Case.

RED RIB TANDEM



Malleable Iron Frame, Steel Pendant, Hinge Joint, Roller Bearings.

Per Dozen Pairs

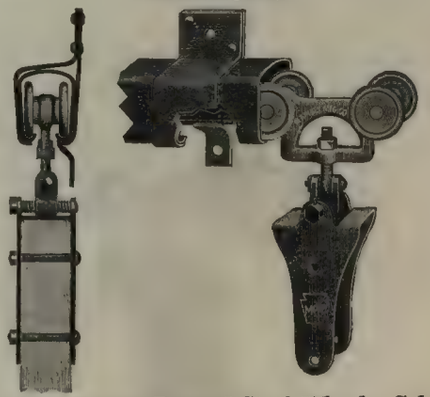
No. 48—1¾ in. Grey Iron Wheels, for Tubular Track, Complete with Bolts and Stop Bracket **$27.00**

For Track, See No. 12, Page 963.

Weight Per Dozen Pairs 93 Pounds.

One-half Dozen Pairs in a Box.

KEYSTONE



Malleable Iron Frame, Pressed Steel Wheels, Cold Rolled Steel Axles, Roller Bearings.

Per Dozen Pairs

No. 75—Wrought Steel Double Apron Pattern Pendants, Adjusted for 1¾ in. Doors, Electro Galvanized Carriages, Balance of Parts Japanned, Threaded Lateral and Vertical Adjustment **$27.00**

A Set consists of 1 Pair Hangers, 2 End Brackets for Track, 1 Center Bracket for Track, 6 Lag Screws and 1 Wrought Steel Wrench.

For Track, See No. 07, Page 963.
Weight Per Dozen Sets About 100 Pounds.
One Set in a Carton, Twelve Sets in a Case.

Barn Door Hangers.

WILBERN ADJUSTABLE

Heavy Malleable Iron Frame, Japanned, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 2—5 in. Wheel, Vertical and Lateral Adjustments **$17.00**

This Hanger is suitable for ordinary Freight House and Factory Doors.

For Track, See No. 0, Page 962.

Weight Per Dozen Pairs About 192 Pounds.

Open Stock.

Extra Heavy Malleable Iron Frame, Japanned, Hardened Steel Roller Bearings. Per Dozen Pairs

No. 02—Special, 5 in. Wheel, Vertical and Lateral Adjustments **$72.00**

This Hanger is suitable for unusually large and heavy Freight House and Factory Doors.

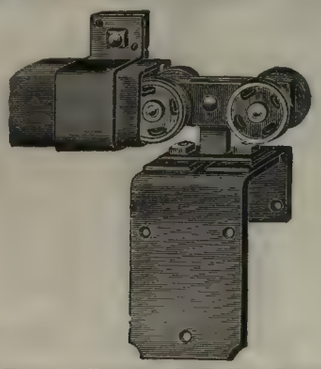
For Track, See No. 2S, Page 962.

Weight Per Dozen Pairs About 300 Pounds.

Open Stock.

The Adjustments permit the Doors to be kept in easy running order at all times. Machine Turned Grooves in Wheels with tapering sides, to prevent binding on the Track.

TROLLEY

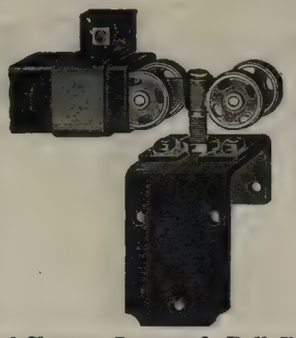


Steel Frame, Japanned, Roller Bearings. Per Dozen Pairs

No. 20—Apron 6 in. Long, 3½ in. Wide, ⅛ in. Thick, Lateral Adjustment, Suitable for Doors 1¾ to 2½ in. Thick, Weighing Approximately 300 Lbs. **$31.25**

For Track, See No. 31, Page 963.

Weight Per Dozen Pairs About 120 Pounds.



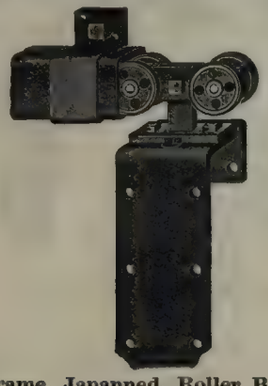
Steel Frame, Japanned, Ball Bearings. Per Dozen Pairs

No. 20½B—Forged Steel Yoke, Apron 6 in. Long, 3½ in. Wide, ⅛ in. Thick, Vertical and Lateral Adjustment, Suitable for 1¾ to 2½ in. Doors, Weighing Approximately 300 Lbs. **$36.00**

Weight Per Dozen Pairs About 120 Pounds.

A Pair of Hangers consists of 2 Hangers and Carriers, 1 Center and 2 End Brackets, Lag Bolts for Brackets and Carriage Bolts for Hangers.

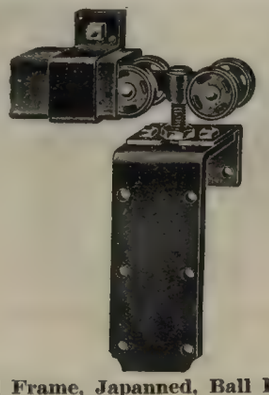
One Dozen Pairs in a Box.



Steel Frame, Japanned, Roller Bearings. Per Dozen Pairs

No. 27—Apron 9 in. Long, 4 in. Wide, ⅛ in. Thick, Lateral Adjustment, Suitable for Doors 2¼ to 2¾ in. Thick, Weighing Approximately 400 Lbs. **$36.00**

Weight Per Dozen Pairs About 168 Pounds.



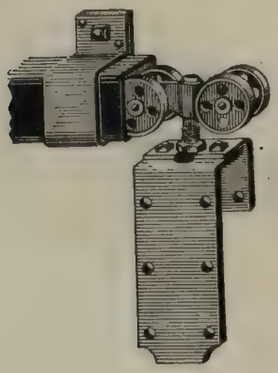
Steel Frame, Japanned, Ball Bearings. Per Dozen Pairs

No. 27½B—Forged Steel Yoke, Apron 9 in. Long, 4 in. Wide, ⅛ in. Thick, Vertical and Lateral Adjustment, Suitable for Doors 2¼ to 2¾ in. Thick, Weighing Approximately 400 Lbs. **$49.50**

Weight Per Dozen Pairs About 168 Pounds.

For Track, See No. 31, Page 963.

Barn Door Hangers.



No. 29½ B.

TROLLEY

Steel Frame, Japanned, Ball Bearings.

Per Dozen Pairs

No. 29½ B—Forged Steel Yoke, Vertical and Lateral Adjustment, Suitable for Doors 2¼ to 3 in. Thick, Weighing Approximately 600 Lbs. **$63.00**

For Track, See No. 232, Page 963.

Weight Per Dozen Pairs 180 Pounds.

A Pair of Hangers consists of 2 Hangers and Carriers. Bolts and Lag Screws not furnished with the No. 29½ B.

Ten Pairs in a Crate.

Fire Door Hangers.

WILBERN

Malleable Iron Frame, Japanned Roller Bearings, Malleable Iron Wheel, Adjustable.

Per Pair

No. 4A—5 in. Wheel **$8.50**

The No. 4A Hanger is Regularly Inspected and Labeled Under the Supervision of Underwriters' Laboratories (Inc.).

Weight Per Pair 40 Pounds.

Per Foot

Track—3½ x ⅜ in., for No. 4A Hanger **$0.45**

Steel Frame, Japanned, Roller Bearings, Malleable Iron Wheel, Adjustable.

Per Pair

No. 6—7 in. Wheel, Machine Turned Groove, 3½ x ⅜ in. Steel Frame **$8.50**

Approved by Factory Mutual Insurance Co.'s Laboratory.

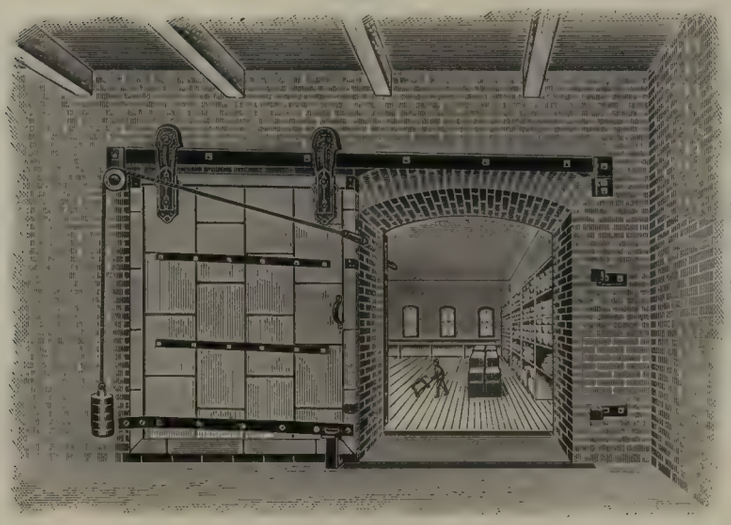
Weight Per Pair 35 Pounds.

Per Foot

Track—3½ x ⅜ in., for No. 6 Hanger **$0.45**

Fire Door Fixtures.

WILBERN



Per Set

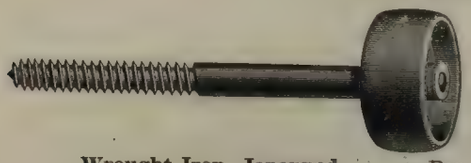
No. 20A—Wilbern's Fire Door Fixtures, Complete with Bolts and Screws ..... $.....

In ordering Fire Door Fixtures and Hangers, **Specify Size of Opening, (Height, Width), and Thickness of Walls.**

Prices Quoted on Application.

Cut Shows No. 4A Hanger with No. 20A Fixtures (Eastern Style).

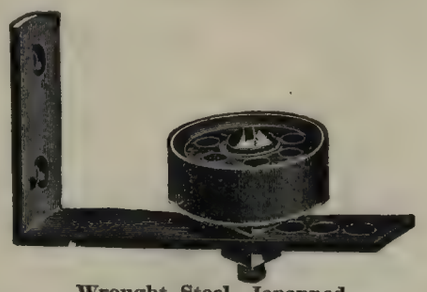
Barn Door Stay Rollers.



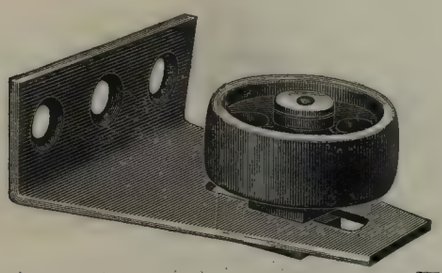
Wrought Iron, Japanned. Per Dozen
No. 01—To Screw, for Inside Doors.....$1.25
Weight Per Dozen About 7 Pounds.
Open Stock.

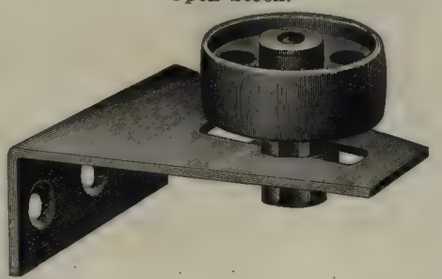
Wrought Iron, Japanned. Per Dozen
No. 1—To Screw, for Outside Doors.....$1.25
Weight Per Dozen About 8 Pounds.
Open Stock.

Steel Frame, Malleable Iron Wheel, Japanned. Per Dozen
No. 4—Adjustable, for Inside or Outside Doors.....$1.70
Weight Per Dozen About 11 Pounds.
Open Stock.



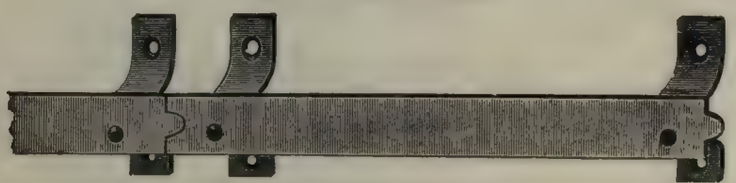
Wrought Steel, Japanned. Per Dozen
No. 6—O. K., Adjustable, for Inside or Outside Doors 1½ to 3 in. Thick.....$1.90
Weight Per Dozen About 10 Pounds.
Open Stock.





Wrought Steel, Japanned. Per Dozen
No. 7—Adjustable and Reversible, for Inside or Outside Doors from 1½ to 2½ in. Thick.....$1.70
Weight Per Dozen About 12 Pounds.
Open Stock.

Barn Door Rail.



Wrought Steel, Japanned. Per Foot
No. 0—1½x⅛ in., with Brackets, in 4, 6, 8 and 10 ft. Lengths, Suitable for Nansen, Prouty, No. 2 Wilbern, No. 50 Wild West and Other Hangers, Weight Per 100 Feet About 100 Lbs.....$0.11
No. 00—1½x⅛ in., with Brackets, in 4, 6, 8 and 10 ft. Lengths, Suitable for No. 60 Wild West Hangers, Weight Per 100 Feet About 110 Lbs..... .18
No. 5—1x⅛ in., with Brackets, in 4, 6, 8 and 10 ft. Lengths, Weight Per 100 Feet About 75 Lbs..... .09
Open Stock.

Wrought Steel, Japanned. Per Foot
No. 4—1¼x⅛ in., with Special Steel Brackets, in 4, 6, 8 and 10 ft. Lengths, Suitable for No. 10 King's Charm, No. 15 Ajax and No. 40 Tandem Hangers, Weight Per 100 Feet About 100 Lbs.....$0.09
No. 04—1¼x⅛ in., with Malleable Iron Brackets, in 4, 6, 8 and 10 ft. Lengths, Suitable for No. 10 King's Charm, No. 15 Ajax and No. 40 Tandem Hangers, Weight Per 100 Feet About 100 Lbs. .09
Open Stock.

Wrought Steel, Japanned. Per Foot
No. G—2x⅜ in., in 6, 8 and 10 ft. Lengths, Suitable for No. 70 Wild West Hangers, Weight Per 100 Feet About 200 Lbs.....$0.25
No. 2-S—Special, 2½x⅛ in., with Cast Brackets and Patented Joint Bracket, in 6, 8 and 10 ft. Lengths, Suitable for No. 02 Special Wilbern Hangers, Weight Per 100 Feet About 250 Lbs. .38
The above without Brackets. Rail is countersunk for fastening with screws.
Open Stock.

Barn Door Rail.

TROLLEY

Wrought Steel.

Per Foot

No. 31—Trolley, for Nos. 20, 20½B, 27, 27½B Trolley B. D. Hangers, 6, 8 and 10 ft. Lengths, (Each Pair of Hangers is Packed with 2 End and 1 Center Bracket, Suitable for Single Doors up to 4 ft. Wide), Weight Per 100 Feet About 130 Lbs. **$0.22**

Each

Extra Brackets—For No. 31 Barn Door Rail **$0.19**

Per Foot

No. 232—Trolley, for No. 29½B Trolley B. D. Hangers, in 6, 8 and 10 ft. Lengths, Weight Per 100 Feet About 270 Lbs. **$0.45**

Each

Extra Brackets—For No. 232 Barn Door Rail **$0.45**

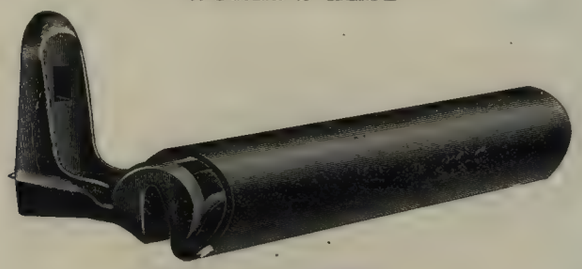
Per Foot

No. 07—Trolley, for No. 75 Keystone Barn Door Hangers, Storm and Bird Proof, in 6, 8 and 10 ft. Lengths, Weight Per 100 Feet About 140 Lbs. **$0.23**

Each

No. 17—Extra Brackets, for No. 07 Keystone Trolley Track **$0.20**

WORLD'S BEST



Wrought Steel, Tubular.

Per Foot

No. 10—1¼ in. Round Steel, with Heavy Malleable Brackets, in 4, 6, 8 and 10 ft. Lengths, Complete with Brackets, 2 End Brackets Packed with Each Pair of Hangers, for No. 050 World's Best Barn Door Hangers, Weight Per 100 Feet About 94 Lbs. **$0.16**

Each

Extra Brackets—For No. 10 Barn Door Rail **$0.11**

Brackets are required as follows: For each 2 Lengths of 4 ft. Track, 3 Brackets; 2 Lengths 6 ft., 5 Brackets; 2 Lengths 8 ft., 7 Brackets; 2 Lengths 10 ft., 9 Brackets.

WILBERN

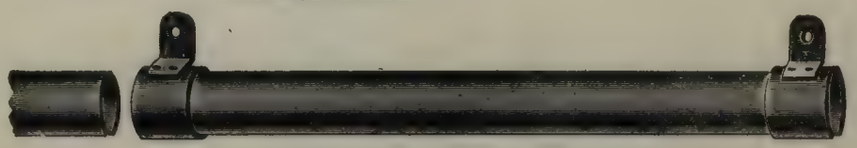
Wrought Steel, Tubular.

Per Foot

No. 5R—1 5/16 in. Round Steel, with Brackets Fastened to Rail, 2, 6, 8 and 10 ft. Sections, for No. 5W Wilbern Barn Door Hangers, Weight Per 100 Feet About 90 Lbs. **$0.16**

2 ft. Lengths, 100 ft. in a Crate; 6, 8 and 10 ft. Lengths, 4 Pieces to a Bundle.

CANNON BALL



Steel, Tubular.

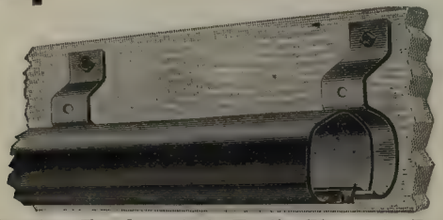
Per Foot

No. 15—2¼ in. Diameter, Inside Measurement, 3 ft. Lengths, 14 Gauge Steel, Specially Formed and Slotted ¼ in. on the Under Side to Take Hanger Frame, without Brackets, for Cannon Ball Barn Door Hangers, Weight Per 100 Feet About 100 Lbs. **$0.23**

Per Dozen

No. 16—Combination Track Splice and Bracket, 2½ in., 12 Gauge Steel Splice, 1½x¼ in. Steel Bracket **$1.70**

RED RIB



Cut Showing Track as it is Easily Placed in Bracket.

Cut Showing Bracket and Track Complete.

Steel Tubular.

Per Foot

No. 12—2½ in. Diameter, Inside Measurement, 6, 8 and 10 ft. Lengths, Specially Formed and Slotted on the Under Side to Take Hanger Frame, without Brackets, for No. 48 Red Rib Tandem Barn Door Hangers, Weight Per 100 Feet About 25 Lbs. **$0.23**

Per Dozen

No. 13—Extra Brackets, Two Piece, Adjustable, for No. 12 Rail **$1.70**

All Above, Open Stock.

Joist Hangers.

Discount on Application.

COLUMBIAN

Single.

Double.

Wrought Steel, Single.

Size of Joist, Inches.	Length of Arms, Inches.	Size of Stock, Inches.	Safe Strength in Lbs. Each Hanger.	Weight Each, Lbs.	Each.
2 x 6	2	2 x 1/8	5,000	1 1/2	$0.20
2 x 8	2	2 x 1/8	5,000	2	.24
2 x10	2	2 x 3/16	7,500	3	.27
2 x12	2	2 x 3/16	7,500	3 1/2	.29
2 x14	2	2 1/4 x 3/16	8,440	4 1/2	.35
2 x16	2	2 1/2 x 3/16	9,380	5 1/2	.39
2 1/2 x 6	2	2 1/4 x 3/16	8,440	2 1/2	.29
2 1/2 x 8	2	2 1/4 x 3/16	8,440	3	.33
2 1/2 x10	2	2 1/4 x 3/16	8,440	3 1/2	.34
2 1/2 x12	2	2 1/4 x 3/16	8,440	3 3/4	.35
2 1/2 x14	2	2 1/2 x 3/16	9,380	4 3/4	.40
2 1/2 x16	2	2 1/2 x 3/16	9,380	5 1/2	.43
3 x 6	2	2 1/4 x 3/16	8,440	2 1/2	.30
3 x 8	2	2 1/4 x 3/16	8,440	3	.33
3 x10	2	2 1/4 x 3/16	8,440	3 1/2	.35
3 x12	2	2 1/4 x 3/16	8,440	4	.36
3 x14	2	2 1/2 x 3/16	9,380	5	.41
3 x16	2	2 1/2 x 3/16	9,380	5 1/2	.44
4 x 6	2	2 1/2 x 3/16	9,380	3	.35
4 x 8	2	2 1/2 x 3/16	9,380	3 1/2	.36
4 x10	2	2 1/2 x 3/16	9,380	4	.40
4 x12	2	2 1/2 x 1/4	12,500	6	.48
4 x14	2	2 1/2 x 1/4	12,500	6 3/4	.51
4 x16	2	2 1/2 x 1/4	12,500	7 1/2	.54

Note—Double Hangers About 2 1/2 Times the List of Single.

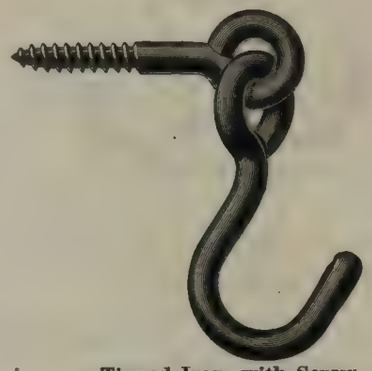
Not Carried in Stock, Shipped from Factory.

Hammock Hooks.

Cuts One-half Size

Tinned Iron, with Plate.

	Per Dozen
No. 118—5/16 in. Wrought Hook	**$0.80**



Tinned Iron, with Screw.

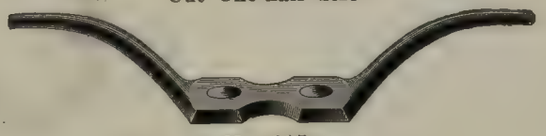
	Per Dozen
No. 128—5/16 in. Wrought Hook	**$0.70**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Line Cleats.

Cut One-half Size



No. 115.

Malleable Iron, Galvanized.

Nos.	114	115	116
Length, Inches	4 1/2	6	8
Weight Per Dozen, About, Lbs.	1 1/2	2	3
Per Dozen	**$0.45**	**.70**	**1.15**

Two Dozen in a Box.

Eye Bolts.

No. 100—Wrought Steel, Plain.

Size of Rod, Inches	1/4	5/16	3/8	1/2
Length (Including Eye), In.	3 3/4	4	4 1/2	5 3/4
Length (Excluding Eye), In.	2 3/8	2 7/16	2 3/4	3 1/2
Size Inside of Eye, Inches	3/4	3/4	7/8	1 1/8
Wt. Per Dozen, About, Lbs.	1	1 1/2	2 1/2	5 1/2
Per Dozen	**$0.60**	**.80**	**.98**	**1.70**

One Dozen in a Box.

No. 81—Wrought Steel, Plain, with Nut.

Size of Rod, Inches	3/8	3/8
Length (Including Eye), Inches	4	5
Length (Excluding Eye), Inches	2 1/8	2 7/8
Size Inside of Eye, Inches	7/8	7/8
Weight Per Dozen, About, Lbs.	3	3 1/2
Per Dozen	**$1.70**	**1.90**

One Dozen in a Box.

Screw Hooks.

No. 120—Wrought Steel, Plain.

Size of Rod, Inches	1/4	5/16	3/8	1/2
Length Over All, Inches	4 1/4	4 1/2	4 7/8	6
Length of Bend of Hook, In.	2 3/8	2 3/8	2 3/4	3 3/4
Wt. Per Dozen, About, Lbs.	1	1 1/2	2 1/4	5 1/4
Per Dozen	**$0.55**	**.60**	**.70**	**1.20**

One Dozen in a Box.

No. 101—Wrought Steel, Plain, with Nut.

Size of Rod, Inches	1/2	1/2	1/2
Length (Including Eye), Inches	5	6	8
Length (Excluding Eye), Inches	2 7/8	4	6
Size Inside of Eye, Inches	1 1/8	1 1/8	1 1/8
Weight Per Dozen, About, Lbs.	3	3 1/2	4 1/2
Per Dozen	**$2.20**	**2.40**	**2.75**

One-half Dozen in a Box.

Ceiling Hooks.

Cuts One-half Size

Steel Wire, Gimlet Pointed Screw.

	Per Gross
No. 4—Coppered	$1.90

Weight Per Gross About 8½ Pounds.

One-half Gross in a Box.

Cast Iron, Cast Iron Screw.

	Per Gross
No. 35—Japanned	$1.70

Weight Per Gross About 11 Pounds.

One-half Gross in a Box.

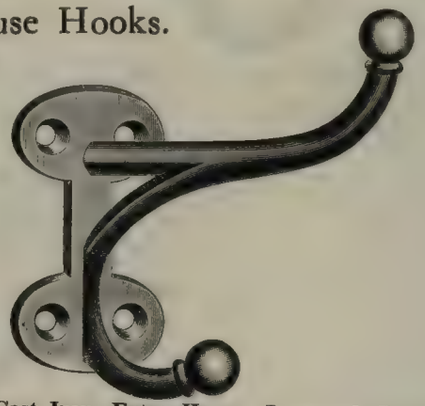
Hotel or School House Hooks.

Cuts One-half Size

Cast Iron, Japanned, Double Hook.

No.	89
Projection, Inches	3
Weight Per Gross, Lbs.	30
Per Gross	$4.50

One-quarter Gross in a Box.



Cast Iron, Extra Heavy, Japanned, Double Hook.

No.	95
Projection, Inches	3⅞
Weight Per Gross, Lbs.	57
Per Gross	$12.25

One-quarter Gross in a Box.

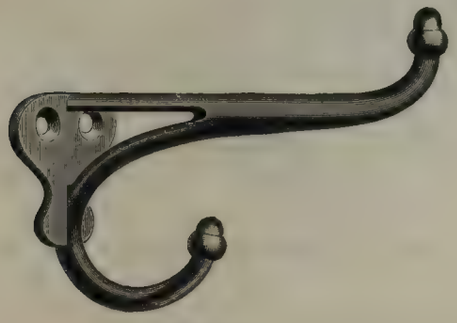
No. 93.

Cast Iron, Japanned, Triple Hook.

No.	93
Projection, Inches	2⅞
Weight Per Gross, Lbs.	42
Per Gross	$6.75

One-sixth Gross in a Box.

Coat and Hat Hooks.



Cast Iron.

Projection 3⅛ in.

	Per Gross
No. 75—Japanned	$2.25
No. 175—Copper Bronzed	2.25

Weight Per Gross About 15 Pounds.

One-half Gross in a Box.

Cast Iron, Heavy.

Projection 2½ in.

	Per Gross
No. 20—Japanned	$3.20
No. 120—Copper Bronzed	3.20

Weight Per Gross About 19 Pounds.

One-quarter Gross in a Box.

Coat and Hat Hooks.

Cuts One-half Size

One-half Size Cut No. 2812/L.

Wrought Steel.
Projection 2¾ in.

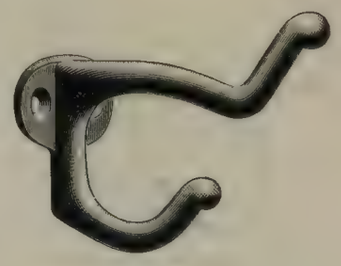
	Per Gross
No. 2411/L —Light Natural Finish	$12.25
No. 2411/OC—Old Copper Finish	14.50

Weight Per Gross About 13 Pounds.
One-quarter Gross in a Box, with Screws.

Wrought Bronze.
Projection 3½ in.

	Per Gross
No. 2812/L—Light Natural Finish	$36.75

Weight Per Gross About 24 Pounds.
One-twelfth Gross in a Box, with Screws.



Cast Iron.

Projection 3 in.

	Per Gross
No. 6/J —Japanned, without Screws	$3.90
No. 6/EB—Dead Black Finish	6.70
No. 6/L —Bronze Plated, Light Natural Finish	8.50
No. 6/OC—Old Copper Finish	8.50
No. 6/DB—Dull Brass Finish	8.50
No. 6/N —Nickel Plated Finish	8.50

Weight Per Gross About 24 Pounds.
One-half Gross in a Box, with Screws.

Coat and Hat Hooks.

Cuts One-half Size

Cast Iron.

Projection 3¾ in.

	Per Dozen
No. 456/OC—Old Copper Finish	$2.80
No. 456/DB—Dull Brass Finish	2.80

Weight Per Dozen About 6 Pounds.
One Dozen in a Box, with Screws.

Hall Stand Hooks.

Cut One-half Size

Cast Iron.

Height 7½ in.

	Per Dozen
No. 31/OC—Old Copper Finish	$2.50
No. 31/DB—Dull Brass Finish	2.50

Weight Per Dozen About 12 Pounds.
One Dozen in a Box, with Screws.

Cast Iron.

Height 7 in.

	Per Dozen
No. 443/OC—Old Copper Finish	$3.35
No. 443/DB—Dull Brass Finish	3.35

Weight Per Dozen About 14 Pounds.
One-third Dozen in a Box, with Screws.

Coat and Hat Hooks.

Cuts One-half Size

Steel Wire, Gimlet Pointed Screw.

Projection 3 in.

	Per Gross
No. 913—Coppered	$1.45
No. 923—Japanned	1.60

Weight Per Gross About 9 Pounds.

One Gross in a Box.

Steel Wire, Gimlet Pointed Screw.

Projection 3 in.

	Per Gross
No. 1913—Coppered	$1 70
No. 1923—Japanned	1.80

Weight Per Gross About 9½ Pounds.

One-twelfth Gross in a Carton; 6 Cartons in a Box.

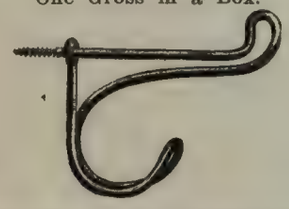
Steel Wire, Gimlet Pointed Screw.

Projection 2½ in.

	Per Gross
No. 60—Japanned	$0.95
No. 160—Coppered	.90

Weight Per Gross About 8 Pounds.

One Gross in a Box.



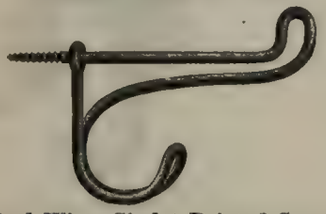
Steel Wire, Gimlet Pointed Screw.

Size 3 in.

	Per Gross
No. 70 —Japanned	$1.05
No. 170 —Coppered	.95
No. 470/N—Nickel Plated	1.80

Weight Per Gross About 9 Pounds.

One-half Gross in a Box.



Steel Wire, Gimlet Pointed Screw.

Size 3½ in.

	Per Gross
No. 80—Japanned	$1.30
No. 180—Coppered	1.20

Weight Per Gross About 10 Pounds.

One-half Gross in a Box.

Chandelier Hooks.

Cut One-half Size

4 in.

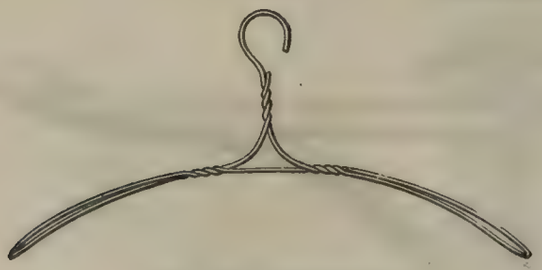
Steel Screw, Cast Iron Hook and Plate.

No. 450/E—Etruscan Bronzed.

Length of Screw, Inches.....	2½	4	6
Weight Per Dozen, About, Lbs.	3½	4	5
Per Dozen	$0.80	1.25	2.80

One Dozen in a Box.

Garment Hangers.



For Coats and Garments.

Per Dozen

No. 37—No. 10 Twisted Steel Wire, Retinned, Width 17¼ in. $0.80

Weight Per Dozen About 2 Pounds.

One Dozen in a Package.

Folding, for Use of Tourists.

Per Dozen

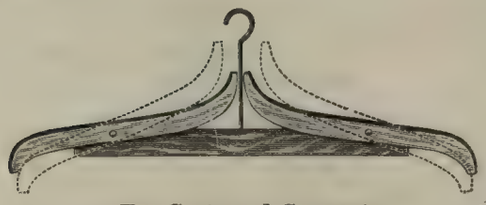
No. 6—With Offset, Heavy Steel Wire, Nickel Plated on Copper, Width 18 in. $1.90

Weight Per Dozen About 4 Pounds.

This Hanger occupies but little space when closed, and is very convenient to pack in a grip or trunk when traveling.

One Dozen in a Package.

PERFECTO



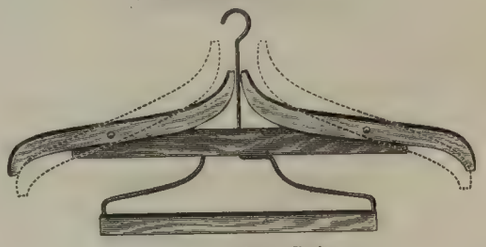
For Coats and Garments.

Per Dozen

No. 20—Hardwood Pivoted Arms, Natural Finish, Varnished, Width 18½ in. $4.00

Weight Per Dozen About 7 Pounds.

PERFECTO



For Complete Suits.

Per Dozen

No. 25—Hardwood Pivoted Arms, Hardwood Trouser Rack, Coppered Wire Vest Hanger, Width of Coat Hanger 18½ in., Width of Trouser Rack 13¼ in., Height Over All 11⅜ in. $4.75

Weight Per Dozen About 9½ Pounds.

The Perfecto Garment Hangers adjust themselves automatically to conform with any shape shoulder.

One Dozen in a Box.

Trouser and Skirt Hangers.

MULTIPLE

For Three Garments.

Per Dozen

No. 15—Finest Bessemer Steel Wire, Nickel Plated and Polished, Length 9 in. $2.80

Weight Per Dozen About 4½ Pounds.

This Hanger will hold three garments. When folded the garments slide into place, and can be put in or taken out without disturbing the garment already in the Hanger.

One Dozen in a Box.

UP-TO-DATE

For Single Garment.

Per Dozen

No. 1—Spring Steel, Black Enameled, with Hook, Length 11 in. $1.70

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

UP-TO-DATE COMBINATION

For Four Garments.

Per Dozen

No. 4—Spring Steel, Black Enameled, Four Arms, Length 14 in. $5.60

Weight Per Dozen About 18 Pounds.

Each garment easy of access without disturbing the others, easily put in or removed.

One-twelfth Dozen in a Box.

Harness Hooks.

No. 12—Cut One-third Size.

Cast Iron, Japanned.

Nos.	3	12	Extra Heavy 2	Extra Heavy 13
Projection, Inches	5½	8	6	12
Weight Per Dozen, Lbs.	5½	12	7	30
Per Dozen	$1.15	1.45	1.35	4.20

One Dozen in a Box.

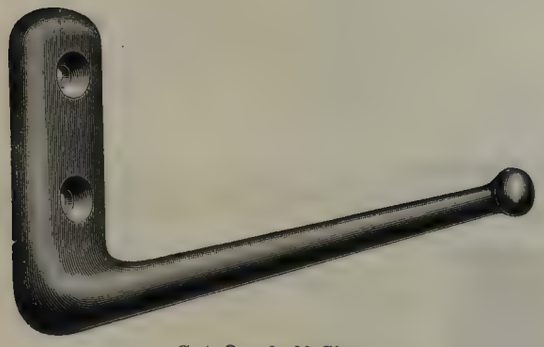
No. 15—Cut One-third Size.

Cast Iron, Japanned.

Nos.	15	Extra Heavy 5	Extra Heavy 6
Projection, Inches	8	8	10
Weight Per Dozen, Lbs.	8	10	12
Per Dozen	$1.35	1.35	1.55

One Dozen in a Box.

Baggage Hooks.



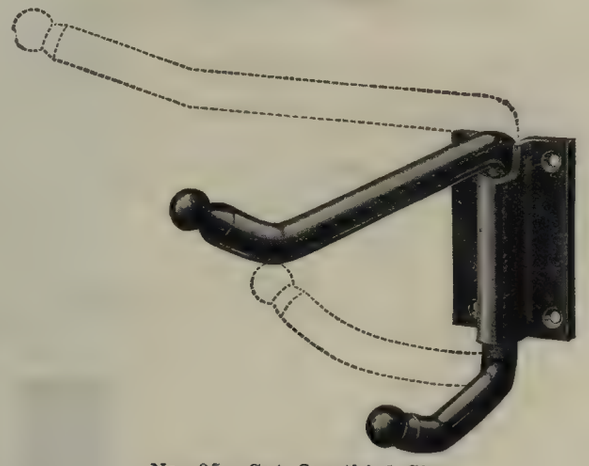
Cut One-half Size.

Cast Iron, Japanned.

No.	9
Projection, Inches	5½
Weight Per Dozen, Lbs.	6
Per Dozen	$0.90

Two Dozen in a Box.

Steel Hooks.



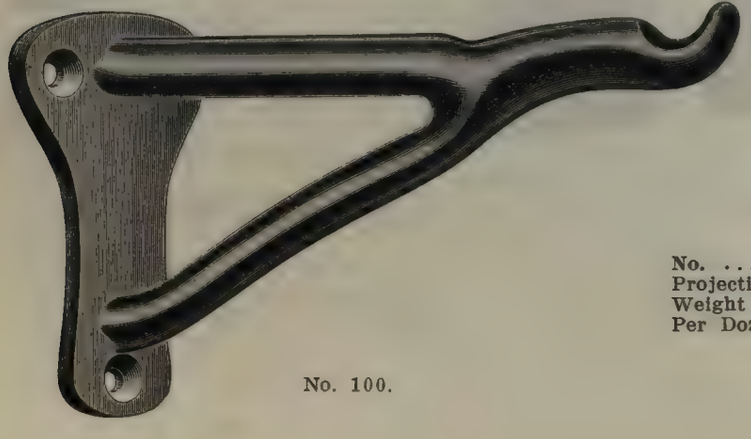
No. 25—Cut One-third Size.

Wrought Steel, Folding, Japanned.

Nos.	25	26	27
Projection, Inches	8	10	12
Weight Per Dozen, Lbs.	10	18	24
Per Dozen	$2.10	2.80	3.80

By raising the Hook it can be folded back against the wall out of the way.

One Dozen in a Box.



No. 100.

Fire Pail Hooks.

Cut One-half Size.

Cast Iron, Very Heavy, Japanned.

No.	100
Projection, Inches	7½
Weight Per Dozen, About, Lbs.	10
Per Dozen	$2.50

One Dozen in a Box.

Hand Rail Brackets.

Cast Iron.

Projection 3½ in., Size of Base 1½x3 in.

	Per Dozen
No. 215/E—Etruscan Bronzed	$1.70

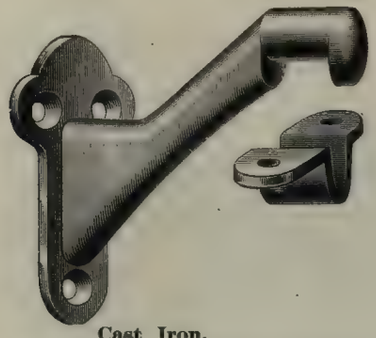
Weight Per Dozen About 6¾ Pounds.
One-half Dozen in a Box, with Screws.

Cast Iron.

Projection 3 in., Size of Base 1½x4 in.

	Per Dozen
No. 210/E—Etruscan Bronzed	$2.80

Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box, with Screws.

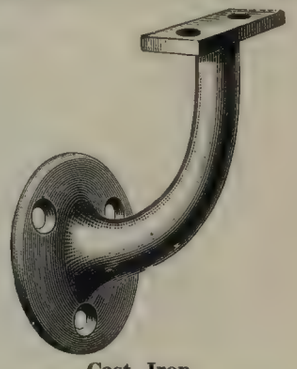


Cast Iron.

Projection 3½ in., Size of Base 1½x3¼ in.

	Per Dozen
No. 420/L —Bronze Plated, Light Natural Finish	$2.70
No. 420/OC—Old Copper Finish	2.70
No. 420/DB—Dull Brass Finish	2.70

Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box, with Screws.

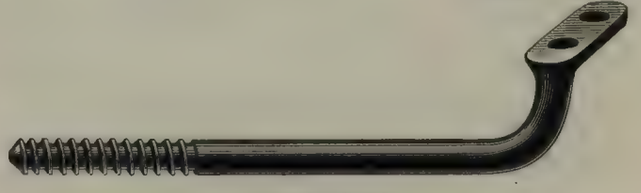


Cast Iron.

Projection 3 in., 2¼ in. Diameter Base.

	Per Dozen
No. 17/E —Etruscan Bronzed	$1.90
No. 17/OC—Old Copper Finish	3.20
No. 17/DB—Dull Brass Finish	3.20
No. 17/EB—Electro Plated, Dead Black Finish	3.20

Weight Per Dozen About 7 Pounds.
One-half Dozen in a Box, with Screws.



Wrought Steel.
Length 6 in.

	Per Dozen
No. 50/J—Japanned, Weight Per Dozen About 3 Lbs	$1.70

One-half Dozen in a Box.

Hand Rail Screws.

No. 51—Wrought Steel, Fluted Center, One Nut and Washer.

Size, Inches	4½x$\frac{5}{16}$	5x$\frac{5}{16}$
Weight Per Gross, Lbs	16	20
Per Gross	$6.00	6.75

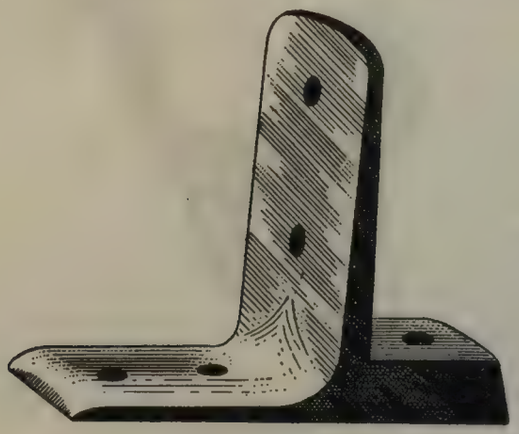
No. 52—Wrought Steel, Fluted Center, Two Nuts, One Washer.

Size, Inches	4½x$\frac{5}{16}$	5x$\frac{5}{16}$
Weight Per Gross, Lbs	20	24
Per Gross	$6.75	7.50

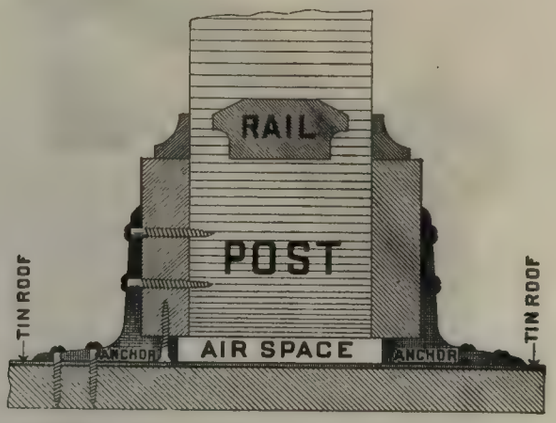
One-quarter Gross in a Box.

Porch Brackets or Supports.

HAMMAN'S PERFECTION



Cut Full Size.



Showing Bracket Fastened to Tin Roof.

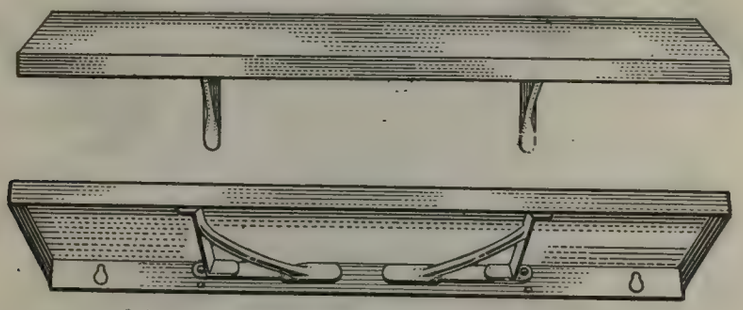
For Fastening Railing Posts to Tin Decks or Any Flat Surface.

	Per Dozen
No. 15—Malleable Iron, Heavily Galvanized, Weight Per Dozen 5 Lbs	**$1.90**

Especially adapted to Pariod, Canvas and Composition Roofs, where soldering is impracticable. Will fit any post, especially columns set on tin decks.

The air space gained by use of Porch Bracket or Anchor allows complete circulation of air between Tin Decks and Posts, which dries out all moisture, thereby preserving the Tin Deck from corroding and the Post from rotting.

Anywhere Steel Shelves.



Cut Shows Bracket Folded Under Shelf.

Sheet Steel, Durable Enamel Finish, Baked On, Brackets Fold Under Shelf when not in Use, Complete with Nickel Plated Screws.

No. 30—Olive Green Enameled.		
Length, Inches	12	24
Width, Inches	6	6
Weight Per Dozen, Lbs.	18	36
Per Dozen	$5.60	10.00

No. 030—White Enameled.		
Length, Inches	12	24
Width, Inches	6	6
Weight Per Dozen, Lbs.	18	36
Per Dozen	$8.30	15.00

One-twelfth Dozen in a Box.

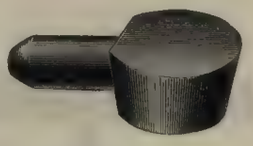
Shelf Rests.

Cuts Full Size

For Movable Shelves.

	Per Gross
No. 20—Cast Iron, Coppered, Length of Pin 7/16 in., Diameter of Pin ¼ in., Weight Per Gross About 4 Lbs.	**$0.80**

One Gross in a Box.



For Movable Shelves.

	Per Gross
No. 12—Cast Iron, Coppered, Length of Pin 5/8 in., Diameter of Pin 3/8 in., Weight Per Gross About 6 Lbs.	**$1.35**

One Gross in a Box.

Shelf Brackets.

No. 794—Folded.

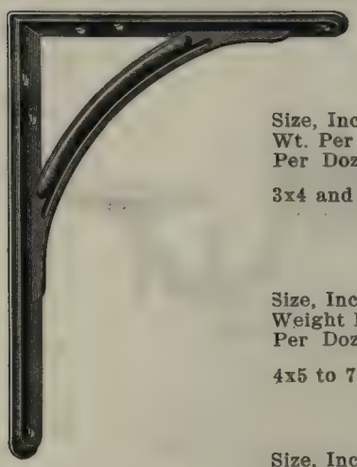
No. 794/J—Wrought Steel, Japanned, Folding.

Size, Inches	8x8	12x12	16x16
Weight Per Dozen Pairs, Lbs.	10	28	48
Per Dozen Pairs	$5.30	8.00	13.50

Easy to operate. Locks automatically when lifted up, folds down against the wall entirely out of the way when not in use.

One-twelfth Dozen Pairs in a Box.

No. 794—Open.


Nos. 792 and 495.

No. 792/J—Wrought Steel, Japanned.

Size, Inches	3x4	4x5	5x6	5x7	6x8	7x9	8x10	10x12	12x14
Wt. Per Dozen Pairs, Lbs.	3½	5	6	7	9	12	15	24	35
Per Dozen Pairs	$0.68	.72	1.02	1.15	1.40	1.65	1.95	2.80	5.00

3x4 and 4x5 in., One Dozen Pairs; 5x6 to 7x9 in., One-half Dozen Pairs; 8x10 to 12x14 in., One-quarter Dozen Pairs in a Box.

No. 492/B—Wrought Steel, Polished, Brass Plated, Light Natural Finish.

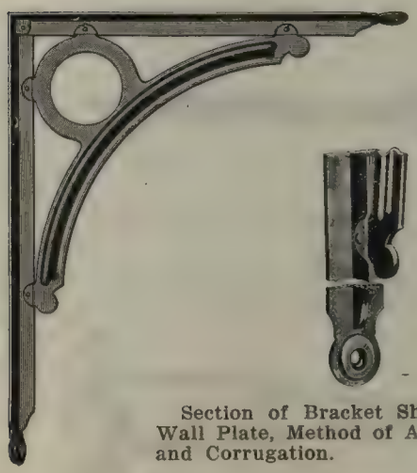
Size, Inches	4x5	5x6	5x7	6x8	7x9	8x10	10x12	12x14
Weight Per Dozen Pairs, Lbs.	5	6	7	9	12	15	24	35
Per Dozen Pairs	$2.00	2.70	2.90	3.80	4.00	4.25	5.60	7.25

4x5 to 7x9 in., One-half Dozen Pairs; 8x10 to 12x14 in., One-quarter Dozen Pairs in a Box, with Screws.

No. 495/OC—Wrought Steel, Polished, Old Copper Finish.

Size, Inches	4x5	5x6	5x7	6x8	7x9	8x10	10x12	12x14
Weight Per Dozen Pairs, Lbs.	5	6	7	9	12	15	24	35
Per Dozen Pairs	$2.25	2.90	3.20	4.00	4.50	4.70	6.30	7.75

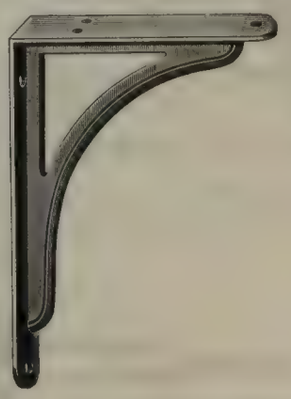
4x5 to 7x9 in., One-half Dozen Pairs; 8x10 to 12x14 in., One-quarter Dozen Pairs in a Box, with Screws.


Section of Bracket Showing End of Wall Plate, Method of Attaching Brace and Corrugation.

No. 790/J—Wrought Steel, Japanned, Extra Heavy.

Size, Inches	16x18
Weight Per Dozen Pairs, Lbs.	84
Per Dozen Pairs	$16.50

One Pair in a Package.



No. 48/J—Cast Iron, Japanned, Extra Heavy.

Size, Inches	10x12	12x14	12x17	12x20	16x20
Wt. Doz. Pairs, Lbs.	45	63	78	93	100
Per Dozen Pairs	$6.20	10.40	11.70	13.25	14.40

10x12 in., One-half Dozen Pairs; 12x14 and 12x17 in., One-quarter Dozen Pairs in a Box.

12x20 and 16x20 in., Open Stock.

Flower Pot Brackets.

Steel Wire, Tinned.

Nos.	50	51
Diam. Shelf, Inches.	5	6
Wt. Per Dozen, Lbs.	4	4½
Per Dozen	$1.90	2.00

One Dozen in a Box.

Cast Iron, Maroon Finish.

No.	1760
Length of Arm, Inches	5
Diam. of Shelf, Inches	4
Weight Per Dozen, Lbs.	6
Per Dozen	$1.90

One Dozen in a Box, with Screws.

Cast Iron, Maroon Finish.

No.	1872
Length of Arm, Inches	9
Diam. of Shelf, Inches	5½
Weight Per Dozen, Lbs.	15
Per Dozen	$4.00

One-quarter Dozen in a Box, with Screws

Cast Iron, Maroon Finish.

No.	2088
Length of Arm, Inches	12
Diameter of Shelves, Inches	5½ and 4
Weight Per Dozen, Lbs.	17
Per Dozen	$6.70

One-quarter Dozen in a Box, with Screws.

Cast Iron, Maroon Finish.

No.	2168
Length of Arms, Inches	6
Diameter of Shelves, Inches	5
Weight Per Dozen, Lbs.	27
Per Dozen	$8.50

One-sixth Dozen in a Box, with Screws.

Bird Cage Hooks.

Cast Iron, Wide Base, Wire Hook, 10 in. Projection.

Per Dozen

No. 50/E—Etruscan Bronzed $1.70

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Package.

Cast Iron, Steel Screw, 8⅛ in. Projection.

Per Dozen

No. 33/E—Etruscan Bronzed $1.35

Weight Per Dozen About 4½ Pounds.

One Dozen in a Box.

Steel Wire, Swinging Arm, 8 in. Projection.

Per Dozen

No. 223/N—Nickel Plated, Polished $0.90

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Steel Wire, Swinging Arm, 10 in. Projection.

Per Dozen

No. 11/N—Nickel Plated, Polished $1.15

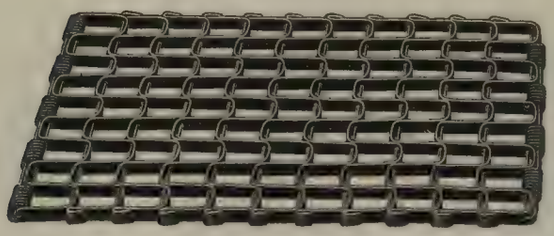
No. 011 —Brass Plated 1.35

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Wire Door Mats.

KEYSTONE

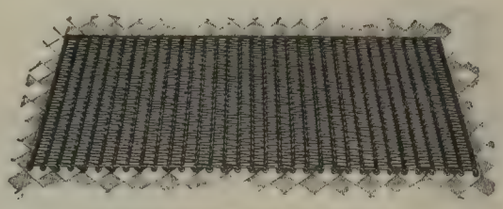


⅜ x 1/16 in. Crimped Flat Galvanized Steel Strips, Hinged Together with Galvanized Steel Rods.

Nos.	12	13	14
Size, Inches	16x24	18x30	22x36
Wt. Per Dozen, About, Lbs.	51	75	90
Per Dozen	$16.10	22.75	33.35

This Mat rolls up one way and is flexible. Will not curl, lays flat, and fits uneven surfaces.

U. S.

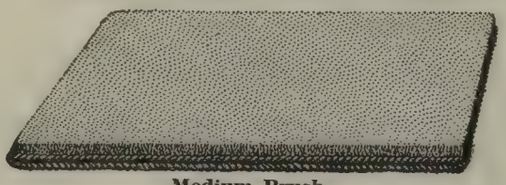


Special Galvanized Steel Wire.

Nos.	1	2	3
Size, Inches	16x24	18x30	22x36
Wt. Per Dozen, About, Lbs.	57	79	115
Per Dozen	$15.00	22.75	30.00

This Mat is constructed to roll but one way and therefore always lays flat.

Cocoa Brush Door Mats.



Medium Brush.

Nos.	1	2	3	4
Size, Inches	14x24	16x27	18x30	20x33
Weight Per Dozen, About, Lbs.	30	40	50	80
Per Dozen	$12.00	13.00	16.50	20.00

Open Stock.

Foot Scrapers.

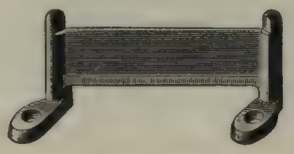
Wrought Steel, Japanned.

Per Dozen

No. 101—2¾ in. High, 6 in. Wide $1.90

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.



Cast Iron, Japanned.

Per Dozen

No. 2—2½ in. High, 6 in. Wide $0.90

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

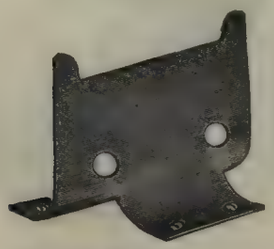
Cast Iron, Japanned.

Per Dozen

No. 3—1¾ in. High, 5¾ in. Wide, Weight Per Dozen About 7 Lbs. $1.15

No. 4—2 in. High, 7 in. Wide, Weight Per Dozen About 8 Lbs. 1.35

One Dozen in a Box.



Wrought Steel, Japanned.

Especially Adapted for Cement Walks.

Per Dozen

No. 210—4 in. High, 6 in. Wide $3.10

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box.

Automatic.

Per Dozen

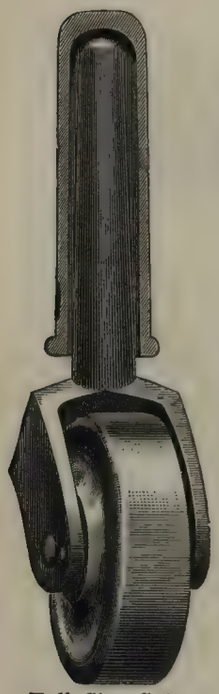
No. 25—Ten Parallel Steel Cleaning Plates, Two Best Stiff Bristle Brushes which May be Replaced When Necessary $20.00

Cleans Soles and Brushes Sides of Shoes in one operation. Automatically adjusts itself to any size shoe.

Weight Per Dozen About 24 Pounds.

One-twelfth Dozen in a Box.

Bed Casters.



Full Size Cut of No. 111.

Iron Wheel, Bronzed Iron Stem and Shank.

Nos.	101B	102B	103B	201B	202B	203B
Old Nos.	1	2	3	1	2	3
Size of Wheel, Inches	1⅝	1⅝	1⅝	2	2	2
Weight Per Set, About, Lbs.	1	1⅛	1¼	1⅝	2	2¼
Per Set of 4	$0.16	.18	.20	.22	.23	.25

Nos. 101B to 103B, Six Sets; Nos. 201B to 203B, Four Sets in a Package.

Porcelain Wheel, Bronzed Iron Stem and Shank.

Nos.	111	112	113	211	212	213
Old Nos.	1	2	3	1	2	3
Size of Wheel, Inches	1⅝	1⅝	1⅝	2	2	2
Weight Per Set, About, Lbs.	⅞	1	1⅛	1½	1¾	2
Per Set of 4	$0.16	.18	.20	.22	.24	.26

Nos. 111 to 113, Six Sets; Nos. 211 to 213, Four Sets in a Package.

Dark Maple Wheel, Bronzed Iron Stem and Shank.

Nos.	221	222	232
Old Nos.	1	2	2
Size of Wheel, Inches	1⅝	1⅝	2
Weight Per Set, About, Lbs.	1	1¼	1½
Per Set of 4	$0.14	.16	.21

Nos. 221 and 222, Six Sets; No. 232, Four Sets in a Package.

FAULTLESS

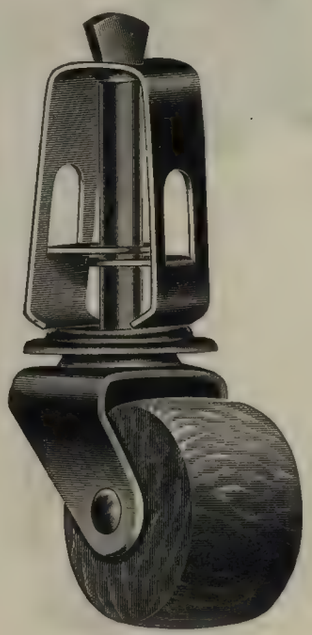
For Iron Beds.

Lignumvitae Wheel, Nickel Plated Horn and Washer.

Nos.	141	161
Size of Socket, Inches	⅞	1 1/16
Size of Wheel, Inches	1 1/16	1⅜
Weight Per Set, About, Lbs.	⅞	1
Per Set of 4	$0.30	.41

Six Sets in a Box.

PEERLESS



For Iron Beds.

Maple Wheel.

Nos.	241	252
Size of Socket, Inches	⅝	11/16
Size of Wheel, Inches	1⅛	1¼
Weight Per Set, About, Lbs.	1	1¼
Per Set of 4	$0.20	.21

Six Sets in a Box.

Casters.

FAULTLESS

SHORT STEM

Nickel Plated Horn and Washer.

Lignumvitae Wheel.

Nos.	400	401	402
Size of Socket, Inches	7/8	3/8	3/8
Size of Wheel, Inches	1 1/16 x 9/16	1 1/8 x 5/8	1 1/4 x 11/16
Weight Per Set, About, Lbs.	1/2	5/8	3/4
Per Set of 4	$0.19	.21	.23

Iron Wheel.

Nos.	403	404
Size of Socket, Inches	3/8	3/8
Size of Wheel, Inches	1 1/8 x 5/8	1 1/4 x 11/16
Weight Per Set, About, Lbs	3/4	1
Per Set of 4	$0.28	.29

Six Sets in a Box.

LONG STEM

Nickel Plated Horn and Washer.

Lignumvitae Wheel.

Nos.	406	407	408
Size of Socket, Inches	3/8	3/8	3/8
Size of Wheel, Inches	1 1/4 x 11/16	1 3/8 x 3/4	1 5/8 x 3/4
Weight Per Set, About, Lbs.	3/4	7/8	1
Per Set of 4	$0.23	.26	.32

Iron Wheel.

Nos.	409	410
Size of Socket, Inches	3/8	3/8
Size of Wheel, Inches	1 3/8 x 3/4	1 5/8 x 3/4
Weight Per Set, About, Lbs	1	1 1/4
Per Set of 4	$0.34	.39

Six Sets in a Box.

COMBINATION PLATE

Nickel Plated Horn and Plate.

Lignumvitae Wheel.

Nos.	412	413	414	418
Size of Socket, Inches	3/8	3/8	3/8	1/2
Size of Wheel, Inches	1 1/16 x 9/16	1 1/8 x 5/8	1 1/4 x 11/16	1 5/8 x 3/4
Wt. Per Set, About, Lbs.	7/8	1	1 1/8	1 1/4
Per Set of 4	$0.21	.23	.24	.40

Iron Wheel.

No.	415
Size of Socket, Inches	3/8
Size of Wheel, Inches	1 1/8 x 5/8
Weight Per Set, About, Lbs	1 1/4
Per Set of 4	$0.29

Leather Wheel.

No.	420
Size of Socket, Inches	1/2
Size of Wheel, Inches	1 5/8 x 3/4
Weight Per Set, About, Lbs	1
Per Set of 4	$2.15

Six Sets in a Box.

PLATE

Bronzed Iron Horn and Plate.

Iron Wheel.

Nos.	501	502	503	504	505
Size, Nos.	1	2	3	4	5
Size of Wheel, Inches	7/8	1	1 1/8	1 1/4	1 3/8
Weight Per Set, About, Lbs.	5/8	3/4	7/8	1	1 1/8
Per Set of 4	$0.16	.18	.20	.23	.27

Porcelain Wheel.

Nos.	511	512	513	514	515
Size, Nos.	1	2	3	4	5
Size of Wheel, Inches	7/8	1	1 1/8	1 1/4	1 3/8
Weight Per Set, About, Lbs.	3/8	1/2	5/8	3/4	1
Per Set of 4	$0.16	.17	.18	.21	.27

Dark Maple Wheel.

No.	523
Size, Nos.	3
Size of Wheel, Inches	1 1/8
Weight Per Set, About, Lbs	1/2
Per Set of 4	$0.20

Six Sets in a Package.

Stem Casters.

PHILADELPHIA PATTERN

Nos. 541 to 545.

Steel Stem and Shank.

Iron Wheel.

Nos.	531	532	533	534	535
Size of Wheel, Inches	⅞	1	1⅛	1¼	1⅜
Weight Per Set, About, Lbs.	2	2½	3	4	4½
Per Set of 4	$0.12	.13	.14	.16	.17

Maple Wheel.

Nos.	541	542	543	544	545
Size of Wheel, Inches	⅞	1	1⅛	1¼	1⅜
Weight Per Set, About, Lbs.	1	1½	2	2½	3
Per Set of 4	$0.08	.09	.11	.12	.14

Lignumvitae Wheel.

Nos.	551	552	553	554	555
Size of Wheel, Inches	⅞	1	1⅛	1¼	1⅜
Weight Per Set, About, Lbs.	1	1½	2	2½	3
Per Set of 4	$0.13	.14	.16	.18	.20

Six Sets in a Box.

ACME, BALL BEARING

No. 657.

No. 659.

No. 670.

No. 657—Countersunk, Round Plate, Wrought Steel, Nickel Plated.

Size, Inches	1	1⅛	1¼
Diameter of Plate, Inches	1⅝	1¾	2
Weight Per Set, About, Lbs.	2¾	3	3½
Per Set of 4	$1.00	1.05	1.10

One Set in a Box.

No. 659—Lock Stem, with Socket, Wrought Steel, Nickel Plated.

Size, Inches	1	1⅛
Weight Per Set, About, Lbs.	3	3½
Per Set of 4	$1.05	1.10

No. 670—Screw Pin, Wrought Steel, Brass Plated.

Size, Inches	1	1⅛
Weight Per Set, About, Lbs.	3	3½
Per Set of 4	$1.05	1.10

One Set in a Box.

The Acme Ball Bearing Casters are made from one piece of sheet steel. The weight imposed falls directly over the center of gravity. There being no lateral strain, consequently there is no possibility of breaking or getting out of order. The surface ball revolves upon a number of small balls that are automatically interchangeable, upon steel disk, and moves in any direction with the slightest pressure.

Gliding Casters.

EVER GRIP

Phantom View Showing Caster Applied.

Armour Plate Steel, Specially Tempered, Highly Polished and Nickel Plated.

Per Assortment

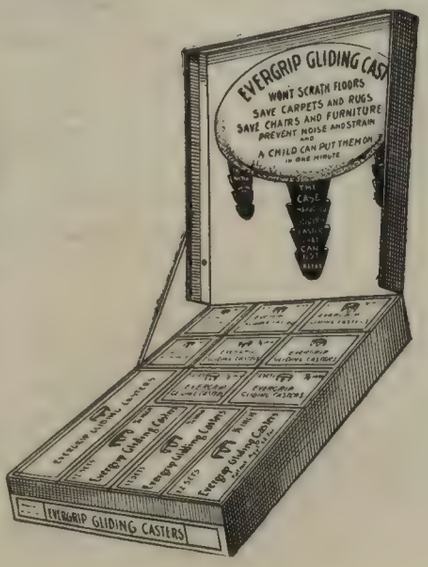
No. 12 Assortment—Consists of 144 Sets of Ever Grip Gliding Casters, as Enumerated Below...$6.75

Contents of Assortment.

	Per Set of 4 Pieces	Total
24 Sets of ½ in. Casters	$0.03	$0.72
72 Sets of ⅝ in. Casters	.03½	2.52
36 Sets of ¾ in. Casters	.04	1.44
12 Sets of ⅞ in. Casters	.05	.60
Total Retail Value		$5.28

Weight Per Assortment About 4 Pounds.

One Assortment in a Box.



Casters.

Cuts One-half Size

GEM, STEM PLATE

No. 454.

No. 456.

	Per Set of 4
No. 453 —1 3/16 in., Iron Wheel, Steel Frame, Size No. 4, Weight Per Set About 1 Lb.	$0.30
No. 453P—1 3/16 in., Polished Iron Wheel, Steel Frame, Size No. 4, Weight Per Set About 1 Lb.	.34
No. 454 —1 3/16 in., Lignumvitae Wheel, Steel Frame, Size No. 4, Weight Per Set About 7/8 Lb.	.29

GEM, FOX SOCKET

	Per Set of 4
No. 455 —1 3/16 in., Iron Wheel, Steel Frame, Spring Socket, Size No. 4, Weight Per Set About 1 1/4 Lbs.	$0.29
No. 455P—1 3/16 in., Polished Iron Wheel, Steel Frame, Spring Socket, Size No. 4, Weight Per Set About 1 1/4 Lbs.	.34
No. 456 —1 3/16 in., Lignumvitae Wheel, Steel Frame, Spring Socket, Size No. 4, Weight Per Set About 1 Lb.	.29
No. 755 —1 7/16 in., Iron Wheel, Steel Frame, Spring Socket, Size No. 7, Weight Per Set About 1 1/2 Lbs.	.38
No. 755P—1 7/16 in. Polished Iron Wheel, Steel Frame, Spring Socket, Size No. 7, Weight Per Set About 1 1/2 Lbs.	.45
No. 756 —1 7/16 in., Lignumvitae Wheel, Steel Frame, Spring Socket, Size No. 7, Weight Per Set About 1 1/4 Lbs.	.38

One Set in a Box.

Plate Casters.

Cuts One-half Size

GEM

No. 451.

Steel Frame, Square Plate, 1 1/2 x 1 1/2 in.

	Per Set of 4
No. 451 —1 3/16 in., Iron Wheel, Size No. 4	$0.29
No. 451P—1 3/16 in., Polished Iron Wheel, Size No. 4	.34
No. 452 —1 3/16 in., Lignumvitae Wheel, Size No. 4	.29
No. 352 —1 1/16 in., Lignumvitae Wheel, Size No. 3, Suitable for Shirt Waist Boxes	.26

Weight Per Set About 1 Pound.

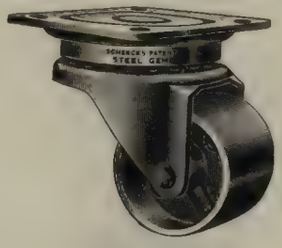
No. 751.

Steel Frame, Square Plate, 1 7/8 x 1 7/8 in.

	Per Set of 4
No. 751 —1 7/16 in., Iron Wheel, Size No. 7	$0.38
No. 751P—1 7/16 in., Polished Iron Wheel, Size No. 7	.45
No. 752 —1 7/16 in., Lignumvitae Wheel, Size No. 7	.38

Weight Per Set About 1 3/8 Pounds.

One Set in a Box



No. 851.

Steel Frame, Square Plate, 2 1/4 x 2 1/4 in.

	Per Set of 4
No. 851 —1 1/8 in., Iron Wheel, Size No. 8	$0.58
No. 851P—1 1/8 in., Polished Iron Wheel, Size No. 8	.67

Weight Per Set About 2 Pounds.

No. 951.

Steel Frame, Square Plate, 2 1/4 x 2 1/4 in.

	Per Set of 4
No. 951 —1 7/8 in., Iron Wheel, Size No. 9	$0.67
No. 951P—1 7/8 in., Polished Iron Wheel, Size No. 9	.78

Weight Per Set About 3 Pounds.

One Set in a Box.

BOSS PATENT

No. 322.

Iron Wheel, Oblong Plate, Bronzed.

Nos.	322	332	342
Size, Nos.	2	3	4
Diameter of Wheel, Inches	1 1/8	1 3/8	1 5/8
Weight Per Set, About, Lbs.	1	1 3/4	2 3/4
Per Set of 4	$0.45	.56	.71

No. 328.

Lignumvitae Wheel, Oblong Plate, Bronzed.

Nos.	328	338	348
Size, Nos.	2	3	4
Diameter of Wheel, Inches	1 1/8	1 3/8	1 5/8
Weight Per Set, About, Lbs.	1	1 3/4	2 3/4
Per Set of 4	$0.50	.60	.75

One Set in a Box.

Plate Casters.

Cuts One-half Size

BOSS PATENT

No. 323.

No. 329.

Iron Wheel, Round Stem Plate, Bronzed.

Nos.	323	333	343
Size, Nos.	2	3	4
Diameter of Wheel, Inches	1⅛	1⅜	1⅝
Weight Per Set, About, Lbs.	1	1¾	2¾
Per Set of 4	$0.45	.56	.71

One Set in a Box.

Lignumvitae Wheel, Round Stem Plate, Bronzed.

Nos.	329	339	349
Size, Nos.	2	3	4
Diameter of Wheel, Inches	1⅛	1⅜	1⅝
Weight Per Set, About, Lbs.	1	1¾	2¾
Per Set of 4	$0.50	.60	.75

One Set in a Box.

TUCKER'S PATENT

No. 227.

No. 228.

Lignumvitae Wheels, Round Plate, Bronzed.

Nos.	227	237	247	257
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches	1⅛	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs.	¾	1½	2	2½
Per Set of 4	$0.80	.90	1.00	1.20

Lignumvitae Wheels, Oblong Plate, Bronzed.

Nos.	228	238	248	258
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches	1⅛	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs.	¾	1½	2	2½
Per Set of 4	$0.80	.90	1.00	1.20

One Set in a Box.

No. 229.

No. 220.

Lignumvitae Wheels, Round Plate Stem, Bronzed.

Nos.	229	239	249	259
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches	1⅛	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs.	¾	1½	2	2½
Per Set of 4	$0.80	.90	1.00	1.20

Leather Tire Wheels, Round Plate Stem, Bronzed.

Nos.	2223	2233
Size, Nos.	2	3
Diameter of Wheels, Inches	1¼	1½
Weight Per Set, About, Lbs.	¾	1½
Per Set of 4	$2.80	3.35

Lignumvitae Wheels, Fox Stem and Shank, Bronzed.

Nos.	220	230	240	250
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches	1⅛	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs.	¾	1½	2	2½
Per Set of 4	$0.80	.90	1.00	1.20

One Set in a Box.

Plate Casters.

Cuts One-half Size

MARTIN'S PATTERN

No. 31.

Iron Wheels, Round Plate, Bronzed.

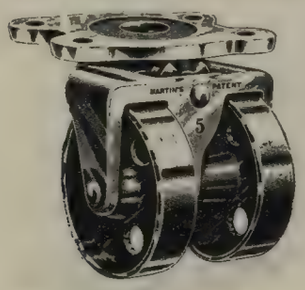
Nos.	21	31	41	51
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches..	1	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs..	1	2	3	4
Per Set of 4.....	$0.64	.68	.72	.80

No. 47.

Lignumvitae Wheels, Round Plate, Bronzed.

Nos.	27	37	47	57
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches..	1	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs..	1	2	2½	3
Per Set of 4.....	$0.68	.72	.76	.84

One Set in a Box.



No. 52.

Iron Wheels, Oblong Plate, Bronzed.

Nos.	22	32	42	52
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches..	1	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs..	1	2	3	4
Per Set of 4.....	$0.64	.68	.72	.80

No. 48.

Lignumvitae Wheels, Oblong Plate, Bronzed.

Nos.	28	38	48	58
Size, Nos.	2	3	4	5
Diameter of Wheels, Inches..	1	1⅜	1⅝	1⅞
Weight Per Set, About, Lbs..	1	2	2½	3
Per Set of 4.....	$0.68	.72	.76	.84

One Set in a Box.

No. 61.

Iron Wheels, Round Plate, Bronzed.

Per Set of 4

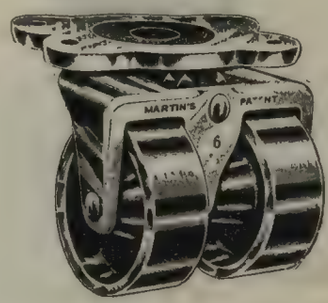
No. 61—1¾ in. Wheels, Size No. 6, Weight Per Set About 6 Lbs..... $1.00

No. 71—2¼ in. Wheels, Size No. 7, Weight Per Set About 7 Lbs..... 1.20

Lignumvitae Wheels, Round Plate, Bronzed.

Per Set of 4

No. 67—1¾ in. Wheels, Size No. 6, Weight Per Set About 5 Lbs..... $1.04



No. 62.

Iron Wheels, Oblong Plate, Bronzed.

Per Set of 4

No. 62—1¾ in. Wheels, Size No. 6, Weight Per Set About 6 Lbs..... $1.00

Lignumvitae Wheels, Oblong Plate, Bronzed.

Per Set of 4

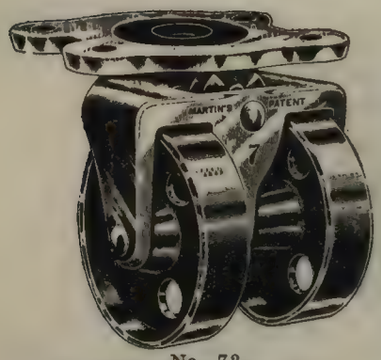
No. 68—1¾ in. Wheels, Size No. 6, Weight Per Set About 5 Lbs..... $1.04

One Set in a Box.

Plate Casters.

Cuts One-half Size

MARTIN'S PATTERN



No. 72.

Iron Wheels, Oblong Plate, Bronzed.

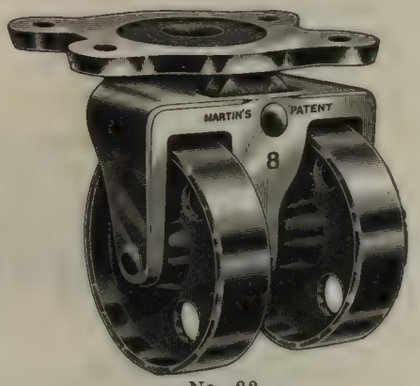
No.	72
Size, No.	7
Diameter of Wheels, Inches	2 ¼
Plate, Inches	2 ½ x 3 ½
Weight Per Set, About, Lbs.	7
Per Set of 4	$1.20

One Set in a Box.

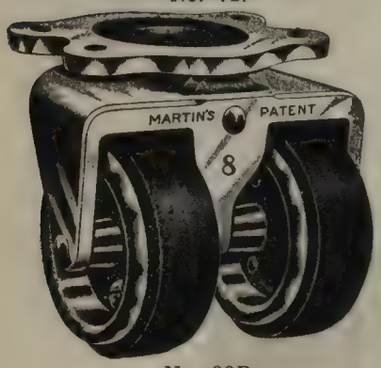
Iron Wheels, Oblong Plate, Plain Finish.

Nos.	82	102	122
Size, Nos.	8	10	12
Diam. of Wheels, In.	2 ½	3 ⅛	4 ⅜
Plate, Inches	3 ¼ x 4 ⅜	3 ⅜ x 4 ⅜	4 ¼ x 6 ⅜
Wt. Set, About, Lbs.	11	13	38
Per Set of 4	$1.60	2.00	5.60

Nos. 82 and 102, Six Sets; No. 122, One Set in Box.



No. 82.



No. 82R.

Truck Casters.

Cuts One-half Size

Swivel, Oblong Plate, Iron Wheels, Soft Rubber Tires.

Nos.	62R	82R	102R	112R
Diameter of Wheels, Inches	2	2 ½	3	3 ½
Face of Rubber Tire, Inches	¾	⅞	1	1 ⅛
Height Over All, Inches	2 ⅞	3 ½	4	4 ¾
Weight Per Set, About, Lbs.	8	14	18	26
Per Set of 4	$3.60	5.60	7.60	11.20

Open Stock.

No. 8R.

No. 8SR.

Stationary, Oblong Plate, Iron Wheel, Soft Rubber Tire.

Nos.	6R	8R	10R	11R
Diameter of Wheels, Inches	2 ½	3	3 ½	4 ¼
Face of Rubber Tire, Inches	⅞	1	1 ⅛	1 ⅜
Height Over All, Inches	2 ⅞	3 ½	4	4 ¾
Weight Each, About, Lbs.	1 ¾	2 ¾	3 ½	6
Each	$0.76	1.08	1.56	2.32

Swivel, Round Plate, Iron Wheel, Soft Rubber Tire.

Nos.	6SR	8SR	10SR	11SR
Diameter of Wheel, Inches	2	2 ½	3	3 ½
Face of Rubber Tire, Inches	¾	⅞	1	1 ⅛
Height Over All, Inches	2 ⅞	3 ½	4	4 ¾
Weight Each, About, Lbs.	1 ½	2 ½	3 ½	5
Each	$0.60	.88	1.20	1.82

Open Stock.

STENGEL PATENT.

No. 8A.

Anti-Friction, Iron Wheels, Oblong Plate, Bronzed.

Per Set of 4

No. 8A—2 ½ in. Wheel, 2 ⅞ x 4 in. Plate, 3 ⅝ in. High Over All, Size No. 8, Weight Per Set About 11 Lbs. $2.50

No. 10A—3 in. Wheel, 3 x 4 ⅜ in. Plate, 4 ¼ in. High Over All, Size No. 10, Weight Per Set About 14 Lbs. 3.10

No. 12A—4 in. Wheel, 4 ¼ x 6 ¼ in. Plate, 6 in. High Over All, Weight Per Set About 38 Lbs. 8.75

Nos. 8A and 10A, Six Sets; No. 12A, One Set in a Box.

No. 10A.

Truck Casters.

Cuts One-half Size

STATIONARY

No. 8W.

Stationary, Oblong Plate, Iron Wheel, Wide Flat Face.

Nos.	6W	8W	10W	11W
Diameter of Wheel, Inches	2½	3	3½	4¼
Face of Wheel, Inches	1⅛	1 5/16	1½	1¾
Height Over All, Inches	2⅞	3½	4	4¾
Weight Each, About, Lbs.	1¾	2¾	3½	6
Each	$0.32	.44	.60	.80

SWIVEL

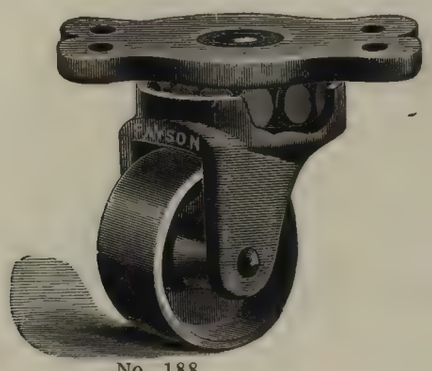
No. 8SW.

Swivel, Round Plate, Iron Wheel, Wide Flat Face.

Nos.	6SW	8SW	10SW	11SW	12SW
Diam. of Wheel, Inches	2	2½	3	3½	4¼
Face of Wheel, Inches	1	1⅛	1 5/16	1½	1¾
Height Over All, Inches	2⅞	3½	4	4¾	5¾
Weight Each, About, Lbs.	1⅛	2⅛	3½	4¾	8
Each	$0.28	.40	.56	.76	1.08

Open Stock.

ANTI-FRICTION



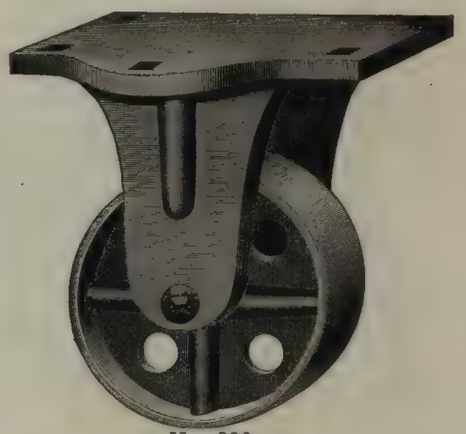
No. 188.

Iron Wheels, Oblong Plate.

Nos.	188	190	190/L	190/S	192
Diam. Wheel, In.	2½	3⅛	4⅛	4½	4
Plate, Inches	3x4¼	3⅜x4⅞	3⅜x4⅞	3⅜x4⅞	4¼x6¼
Height, Inches	3½	4½	5¼	6	6
Wt. Set, Abt., Lbs.	8	14½	15	20	37
Per Set of 4	$1.35	1.90	2.50	3.25	6.00

Open Stock.

STORE



No. 823.

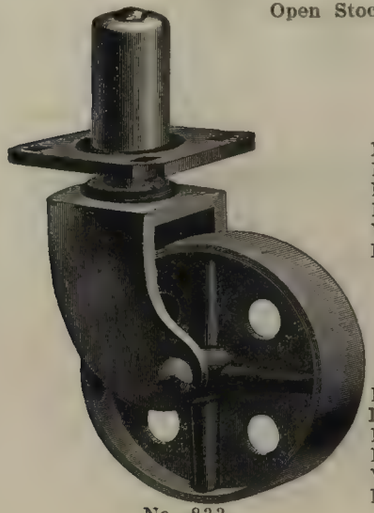
Stationary, All Iron, Japanned.

Nos.	823	824	825
Diameter of Wheel, Inches	2⅞	3⅞	4⅛
Plate, Inches	2⅞x4¾	3x5	3¼x5⅛
Height, Inches	4	5⅛	5½
Weight Each, About, Lbs.	3½	4	4½
Each	$0.28	.34	.40

Open Stock.

Truck Casters.

Cut One-half Size



No. 833.

Swivel, All Iron, Japanned.

Nos.	833	834	835
Diameter of Wheel, Inches	2⅞	3⅞	4⅛
Plate, Inches	2⅜x2⅜	2⅞x2⅞	2⅞x2⅞
Height, Inches	4⅛	5¼	5⅞
Weight Each, About, Lbs.	3½	4½	5
Each	$0.32	.40	.52

Open Stock.

Piano Casters.

Cut One-half Size

All Iron, Turned Wheel.

Nos.	8	9
Diameter of Wheel, Inches	1⅛	1⅛
Plate, Inches	2⅛	2¼
Length of Stem, Inches	1⅜	1⅜
Weight Per Set, About, Lbs.	1½	2
Per Set of 4	$0.75	.85

Four Sets in a Package.

No. 8.

Screw Hooks.

Cuts Full Size

⅝ in. 1 in.

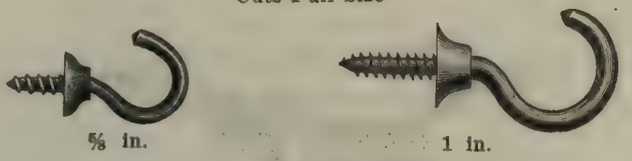
No. 412—Brass Wire, Polished.

Inches	½	⅝	¾	⅞
Weight Per Gross, Lbs.	¼	½	¾	1
Per Gross	$1.15	1.18	1.20	1.35
Inches	1	1¼	1½	
Weight Per Gross, Lbs.	1½	2	2½	
Per Gross	$1.60	3.00	3.30	

One Gross in a Box.

Cup Hooks.

Cuts Full Size



⅝ in. 1 in.

No. 81—Brass Wire, Polished.

Inches	½	⅝	¾	⅞
Weight Per Gross, Lbs.	¼	½	¾	1
Per Gross	$1.15	1.18	1.20	1.35
Inches	1	1⅛	1¼	1½
Weight Per Gross, Lbs.	1½	1¾	2	2½
Per Gross	$1.60	2.10	3.00	3.30

One Gross in a Box.

Kitchen Hooks.

Cut Full Size

Steel Wire.

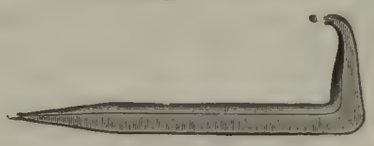
Size 1¾ in., No. 7 Wire.

	Per Gross
No. 466—Brass Plated	$1.35

Weight Per Gross 3 Pounds.

One Gross in a Box.

Awning Hooks.



One-half Size Cut of 4 in.

No. 60—Wrought Steel, Plain.

Inches	3	4	4½
Wt. Gross, Lbs.	5	12	21
Per Gross	$2.25	4.50	5.00

3 in. Hooks are made of Round Steel; 4 and 4½ in. of Square Steel.

One-half Gross in a Box.

Cabin Door Hooks.

One-half Size Cut of 2½ in.

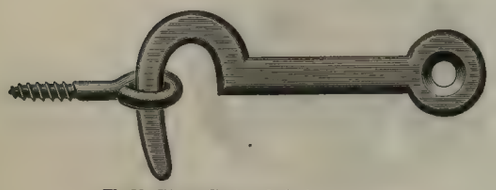
No. 72—Cast Brass, Polished.

Inches	2½	3
Weight Per Dozen, Lbs.	1½	2
Per Dozen	$3.00	3.45

Two Dozen in a Box, with Screws.

Hooks and Eyes.

RIGHT OR LEFT HAND



Full Size Cut of 2 in.

No. 20—Wrought Steel, Polished.

Length, Inches	1½	2
Weight Per Gross, Lbs.	1½	2½
Per Gross	$0.85	1.00

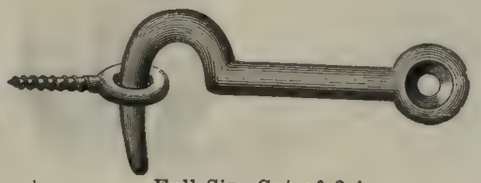
One Gross in a Box.

Full Size Cut of 1½ in.

No. 61—Brass, Double Convex.

Length, Inches	¾	1	1¼	1½
Wt. Gross, Lbs.	½	¾	1	1½
Per Gross	$2.25	2.50	2.70	2.95

One Gross in a Box.



Full Size Cut of 2 in.

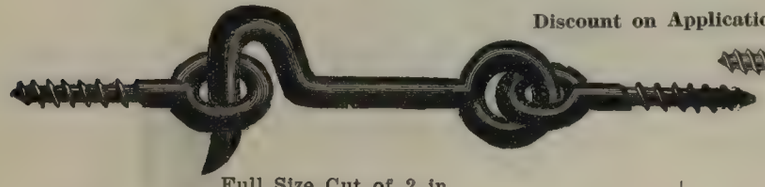
No. 60—Heavy Brass, Double Convex.

Inches	1	1¼	1½	1¾	2
Wt. Gross, Lbs.	1	1½	2	2½	3
Per Gross	$2.70	2.95	3.15	3.60	4.30

One Gross in a Box.

Gate Hooks and Eyes.

Discount on Application.



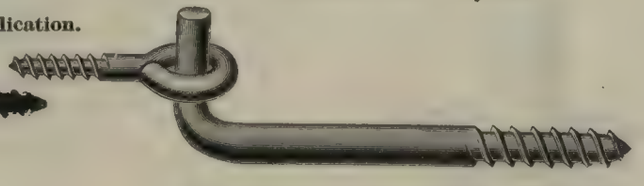
Full Size Cut of 2 in.

No. 40—Bright Steel Wire.

Length, Inches	1½	2	2½	3	3½
Weight Gross, Lbs.	3½	5	6½	8	10
Per Gross	$6.50	8.00	10.00	12.00	14.50
Length, Inches		4	4½	5	5½
Weight Gross, Lbs.		12	15	17	19
Per Gross		$17.00	20.00	24.00	30.00
Length, Inches		6	8	10	12
Weight Gross, Lbs.		21	26	28	31
Per Gross		$30.00	36.00	42.00	48.00

1½ in., One Gross; 2 to 4 in., One-half Gross; 4½ to 6 in., One-quarter Gross; 8 to 12 in., One-sixth Gross in a Box.

Cornice Hooks and Eyes.



Full Size Cut of 2½ in.

No. 30—Bright Steel Wire.

Length, Inches	2	2½	3	3½	4
Weight Gross, Lbs.	4½	5½	6½	7½	9
Per Gross	$17.00	17.00	17.00	20.00	20.00
Length, Inches	4½	5	6	8	10
Weight Gross, Lbs.	10	12	14	20	24
Per Gross	$23.00	23.00	26.00	30.00	36.00

2 to 6 in., One-half Gross; 8 to 10 in., One-quarter Gross in a Box.

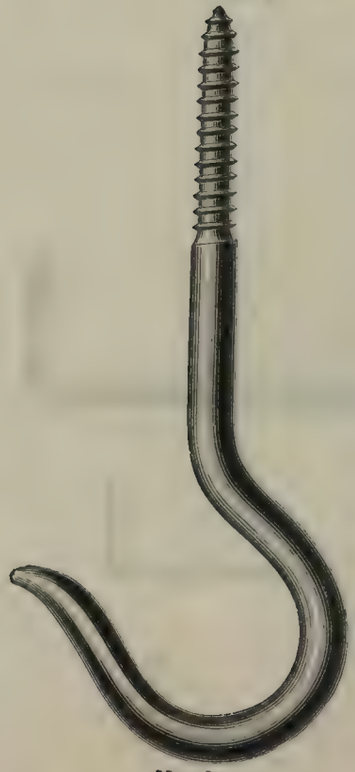
Wire Screw Hooks.

Discount on Application.

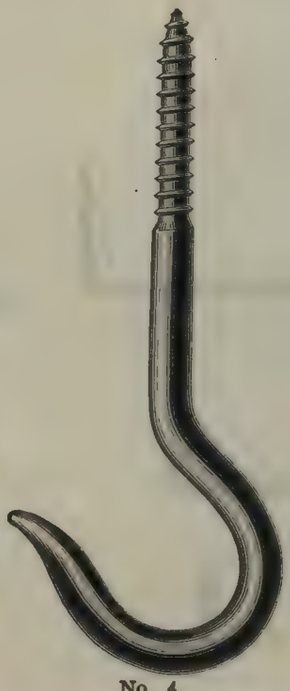
No. 0.

No. 1.

No. 2.



No. 3.



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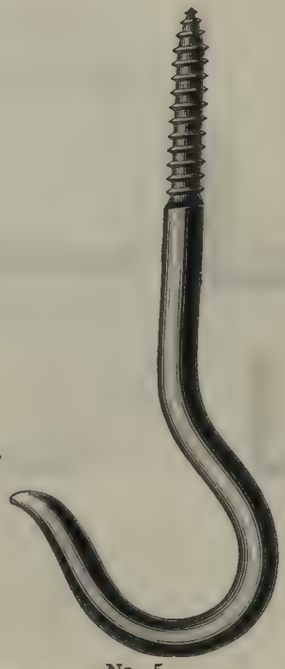

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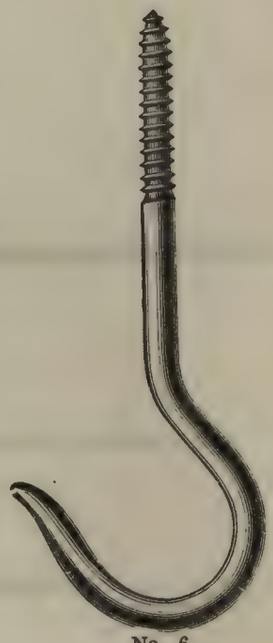


No. 6.

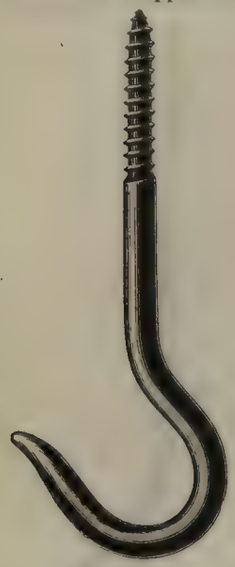
Bright Steel Wire.

Nos.	0	1	2	3	4	5	6
Weight Per Gross, About, Lbs.	20	16	13	11	8½	7	5½
Per Gross	$21.00	18.00	15.00	12.50	10.00	8.00	6.00

Nos. 0 to 5, One-half Gross; No. 6, One Gross in a Box.

Wire Screw Hooks.

Discount on Application. Cuts Full Size



No. 6½.

Nos. 7 and 1007.

Nos. 8 and 1008.

Nos. 9 and 1009.

Nos. 10 and 1010.

Nos. 11 and 1011.

Nos. 12 and 1012.

Nos. 13 and 1013.

Nos. 14 and 1014.

Bright Steel Wire.

Nos.	6½	7	8	9	10	11	12	13	14
Weight Per Gross, About, Lbs.	4¾	4	3	2	1½	1	¾	½	½
Per Gross	$5.30	4.50	4.00	3.50	3.00	2.80	2.50	2.30	2.00

Brass Wire.

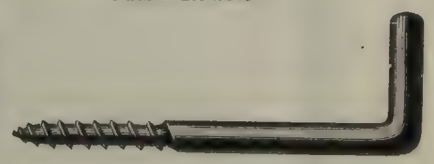
Nos.	1007	1008	1009	1010	1011	1012	1013	1014
Weight Per Gross, About, Lbs.	4	3	2	1½	1	¾	½	½
Per Gross	$21.00	15.00	12.00	10.00	8.00	6.50	5.00	4.00

One Gross in a Box.

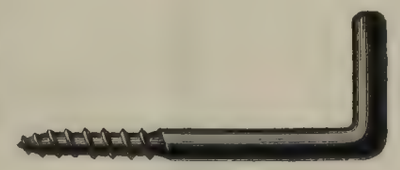
Square Screw Hooks.

Cuts Full Size

No. 106.



No. 107.



No. 108.

No. 109.

No. 110.

No. 111.

No. 112.

No. 113.

No. 114.

Bright Steel Wire.

Nos.	106	107	108	109	110	111	112	113	114
Weight Per Gross, About, Lbs.	3½	3	2½	2	1½	1	¾	½	½
Per Gross	$6.00	4.50	4.00	3.50	3.00	2.80	2.50	2.30	2.00

One Gross in a Box.

Wire Screw Eyes.

Cuts Full Size — **Discount on Application.**

No. 0.

No. 1.

No. 2.

No. 3.

Bright Steel Wire.

Nos.	0	1	2	3
Weight Per Gross, Lbs.	14	11	9	7½
Per Gross	$16.00	13.00	11.00	9.00

No. 4.

No. 5.

No. 6.

No. 7.

No. 8.

Bright Steel Wire.

Nos.	4	5	6	7	8
Weight Per Gross, Lbs.	5½	5	3½	2½	2
Per Gross	$7.00	5.80	4.50	3.80	3.30

Nos. 9 and 1009.

Nos. 10 and 1010.

Nos. 11 and 1011.

Nos. 12 and 1012.

Nos. 13 and 1013.

Nos. 14 and 1014.

No. 1214½.

Bright Steel Wire.

Nos.	9	10	11	12	13	14
Weight Per Gross, About, Lbs.	1¾	1¼	1	¾	½	½
Per Gross	$2.80	2.50	2.00	1.70	1.50	1.50

Brass Wire.

Nos.	1009	1010	1011	1012	1013	1014	1214½
Weight Per Gross, About, Lbs.	1¾	1½	1¼	1	¾	½	½
Per Gross	$10.00	9.00	7.00	5.50	4.50	3.50	3.50

One Gross in a Box.

Wire Screw Eyes.

Discount on Application. Cuts Full Size

No. 104.

No. 105.

No. 106.

No. 107.

No. 108.

Bright Steel Wire.

Nos.	104	105	106	107	108
Weight Per Gross, Lbs.	5	4	3¼	2½	2
Per Gross	$7.00	5.80	4.50	3.80	3.30

No. 109.

No. 110.

No. 111.

No. 112.

No. 113.

No. 114.

Bright Steel Wire.

Nos.	109	110	111	112	113	114
Weight Per Gross, Lbs.	1¾	1¼	1	¾	½	½
Per Gross	$2.80	2.50	2.00	1.70	1.50	1.50

No. 205.

No. 206.

No. 207.

No. 208.

No. 209.

No. 210.

No. 211.

No. 212.

No. 213.

No. 214.

No. 216½.

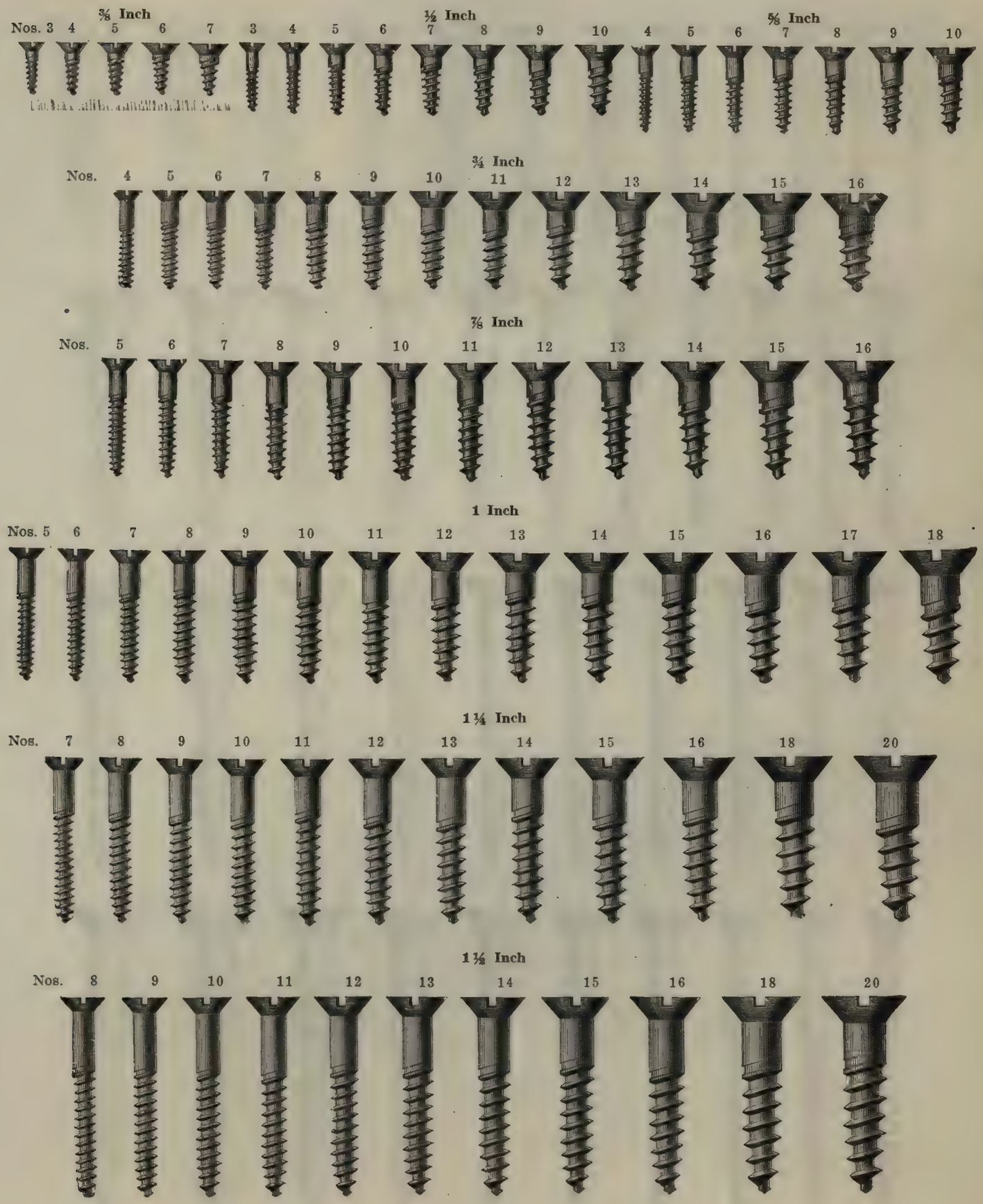
Bright Steel Wire.

Nos.	205	206	207	208	209	210	211	212	213	214	216	216½
Weight Per Gross, Lbs.	3½	2¾	2½	2	1¾	1½	1¼	1	¾	½	½	½
Per Gross	$5.80	4.50	3.80	3.30	2.80	2.50	2.00	1.70	1.50	1.50	1.50	1.50

One Gross in a Box.

Flat Head Screws.

Cuts Full Size



Flat Head Screws.

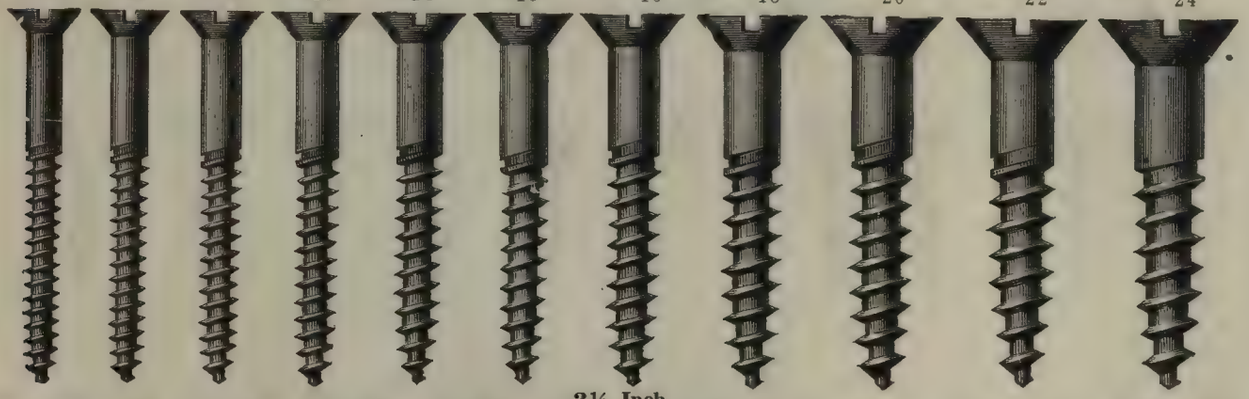
Cuts Full Size

1¾ Inch

Nos. 9 10 11 12 13 14 15 16 18 20 22 24

2 Inch

Nos. 10 11 12 13 14 15 16 18 20 22 24

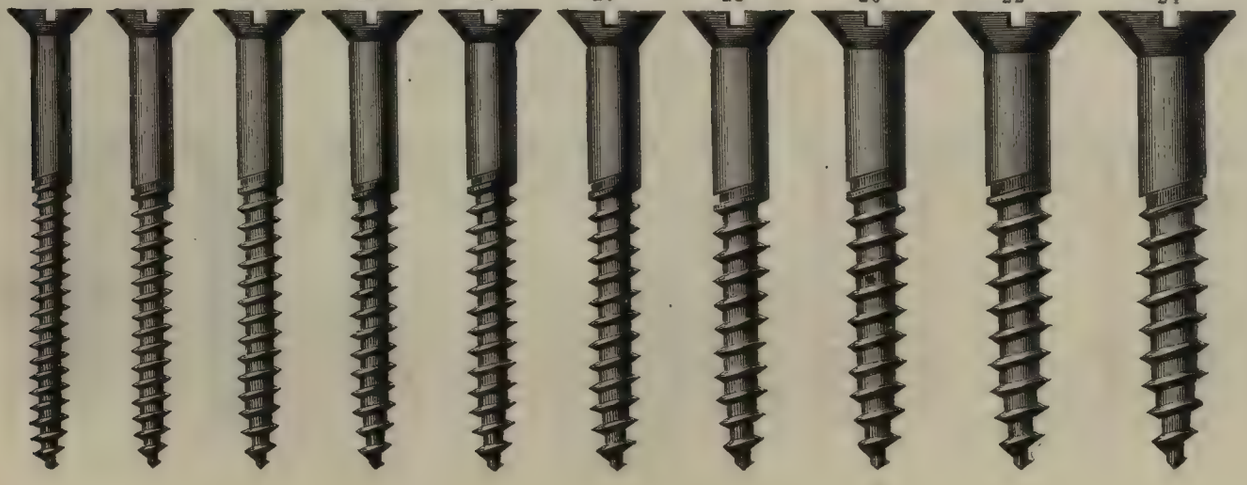


2¼ Inch

Nos. 12 13 14 15 16 17 18 20 22 24

2½ Inch

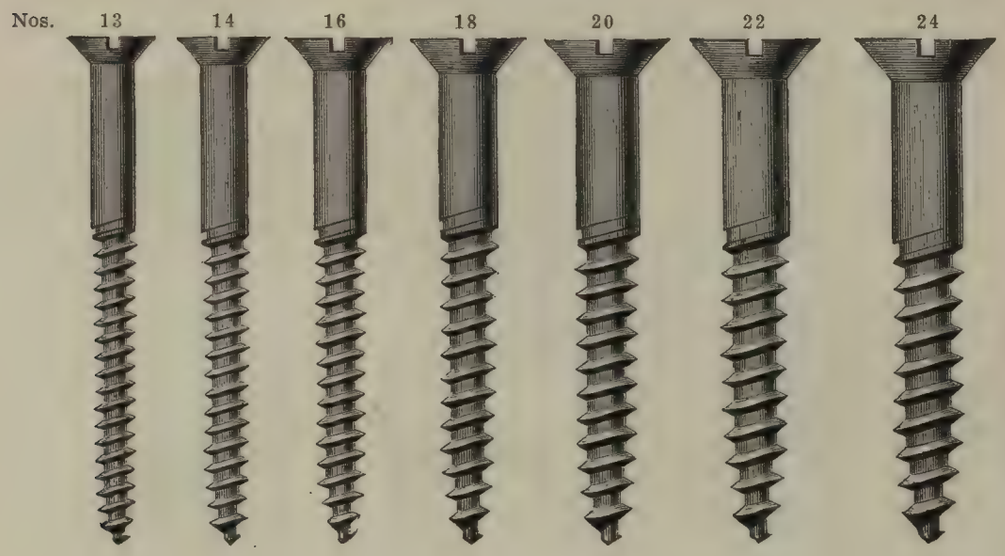
Nos. 12 13 14 15 16 17 18 20 22 24



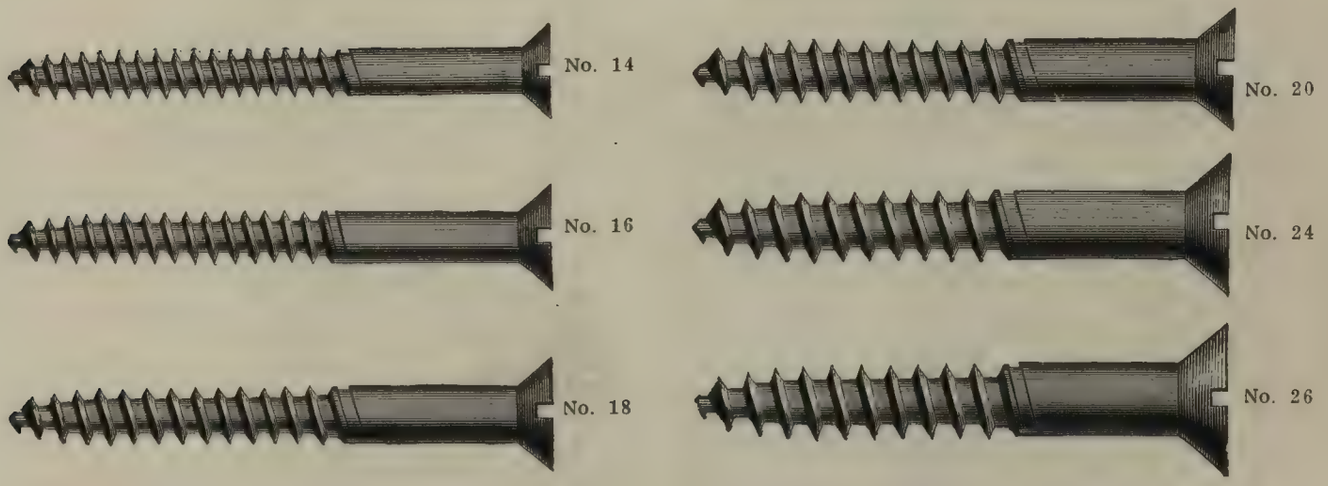
Flat Head Screws.

Cuts Full Size

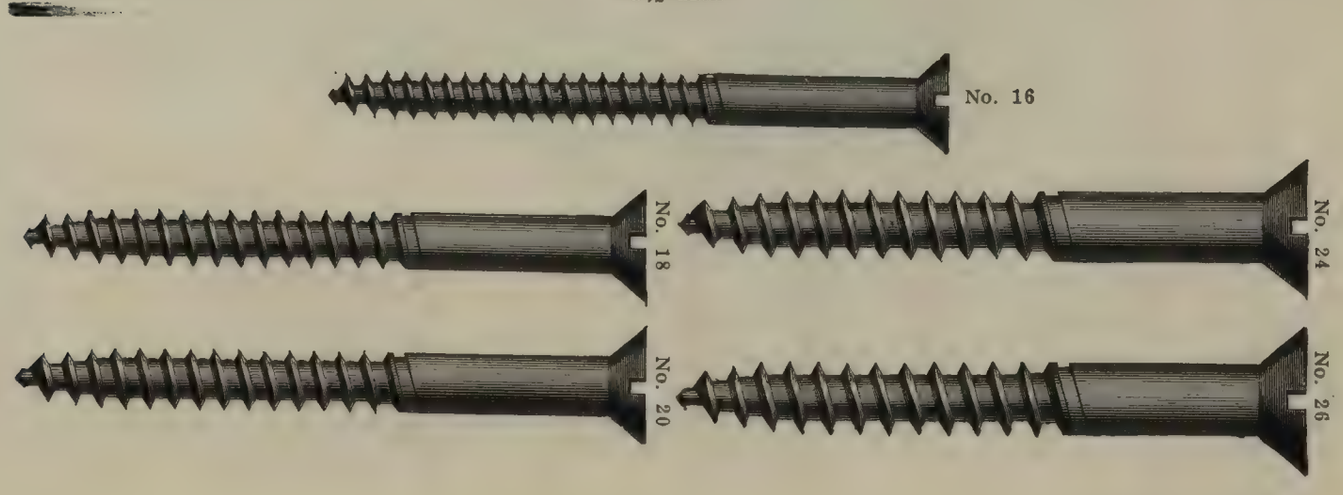
2¾ Inch



3 Inch



3½ Inch



Wood Screws.

Discount on Application.

Revised List July 22, 1903.

Revised List July 22, 1903.

FLAT HEAD, BRIGHT IRON

¼ Inch.

	Per Gross
No. 0	$0.72
No. 1	.72
No. 2	.72
No. 3	.72
No. 4	.72

⅜ Inch.

No. 0	$0.72
No. 1	.72
No. 2	.72
No. 3	.72
No. 4	.72
No. 5	.75
No. 6	.78
No. 7	.82
No. 8	.88
No. 9	.94

½ Inch.

No. 1	$0.72
No. 2	.72
No. 3	.72
No. 4	.75
No. 5	.78
No. 6	.80
No. 7	.84
No. 8	.90
No. 9	.96
No. 10	1.05
No. 11	1.10
No. 12	1.20

⅝ Inch.

No. 1	$0.72
No. 2	.72
No. 3	.72
No. 4	.75
No. 5	.78
No. 6	.82
No. 7	.86
No. 8	.92
No. 9	.98
No. 10	1.07
No. 11	1.12
No. 12	1.20
No. 13	1.25
No. 14	1.30

¾ Inch.

No. 2	$0.72
No. 3	.75
No. 4	.78
No. 5	.82
No. 6	.85
No. 7	.90
No. 8	.95
No. 9	1.00
No. 10	1.10
No. 11	1.15
No. 12	1.25
No. 13	1.35
No. 14	1.50
No. 15	1.65
No. 16	1.80

⅞ Inch.

No. 4	$0.82
No. 5	.85
No. 6	.90

⅞ Inch.

	Per Gross
No. 7	$0.94
No. 8	1.00
No. 9	1.05
No. 10	1.15
No. 11	1.25
No. 12	1.35
No. 13	1.45
No. 14	1.55
No. 15	1.75
No. 16	2.00

1 Inch.

No. 4	$0.84
No. 5	.87
No. 6	.92
No. 7	.98
No. 8	1.05
No. 9	1.10
No. 10	1.20
No. 11	1.30
No. 12	1.40
No. 13	1.60
No. 14	1.70
No. 15	2.00
No. 16	2.50
No. 17	2.70
No. 18	2.80
No. 20	3.50

1¼ Inch.

No. 4	$0.92
No. 5	.98
No. 6	1.05
No. 7	1.10
No. 8	1.15
No. 9	1.20
No. 10	1.30
No. 11	1.40
No. 12	1.55
No. 13	1.70
No. 14	1.90
No. 15	2.15
No. 16	2.50
No. 17	2.75
No. 18	3.30
No. 20	4.00

1½ Inch.

No. 4	$1.05
No. 5	1.10
No. 6	1.15
No. 7	1.20
No. 8	1.30
No. 9	1.35
No. 10	1.40
No. 11	1.50
No. 12	1.65
No. 13	1.80
No. 14	2.00
No. 15	2.35
No. 16	2.80
No. 17	3.20
No. 18	3.80
No. 20	4.30

1¾ Inch.

	Per Gross
No. 6	$1.35
No. 7	1.45
No. 8	1.50
No. 9	1.55
No. 10	1.60
No. 11	1.70
No. 12	1.80
No. 13	2.00
No. 14	2.25
No. 15	2.60
No. 16	2.90
No. 17	3.50
No. 18	4.00
No. 20	4.50
No. 22	5.20
No. 24	6.00

2 Inch.

No. 6	$1.50
No. 7	1.55
No. 8	1.60
No. 9	1.65
No. 10	1.75
No. 11	1.85
No. 12	2.00
No. 13	2.20
No. 14	2.45
No. 15	2.75
No. 16	3.10
No. 17	3.70
No. 18	4.20
No. 20	4.80
No. 22	5.50
No. 24	6.40

2¼ Inch.

No. 6	$1.60
No. 7	1.65
No. 8	1.75
No. 9	1.85
No. 10	1.95
No. 11	2.05
No. 12	2.20
No. 13	2.35
No. 14	2.65
No. 15	3.10
No. 16	3.50
No. 17	3.85
No. 18	4.55
No. 20	5.30
No. 22	6.10
No. 24	6.90

2½ Inch.

No. 7	$2.10
No. 8	2.20
No. 9	2.30
No. 10	2.40
No. 11	2.50
No. 12	2.60
No. 13	2.70
No. 14	2.90
No. 15	3.30
No. 16	3.65
No. 17	4.20
No. 18	4.70
No. 20	5.80
No. 22	6.70
No. 24	7.50

2¾ Inch.

	Per Gross
No. 12	$3.10
No. 13	3.20
No. 14	3.30
No. 15	3.60
No. 16	3.90
No. 17	4.50
No. 18	5.00
No. 20	6.10
No. 22	7.20
No. 24	8.50

3 Inch.

No. 10	$3.15
No. 11	3.20
No. 12	3.30
No. 13	3.40
No. 14	3.50
No. 15	3.80
No. 16	4.20
No. 17	4.80
No. 18	5.50
No. 20	6.50
No. 22	7.50
No. 24	8.70
No. 26	10.50

3½ Inch.

No. 10	$4.10
No. 11	4.20
No. 12	4.30
No. 13	4.40
No. 14	4.50
No. 15	4.75
No. 16	4.95
No. 17	5.40
No. 18	6.15
No. 20	7.30
No. 22	8.70
No. 24	10.20
No. 26	12.00

4 Inch.

No. 12	$5.40
No. 14	5.90
No. 16	6.50
No. 18	7.60
No. 20	8.60
No. 22	9.70
No. 24	11.20
No. 26	14.00

4½ Inch.

No. 14	$7.60
No. 16	8.15
No. 18	9.15
No. 20	9.85
No. 22	11.20
No. 24	13.50
No. 26	16.00

5 Inch.

No. 18	$11.00
No. 20	11.50
No. 22	13.00
No. 24	15.00
No. 26	18.00
No. 28	21.00

FLAT AND ROUND HEAD, BRASS

¼ Inch.

	Per Gross
No. 0	$0 84
No. 1	.84
No. 2	.88
No. 3	.92
No. 4	.97

⅜ Inch.

No. 0	$0.84
No. 1	.87
No. 2	.92
No. 3	.97
No. 4	1.04
No. 5	1.12
No. 6	1.20
No. 7	1.35

½ Inch.

No. 1	$0.92
No. 2	.96
No. 3	1.02
No. 4	1.08
No. 5	1.20
No. 6	1.30
No. 7	1.45
No. 8	1.65
No. 9	1.90
No. 10	2.15

⅝ Inch.

No. 2	$1.00
No. 3	1.08
No. 4	1.15
No. 5	1.30
No. 6	1.40
No. 7	1.60
No. 8	1.85
No. 9	2.10
No. 10	2.40
No. 11	2.65
No. 12	3.00

¾ Inch.

No. 2	$1.12
No. 3	1.18
No. 4	1.25
No. 5	1.40
No. 6	1.55
No. 7	1.75
No. 8	2 00
No. 9	2.30
No. 10	2.65
No. 11	3.00
No. 12	3.35
No. 13	3.70
No. 14	4.10
No. 15	4.55
No. 16	5.05

⅞ Inch.

No. 2	$1.40
No. 3	1.50
No. 4	1.55
No. 5	1.60
No. 6	1.65
No. 7	1.90
No. 8	2.20
No. 9	2.50
No. 10	2.90
No. 11	3.35
No. 12	3.70
No. 13	4.10

⅞ Inch.

	Per Gross
No. 14	$4.55
No. 15	5.05
No. 16	5.60

1 Inch.

No. 3	$1.65
No. 4	1.70
No. 5	1.75
No. 6	1.80
No. 7	2.10
No. 8	2.45
No. 9	2.80
No. 10	3.15
No. 11	3.65
No. 12	4.10
No. 13	4.55
No. 14	5.05
No. 15	5.60
No. 16	6.65
No. 18	7.40

1¼ Inch.

No. 3	$2.10
No. 4	2.20
No. 5	2.25
No. 6	2.35
No. 7	2.45
No. 8	2.85
No. 9	3.20
No. 10	3.50
No. 11	4.10
No. 12	4.65
No. 13	5.35
No. 14	5.85
No. 15	6.55
No. 16	7.20
No. 17	7.85
No. 18	9.35
No. 20	10.45

1½ Inch.

No. 4	$2.95
No. 5	3.05
No. 6	3.10
No. 7	3.20
No. 8	3.30
No. 9	3.65
No. 10	4.25
No. 11	4.65
No. 12	5.35
No. 13	5.95
No. 14	6.65
No. 15	7.60
No. 16	8.35
No. 17	9.15
No. 18	10.85
No. 20	12.65

1¾ Inch.

No. 6	$3.95
No. 7	4.00
No. 8	4.10
No. 9	4.20
No. 10	4.70
No. 11	5 35
No. 12	6.05
No. 13	6.70
No. 14	7.35
No. 15	8.65

1¾ Inch.

	Per Gross
No. 16	$ 9.50
No. 17	10.45
No. 18	12.40
No. 20	14.50
No. 22	16.85
No. 24	18.90

2 Inch.

No. 6	$ 5.15
No. 7	5.20
No. 8	5.25
No. 9	5.30
No. 10	5.40
No. 11	6.15
No. 12	6.85
No. 13	7.55
No. 14	8.45
No. 15	9.75
No. 16	10.70
No. 17	11.70
No. 18	13.90
No. 20	16.30
No. 22	18.90
No. 24	21.00

2¼ Inch.

No. 8	$ 6.85
No. 9	6.95
No. 10	7.05
No. 11	7.25
No. 12	7.90
No. 13	8.80
No. 14	9.80
No. 15	10.75
No. 16	11.90
No. 17	13.00
No. 18	15.40
No. 20	18.00
No. 22	20.95

2½ Inch.

No. 10	$ 9 50
No. 11	9.60
No. 12	9.70
No. 13	9.85
No. 14	10.75
No. 15	11.85
No. 16	13.00
No. 17	14.30
No. 18	16.95
No. 20	19.85
No. 22	23.00
No. 24	25.50

3 Inch.

No. 10	$13.70
No. 11	13.85
No. 12	14.00
No. 13	14.10
No. 14	14.30
No. 15	14.60
No. 16	15.40
No. 18	19.95
No. 20	23.40
No. 22	27.10
No. 24	31.15
No. 26	35.85

Wood Screws.

ROUND HEAD, BLUED

Revised List July 22, 1903.

Discount on Application.

¼ Inch.		½ Inch.		¾ Inch.		1 Inch.		1½ Inch.		1¾ Inch.		2¼ Inch.	
	Per Gross		Per Gross		Per Gross		Per Gross		Per Gross	No. 12—	$1.80		Per Gross
No. 2—	$0.72	No. 6—	$0.80	No. 7—	$0.90	No. 8—	$1.05	No. 5—	$1.10	No. 13—	2.00	No. 12—	$2.20
No. 3—	.72	No. 7—	.84	No. 8—	.95	No. 9—	1.10	No. 6—	1.15	No. 14—	2.25	No. 13—	2.35
No. 4—	.72	No. 8—	.90	No. 9—	1.00	No. 10—	1.20	No. 7—	1.20			No. 14—	2.65
⅜ Inch.		⅝ Inch.		No. 10—	1.10	No. 11—	1.30	No. 8—	1.30	2 Inch.			
No. 0—	$0.72	No. 2—	$0.72	⅞ Inch.		No. 12—	1.40	No. 9—	1.35			2½ Inch.	
No. 1—	.72	No. 3—	.72			No. 14—	1.70	No. 10—	1.40	No. 6—	$1.50		
No. 2—	.72	No. 4—	.75	No. 5—	$0.85			No. 11—	1.50	No. 7—	1.55	No. 8—	$2.20
No. 3—	.72	No. 5—	.78	No. 6—	.90	1¼ Inch.		No. 12—	1.65	No. 8—	1.60	No. 9—	2.30
No. 4—	.72	No. 6—	.82	No. 7—	.94			No. 13—	1.80	No. 9—	1.65	No. 10—	2.40
No. 5—	.75	No. 7—	.86	No. 8—	1.00	No. 5—	$0.98	No. 14—	2.00	No. 10—	1.75	No. 11—	2.50
No. 6—	.78	No. 8—	.92	No. 9—	1.05	No. 6—	1.05	No. 16—	2.80	No. 11—	1.85	No. 12—	2.60
No. 7—	.82			No. 10—	1.15	No. 7—	1.10			No. 12—	2.00	No. 13—	2.70
No. 8—	.88	¾ Inch.		No. 11—	1.25	No. 8—	1.15	1¾ Inch.		No. 14—	2.45	No. 14—	2.90
½ Inch.				No. 12—	1.35	No. 9—	1.20					No. 16—	3.65
		No. 2—	$0.72	1 Inch.		No. 10—	1.30	No. 6—	$1.35	2¼ Inch.			
No. 2—	$0.72	No. 3—	.75			No. 11—	1.40	No. 7—	1.45			3 Inch.	
No. 3—	.72	No. 4—	.78	No. 5—	$0.87	No. 12—	1.55	No. 8—	1.50				
No. 4—	.75	No. 5—	.82	No. 6—	.92	No. 13—	1.70	No. 9—	1.55	No. 8—	$1.75	No. 8—	$3.05
No. 5—	.78	No. 6—	.85	No. 7—	.98	No. 14—	1.90	No. 10—	1.60	No. 10—	1.95	No. 10—	3.15
						No. 15—	2.15	No. 11—	1.70	No. 11—	2.05	No. 12—	3.30
												No. 14—	3.50

FLAT HEAD, JAPANNED

Revised List July 22, 1903.

¾ Inch.		⅞ Inch.		1 Inch.		1¼ Inch.		1½ Inch.	
	Per Gross		Per Gross		Per Gross		Per Gross		Per Gross
No. 6—	$0.85	No. 7—	$0.94	No. 8—	$1.05	No. 8—	$1.15	No. 10—	$1.40
No. 7—	.90	No. 8—	1.00	No. 9—	1.10	No. 9—	1.20	No. 11—	1.50
No. 8—	.95	No. 9—	1.05	No. 10—	1.20	No. 10—	1.30	No. 12—	1.65
No. 9—	1.00	No. 10—	1.15	No. 11—	1.30	No. 11—	1.40	No. 13—	1.80
.....		.....		.....		No. 12—	1.55	No. 14—	2.00
.....		.....		.....		No. 13—	1.70	No. 15—	2.35

ROUND HEAD, NICKEL PLATED

Revised List July 22, 1903.

⅜ Inch.		⅝ Inch.		¾ Inch.		1 Inch.		1¼ Inch.		1½ Inch.		1¾ Inch.	
	Per Gross		Per Gross		Per Gross		Per Gross		Per Gross		Per Gross		Per Gross
No. 4—	$0.72	No. 4—	$0.75	No. 9—	$1.00	No. 6—	$0.92	No. 7—	$1.10	No. 8—	$1.30	No. 8—	$1.50
No. 5—	.75	No. 5—	.78	No. 10—	1.10	No. 7—	.98	No. 8—	1.15	No. 9—	1.35	No. 9—	1.55
		No. 6—	.82			No. 8—	1.05	No. 9—	1.20	No. 10—	1.40	No. 10—	1.60
½ Inch.		No. 7—	.86	⅞ Inch.		No. 9—	1.10	No. 10—	1.30	No. 11—	1.50	No. 11—	1.70
No. 3—	$0.72					No. 10—	1.20	No. 11—	1.40	No. 12—	1.65	No. 12—	1.80
No. 4—	.75	¾ Inch.		No. 5—	$0.85	No. 11—	1.30	No. 12—	1.55	No. 13—	1.80	No. 14—	2.25
No. 5—	.78			No. 6—	.90	No. 12—	1.40	.....	.....	No. 14—	2.00		
No. 6—	.80	No. 4—	$0.78	No. 7—	.94	.....	.....	.....	.....	.....	.....	2 Inch.	
No. 8—	.90	No. 5—	.82	No. 8—	1.00	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	No. 6—	.85	No. 9—	1.05	.....	.....	.....	.....	.....	.....	No. 10—	$1 75
.....	.....	No. 7—	.90	.....	.....	.....	.....	.....	.....	.....	.....	No. 11—	1.85
.....	.....	No. 8—	.95	.....	.....	.....	.....	.....	.....	.....	.....	No. 12—	2 00
												No. 14—	2.45

OVAL HEAD, BRASS

Revised List July 22, 1903.

⅝ Inch.		¾ Inch.		⅞ Inch.		1 Inch.		1¼ Inch.		1½ Gross.		2 Inch.	
	Per Gross.		Per Gross.		Per Gross.		Per Gross.		Per Gross.		Per Gross.		Per Gross.
No. 5—	$1.30	No. 6—	$1.55	No. 8—	$2.20	No. 6—	$1.80	No. 6—	$2.35	No. 9—	$3.65	No. 10—	$5.40
No. 6—	1.40	No. 7—	1.75	No. 9—	2.50	No. 7—	2.10	No. 8—	2.85	No. 10—	4.25	No. 12—	6.85
.....		No. 8—	2.00	No. 10—	2.90	No. 8—	2.45	No. 9—	3.20	No. 12—	5.35	.....	.....
.....		No. 9—	2.30	.....	.....	No. 9—	2.80	No. 10—	3.50	.....	.....	.....	.....
.....		No. 10—	2.65	.....	.....	No. 10—	3.15	No. 12—	4.65	.....	.....	.....	.....
.....		.....	.....	.....	.....	No. 12—	4.10	.....	.....	.....	.....	.....	.....

Approximate Weights of Wood Screws.

Approximate Weight per Gross.

¼ Inch.

No.	Lbs.
0	.0260
1	.0391
2	.0562
3	.0764
4	.0992

⅜ Inch.

No.	Lbs.
0	.0366
1	.0545
2	.0773
3	.1039
4	.1331
5	.1677
6	.2031
7	.2492
8	.3009
9	.3585

½ Inch.

No.	Lbs.
1	.0694
2	.0978
3	.1303
4	.1654
5	.2056
6	.2560
7	.3128
8	.3762
9	.4464
10	.5237
11	.6084
12	.7006

⅝ Inch.

No.	Lbs.
1	.0840
2	.1177
3	.1557
4	.1959
5	.2489
6	.3089
7	.3763
8	.4514
9	.5342
10	.6252
11	.7244
12	.8322
13	.9488
14	1.0744

¾ Inch.

No.	Lbs.
2	.1369
3	.1801
4	.2304
5	.2921
6	.3618
7	.4399
8	.5266
9	.6221
10	.7266
11	.8404
12	.9638
13	1.0969
14	1.2400
15	1.3934
16	1.5574

⅞ Inch.

No.	Lbs.
2	.1554
3	.2034
4	.2649
5	.3353
6	.4147
7	.5035
8	.6018
9	.7099
10	.8281
11	.9565
12	1.0954
13	1.2451
14	1.4057
15	1.5776
16	1.7610

1 Inch.

No.	Lbs.
3	.2302
4	.2994
5	.3785
6	.4676
7	.5671
8	.6770
9	.7978
10	.9295
11	1.0725
12	1.2270
13	1 3932
14	1.5714
15	1.7617
16	1.9647
17	2.1800
18	2.4084
20	2.9047

1¼ Inch.

No.	Lbs.
4	.3684
5	.4649
6	.5734
7	.6942
8	.8275
9	.9734
10	1.1324
11	1.3046
12	1.4902
13	1.6895
14	1.9027
15	2.1300
16	2.3720
17	2.6282
18	2.8994
20	3.4875
22	4.1378
24	4.8524

1½ Inch.

No.	Lbs.
4	.4374
5	.5514
6	.6792
7	.8213
8	.9779
9	1.1491
10	1.3353
11	1.5367
12	1.7534
13	1.9858
14	2.2340
15	2.4984
16	2.7793
17	3.0764
18	3.3905
20	4.0702
22	4.8200
24	5.6419

1¾ Inch.

No.	Lbs.
6	.7850
7	.9485
8	1.1283
9	1.3248
10	1.5382
11	1.7687
12	2.0166
13	2.2821
14	2.5653
15	2.8667
16	3.1865
17	3.5246
18	3.8816
20	4.6529
22	5.5022
24	6.4313

2 Inch.

No.	Lbs.
6	.8908
7	1.0756
8	1.2788
9	1.5005
10	1.7411
11	2.0008
12	2.2798
13	2.5784
14	2.8966
15	3.2350
16	3.5938
17	3.9728
18	4.3727
20	5.2356
22	6.1843
24	7.3208

2¼ Inch.

No.	Lbs.
8	1.4292
9	1.6762
10	1.9440
11	2.2329
12	2.5430
13	2.8747
14	3.2280
15	3.6034
16	4.0011
17	4.4210
18	4.8638
20	5.8183
22	6.8665
24	8.0103

2½ Inch.

No.	Lbs.
8	1.5796
9	1.8519
10	2.1469
11	2.4649
12	2.8062
13	3.1710
14	3.5593
15	3.9717
16	4.4084
17	4.8692
18	5.3549
20	6.4010
22	7.5487
24	8.7998

2¾ Inch.

No.	Lbs.
10	2.3498
11	2.6970
12	3.0694
13	3.4673
14	3.8906
15	4.3400
16	4.8157
17	5.3052
18	5.8460
20	6.9838
22	8.2309
24	9.5893
26	11.0607

3 Inch.

No.	Lbs.
10	2.5527
11	2.9291
12	3.3326
13	3.7636
14	4.2220
15	4.7084
16	5.2230
17	5.7656
18	6.3370
20	7.5665
22	8.9131
24	10.3787
26	11.9653

3½ Inch.

No.	Lbs.
10	2.9585
11	3.3932
12	3.8590
13	4.3561
14	4.8846
15	5.4450
16	6.0376
17	6.6620
18	7.3192
20	8.7319
22	10.2774
24	11.9577
26	13.7745

4 Inch.

No.	Lbs.
12	4.3854
14	5.5473
16	6.8522
18	8.3014
20	9.8973
22	11.6418
24	13.5366
26	15.5837

4½ Inch.

No.	Lbs.
16	7.6667
18	9.2836
20	11.0628
22	13.0061
24	15.1156
26	17.3929

5 Inch.

No.	Lbs.
18	10.2657
20	12.2282
22	14.3705
24	16.6945
26	19.2021
28	21.8952

6 Inch.

No.	Lbs.
20	14.5590
22	17.0992
24	19.8525
26	22.8205
28	26.0054
30	29.4091

For weight of Brass Screws, add 7⅛ per cent. to these weights.

Contents (Number of Gross) and Approximate Gross Weight of Full Cases.
Revised June, 1907.

¼ Inch.

No.	Gro.	Lbs.
2	360	28
3	360	36
4	360	45

⅜ Inch.

No.	Gro.	Lbs.
2	360	36
3	360	47
4	360	58
5	360	75
6	300	74
7	200	61
8	200	71

½ Inch.

No.	Gro.	Lbs.
2	360	48
3	360	59
4	360	74
5	300	75
6	200	64
7	200	75
8	200	91
9	200	105
10	200	120
11	200	145
12	200	160

⅝ Inch.

No.	Gro.	Lbs.
3	360	70
4	300	72
5	200	62
6	200	74
7	200	93
8	200	110
9	200	125
10	200	135
11	200	165
12	200	190

¾ Inch.

No.	Gro.	Lbs.
3	300	67
4	200	59
5	200	72
6	200	86
7	200	105
8	200	120
9	200	150
10	200	170
11	200	190
12	200	215
13	200	250
14	200	280
15	200	315
16	200	345

⅞ Inch.

No.	Gro.	Lbs.
4	200	65
5	200	83
6	200	100
7	200	125
8	200	140
9	200	165
10	200	190
11	200	225
12	200	250
13	200	280
14	180	290
15	180	325
16	180	355

1 Inch.

No.	Gro.	Lbs.
4	200	73
5	200	98
6	200	115
7	200	135
8	200	160
9	200	185
10	200	220
11	200	250
12	200	280
13	200	320
14	200	355
15	120	245
16	120	270
17	100	250
18	100	280
20	100	325

1¼ Inch.

No.	Gro.	Lbs.
4	200	96
5	200	115
6	200	140
7	200	165
8	200	200
9	200	225
10	200	265
11	200	300
12	120	210
13	120	235
14	100	220
15	100	250
16	100	275
17	100	300
18	100	325
20	90	350

1½ Inch.

No.	Gro.	Lbs.
4	200	110
5	200	135
6	200	170
7	200	200
8	200	230
9	180	245
10	180	280
11	100	185
12	100	205
13	100	235
14	100	260
15	90	260
16	90	285
17	60	215
18	60	235
20	60	280

1¾ Inch.

No.	Gro.	Lbs.
6	200	190
7	180	210
8	180	240
9	100	160
10	100	185
11	100	215
12	100	240
13	90	240
14	90	265
15	60	205
16	60	220
17	60	250
18	60	265
20	60	315

2 Inch.

No.	Gro.	Lbs.
6	180	200
7	180	230
8	100	160
9	100	185
10	100	210
11	100	235
12	90	240
13	90	270
14	60	205
15	60	230
16	60	250
17	60	275
18	60	300
20	40	240
22	40	280
24	40	320

2¼ Inch.

No.	Gro.	Lbs.
8	100	180
9	100	205
10	90	210
11	90	235
12	60	185
13	60	205
14	60	230
15	60	255
16	60	280
17	48	245
18	48	270
20	40	270
22	40	310
24	30	270

2½ Inch.

No.	Gro.	Lbs.
8	90	180
9	90	200
10	90	230
11	60	180
12	60	205
13	60	230
14	60	250
15	60	275
16	60	300
17	60	330
18	40	250
20	40	290
22	30	255
24	30	295

2¾ Inch.

No.	Gro.	Lbs.
10	90	245
11	90	275
12	60	215
13	60	240
14	60	270
15	60	295
16	60	330
17	40	250
18	40	270
20	40	310
22	30	285
24	30	325

3 Inch.

No.	Gro.	Lbs.
10	90	265
11	90	300
12	60	235
13	60	260
14	60	290
15	60	320
16	48	285
17	48	310
18	30	225
20	30	260
22	30	305
24	30	350

3½ Inch.

No.	Gro.	Lbs.
10	50	175
11	50	200
12	50	230
13	50	255
14	45	255
15	45	280
16	45	310
17	30	235
18	30	255
20	30	295
22	20	240
24	20	270
26	20	310

4 Inch.

No.	Gro.	Lbs.
12	45	235
14	30	200
16	30	240
18	30	290
20	20	235
22	20	270
24	20	305
26	15	265

4½ Inch.

No.	Gro.	Lbs.
16	30	265
18	20	220
20	20	255

5 Inch.

No.	Gro.	Lbs.
18	20	240
20	20	275
22	15	245

Brass Escutcheon Pins.

Discount on Application.

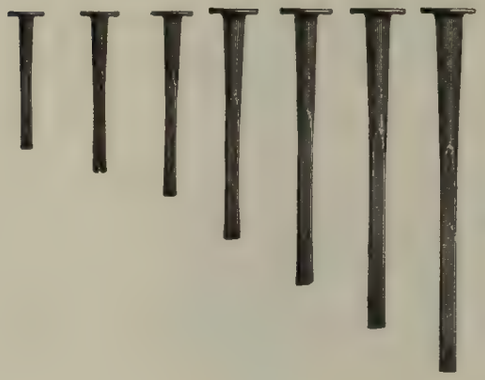
Nos.		14	15	16	17	18	19	20
⅜ in.	Per Lb.,	$....	...	...	...	1.00	1.15	1.25
½ in.	Per Lb.,	....	...	...	...	.96	1.10	1.20
⅝ in.	Per Lb.,	....	.77	.80	.87	.94	1.05	....
¾ in.	Per Lb.,	.75	.76	.78	.85	.92	....	....
⅞ in.	Per Lb.,	.74	.75	.76	.83	....	....	....
1 in.	Per Lb.,	.73	.74	.75	.81	....	....	....

One Pound in a Box.

Clout Nails.

Discount on Application.

¾ in. ⅞ in. 1 in. 1¼ in. 1½ in. 1¾ in. 2 in.



Black, in Half Pound Papers.

Length, Inches.	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Pound....	$0.16	.15½	.15	.14	.13½	.13½	.13½	.13½	.13½

Black, in One Pound Papers.

Length, Inches.	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Pound....	$0.15	.14½	.14	.13	.12½	.12½	.12½	.12½	.12½

Black, in Bulk, Twenty-five Pounds in a Box.

Length, Inches.....	⅝	¾	⅞	1	1¼	1½
Per Pound.....	$0.13½	.13	.12	.11½	.11½	.11½

Tinned, in One Pound Papers.

Length, Inches.	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Pound....	$0.18	.17½	.17	.16	.15½	.15½	.15½	.15½	.15½

COPPER, in One Pound Papers.

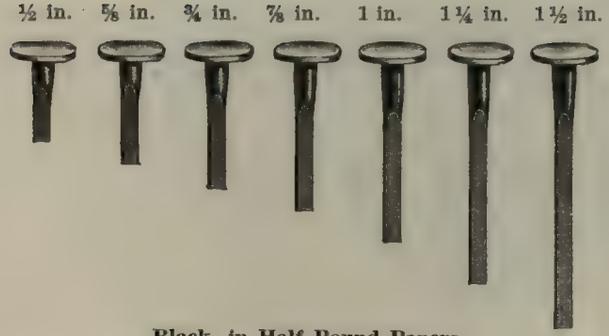
Length, Inches.....	½	⅝	¾	⅞	1	1¼	1½
Per Pound	$0.65	.65	.62	.62	.60	.60	.60

Canvas and Trunk Nails.

Discount on Application.

CANVAS

½ in. ⅝ in. ¾ in. ⅞ in. 1 in. 1¼ in. 1½ in.



Black, in Half Pound Papers.

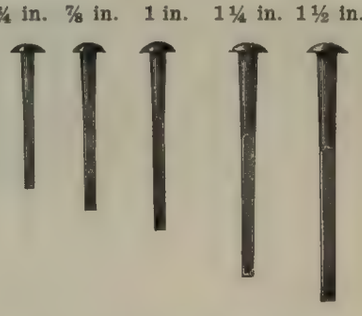
Length, In..	½	⅝	¾	⅞	1	1¼	1½
Per Pound..	$0.16	.15½	.15	.14	.13½	.13½	.13½

Black, in Bulk, Twenty-five Pounds in a Box.

Length, Inches.....	⅞	1	1¼	1½
Per Pound	$0.12	.11½	.11½	.11½

TRUNK

¾ in. ⅞ in. 1 in. 1¼ in. 1½ in.



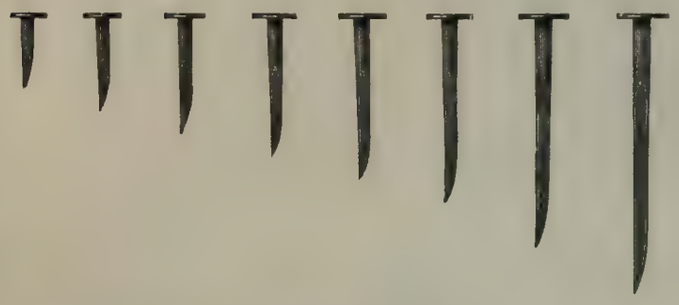
Tinned, in One Pound Papers.

Length, Inches..	⅝	¾	⅞	1	1¼	1½
Per Pound.....	$0.17½	.17	.16	.15½	.15½	.15½

Tinned, in Bulk, Twenty-five Pounds in a Box.

Length, Inches.....	¾	⅞	1	1¼	1½
Per Pound.....	$0.16	.15	.14½	.14½	.14½

Copper Tacks.



In One Pound Packages.

Length, Inches	⅜	½	⅝	¾	⅞	1	1¼	1½
Per Pound	$0.71	.66	.66	.66	.66	.66	.66	.66

Carpet Tacks.

Discount on Application.

American, Tinned, Flat Head, Two Ounce Papers.

Nos.	4	6	8	10	12	14	16
Per Dozen Papers	$0.36	.34	.33	.32	.31	.31	.31

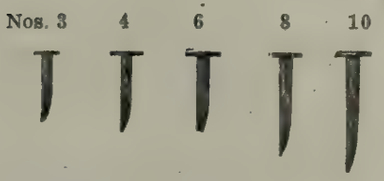
American, Tinned, Flat Head, Four Ounce Papers.

Nos.	4	6	8	10	12	14	16
Per Dozen Papers	$0.66	.62	.59	.57	.56	.56	.56

One Dozen Papers in a Package.

Carpet Tacks.

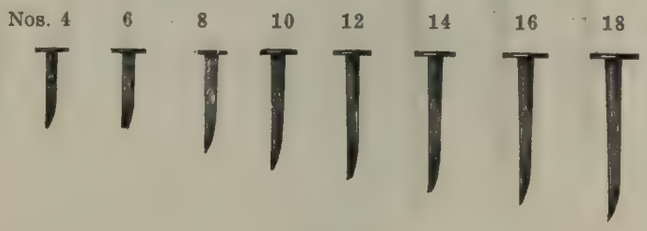
Discount on Application.



Swedes, Tinned, Flat Head, in Bulk, Twenty-five Pounds in a Box.

Nos.	3	4	6	8	10
Per Pound	$0.20½	.18½	.17	.16	.15½

Twenty-five Pounds in a Box.



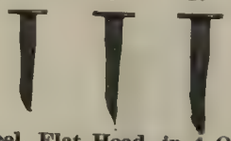
Swedes, Blued, Flat Head, Four Ounce Papers.

Nos.	4	6	8	10	12	14	16	18
Per Dozen Papers	$0.57	.54	.51	.50	.48	.48	.48	.48

One Dozen Papers in a Package.

Carpet Tacks.

Nos. 6 8 10



Blued Steel, Flat Head, in 4 Oz. Papers.

Nos.	6	8	10	12
Per Dozen Papers	$0.53	.50	.48	.47

Coppered Steel, Flat Head, in 4 Oz. Papers.

Nos.	6	8	10
Per Dozen Papers	$0.62	.59	.57

One Dozen Papers in a Package.

Wire Carpet Tacks.

Nos. 6 8 10 12

Discount on Application.

Polished Steel, Flat Head, Four Ounce Papers.

Nos.	4	6	8	10	12
Per Dozen Papers	$0.56	.53	.50	.48	.47

Tinned Steel, Flat Head, Four Ounce Papers.

Nos.	4	6	8	10	12
Per Dozen Papers	$0.66	.62	.59	.57	.56

One Dozen Papers in a Package.

Blued Steel, Flat Head, in Bulk, 100 Pounds in a Keg.

Nos.	3	4	6	8	10	12	14
Per Pound	$0.15	.13½	.12½	.11½	.11	.10½	.10½

Double Pointed Tacks.

No. 9 No. 10. No. 11. No. 12. No. 14.

Blued Wire.

Nos.	9	10	11	12	14
Per Dozen Papers	$1.20	1.30	1.40	1.95	2.20

Tinned Wire.

Nos.	9	10	11	12	14
Per Dozen Papers	$1.55	1.65	1.80	2.50	2.80

One Dozen Papers in a Package.

Blued Wire, in Bulk.

No.	10
Per Pound	$0.42

Tinned Wire, in Bulk.

No.	10
Per Pound	$0.57

Wire Cloth Staples.

Per Dozen Papers

No. 5—Flat Steel Wire, Blued, ⅜x⅜ in., 120 Staples in a Paper $1.20

One Dozen Papers in a Package.

Per Pound

No. 5—Flat Steel Wire, Blued, ⅜x⅜ in., in Bulk $0.52

Five Pounds in a Box.

Carpet Tack Assortments.

OUR STANDARD.

Per Case

No. 5—Bright Steel, Flat Head, Assorted Nos. 6, 8 and 10 in ¼ Lb. Papers $4.50

Case Contains 100 Papers, Assorted as Follows:

Nos.	6	8	10
Papers,	20	50	30

BADGER STATE

Per Case

No. 50—Coppered Steel, Flat Head, Needle Point, Assorted Nos. 6, 8 and 10, 500 Tacks in a Paper .. $4.25

Case Contains 72 Papers, Assorted as Follows:

Nos.	6	8	10
Papers,	12	48	12

Per Case

No. 55—Coppered Steel, Flat Head, Needle Point, Assorted Nos. 8 and 10, 500 Tacks in a Paper ... $4.25

Case Contains 72 Papers, Assorted as Follows:

Nos.	8	10
Papers,	48	24

PLYMOUTH ROCK

Per Case

No. 1—Tinned Steel, Flat Head, Assorted Nos. 6, 8 and 10, in 4 Oz. Papers $7.25

No. 2—Coppered Steel, Flat Head, Assorted Nos. 6, 8 and 10, in 4 Oz. Papers 7.25

No. 10—Tinned Steel, Flat Head, Assorted Nos. 8 and 10, in 4 Oz. Papers 7.25

No. 20—Coppered Steel, Flat Head, Assorted Nos. 8 and 10, in 4 Oz. Papers 7.25

Cases Nos. 1 and 2 Contain 144 Papers, Assorted as Follows:

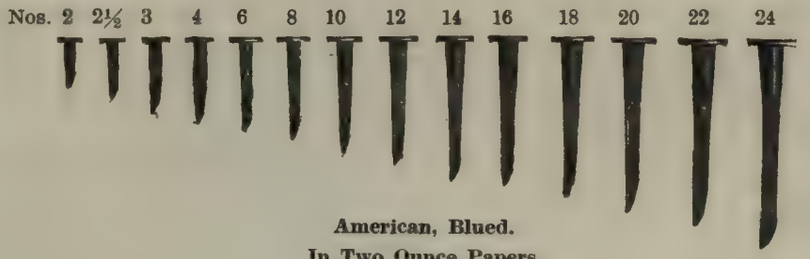
Nos.	6	8	10
Papers,	24	72	48

Cases Nos. 10 and 20 Contain 144 Papers, Assorted as Follows:

Nos.	8	10
Papers,	84	60

Cut Tacks.

Discount on Application.



American, Blued.

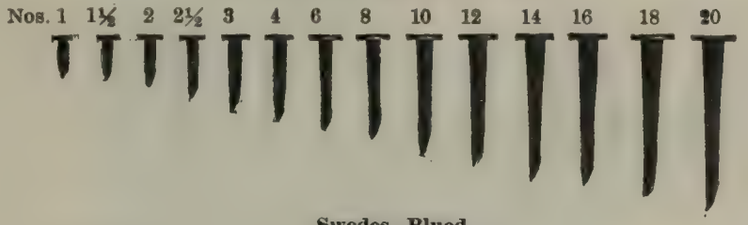
In Two Ounce Papers.

Nos.	2	2½	3	4
Per Dozen Papers	$0.44	.39	.35	.32

In Four Ounce Papers.

Nos.	6	8	10	12	14	16	18	20	22	24
Per Dozen Papers	$0.56	.53	.51	.50	.50	.50	.50	.50	.50	.50

One Dozen Papers in a Package.



Swedes, Blued.

In Two Ounce Papers.

Nos.	1	1½	2	2½	3	4
Per Dozen Papers	$0.80	.65	.50	.44	.40	.35

In Four Ounce Papers.

Nos.	6	8	10	12	14	16	18	20
Per Dozen Papers	$0.60	.57	.56	.54	.54	.54	.54	.54

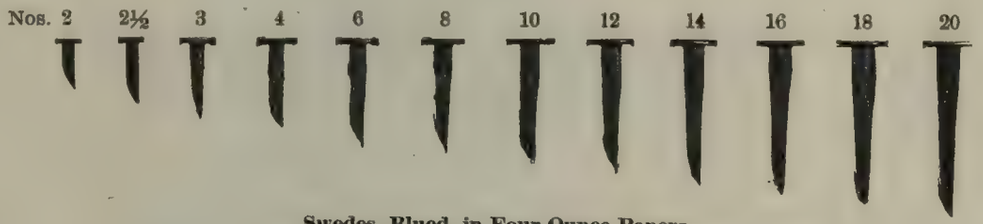
One Dozen Papers in a Package.

In Bulk, Five Pounds in a Box.

Nos.	1	1½	2	2½	3	4	6	8	10	12	14	16
Per Pound	$0.48	.38	.28	.24½	.21½	.18	.17	.16	.15½	.15	.15	.15

Upholsterers' Tacks.

Discount on Application.



Swedes, Blued, in Four Ounce Papers.

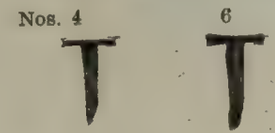
Nos.	2	2½	3	4	6	8	10	12	14	16	18	20
Per Dozen Papers	$0.80	.70	.62	.57	.54	.51	.50	.48	.48	.48	.48	.48

One Dozen Papers in a Package.

Swedes, Blued, in Bulk, 25 Pounds in a Box.

Nos.	2	2½	3	4	6	8	10	12	14	16	18
Per Pound	$0.22½	.19½	.16½	.15	.14	.13	.12½	.12	.12	.12	.12

Bill Posters' Tacks.



Discount on Application.

Swedes, Blued, in One Pound Packages.

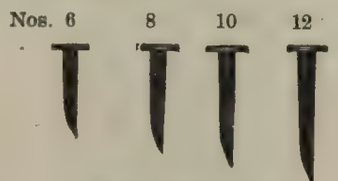
Nos.	3	4	6	8	10
Per Pound	$0.16½	.15	.14	.13	.12½

Swedes, Blued, in Bulk.

Nos.	3	4	6	8	10
Per Pound	$0.14½	.13	.12	.11	.10½

One Hundred Pounds in a Keg.

Cheese Box Tacks.

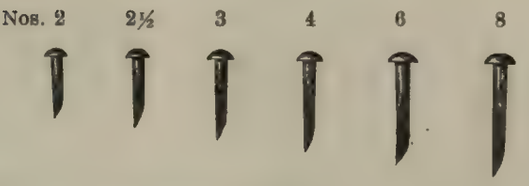


Swedes, Blued, in Bulk.

Nos.	6	8	10	12
Per Pound	$0.14	.13	.12½	.12

Twenty-five Pounds in a Box.

Gimp Tacks.



Discount on Application.

Swedes, Blued, in Two Ounce Papers.

Nos.	2	2½	3	4
Per Dozen Papers	$0.48	.43	.38	.33

Swedes, Blued, in Four Ounce Papers.

Nos.	6	8	10	12
Per Dozen Papers	$0.57	.54	.53	.51

Swedes, Tinned, in Two Ounce Papers.

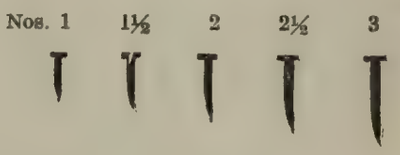
Nos.	2	2½	3	4
Per Dozen Papers	$0.59	.50	.44	.38

Swedes, Tinned, in Four Ounce Papers.

Nos.	6	8	10	12
Per Dozen Papers	$0.66	.63	.62	.60

One Dozen Papers in a Package.

Shoe Tacks.

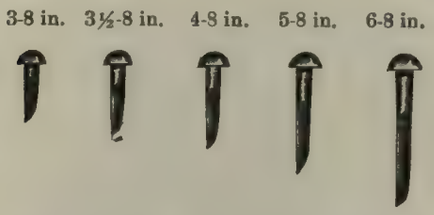


Iron, Needle Point, in Half Pound Papers.

Nos.	1	1½	2	2½	3
Per Pound	$0.30	.28	.23	.20	.18

Open Stock.

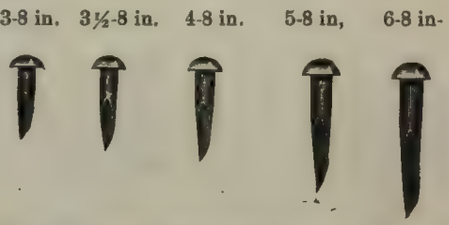
Hungarian Nails.



American, Blued, Round Head, Light, in Quarter Pound Papers.

Length, Inches	3–8	3½–8	4–8	5–8	6–8
Per Dozen Papers	$0.45	.40	.40	.40	.40

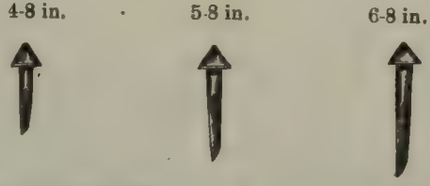
One Dozen Papers in a Package.



American, Blued, Round Head, Stout, in Quarter Pound Papers.

Length, Inches	3–8	3½–8	4–8	5–8	6–8
Per Dozen Papers	$0.45	.40	.40	.40	.40

One Dozen Papers in a Package.



No. 12—American, Blued, Cone Head, Heavy, in Half Pound Papers.

Length, Inches	3–8	3½–8	4–8	5–8	6–8
Per Dozen Papers	$1.00	.90	.90	.90	.90

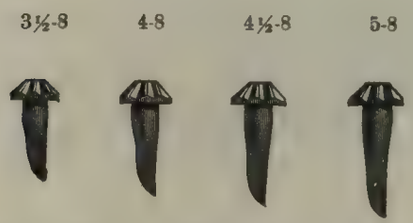
One Dozen Papers in a Package.

No. 13—American, Blued, Cone Head, Medium, in Half Pound Papers.

Length, Inches	3–8	3½–8	4–8	5–8	6–8
Per Dozen Papers	$1.00	.90	.90	.90	.90

One Dozen Papers in a Package.

Hob Nails.

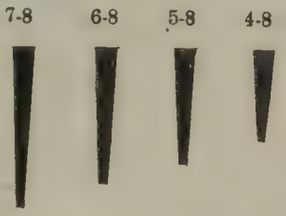


Grooved Head, in Half Pound Papers.

Length, Inches	3½–8	4–8	4½–8	5–8
Per Pound	$0.16	.16	.16	.16

One Dozen Papers in a Package.

Shoe Nails.

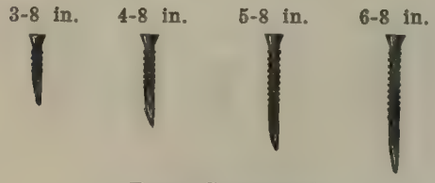


Common Iron, 13 Gauge, in One Pound Papers.

Length, Inches	4–8	5–8	6–8	7–8
Per Pound	$0.10	.10	.10	.10

One Dozen Papers in a Package.

Shoe Nails.



Brass, Corrugated.

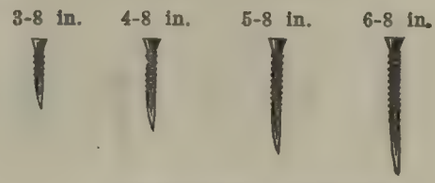
Countersunk Head, Tack Point.

In Quarter Pound Papers.

Length, Inches	3–8	3½–8	4–8	4½–8
Per Dozen Papers	$1.70	1.70	1.70	1.70
Length, Inches	5–8	5½–8	6–8	7–8
Per Dozen Papers	$1.70	1.70	1.70	1.70

In 2 Oz. Papers.

Length, Inches	3–8	4–8	5–8	6–8	7–8
Per Dozen Papers	$0.90	.90	.90	.90	.90

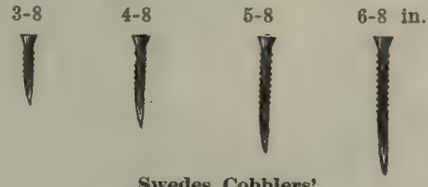


Brass Plated, Corrugated.

Countersunk Head, Tack Point.

In Quarter Pound Papers.

Length, Inches	3–8	3½–8	4–8	4½–8
Per Dozen Papers	$0.54	.54	.54	.54
Length, Inches	5–8	5½–8	6–8	7–8
Per Dozen Papers	$0.54	.54	.54	.54



Swedes Cobblers'.

Tack Point, in Quarter-Pound Papers.

Length, Inches	3–8	3½–8	4–8	4½–8	5–8	5½–8	6–8	7–8
Per Dozen Papers	$0.45	.45	.45	.45	.45	.45	.45	.45

One Dozen Papers in a Package.

Barbed Blind Staples.

Coppered.

Length, Inches	⅜	½	⅝	¾	⅞
Per Pound	$0.16	.15	.15	.15	.15

Bed Spring Staples.

Coppered.

Length, Inches		½	⅞
Plain	Per Pound,	$0.17	.15
Barbed	Per Pound,	....	.15

Ten Pounds in a Box.

Poultry Netting Staples.

Galvanized, No. 14 Wire.

Inches	¾	⅞	1
In 10 Lb. Boxes, Per Pound,	$0.09	...	...
In 100 Lb. Kegs, Per Pound,	.08	.08	.08

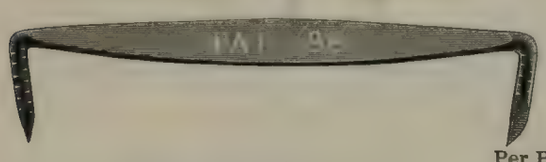
Hoop or Keg Staples.

Coppered.

Inches	$\frac{3}{16}$ x ⅝	½ x ¾
Per Pound	$0.13	.13

Ten Pounds in a Box.

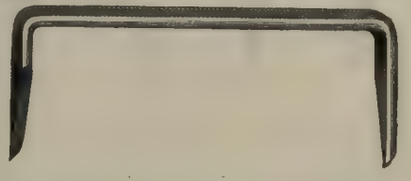
Butter Tub Staples.



Per Pound

No. 10—Acme Flexible, Coppered, 2¾ x ½ in. $0.33

Twenty-five Pounds in a Box.



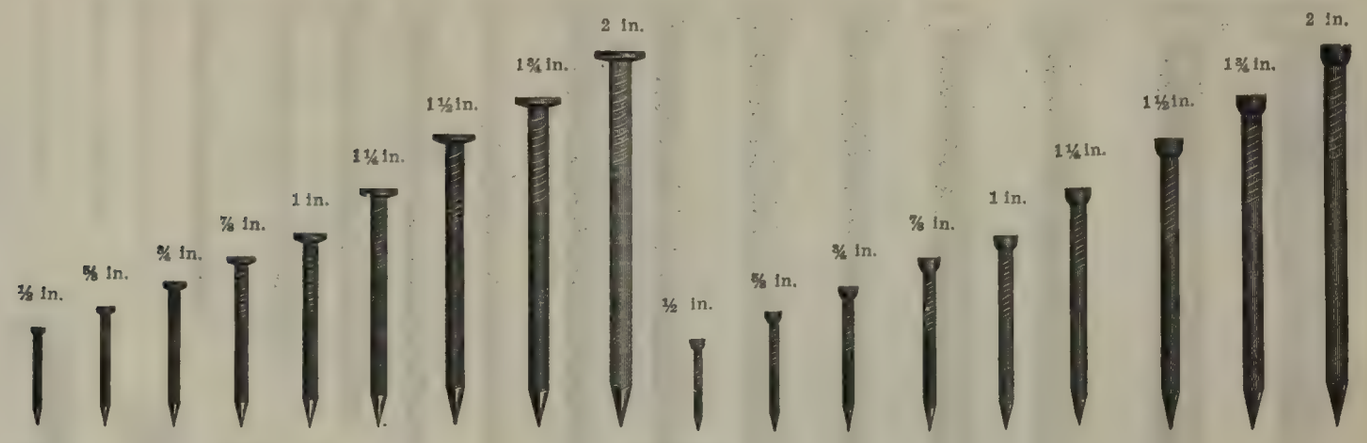
Per Pound

No. 15—Flat Steel Wire, Coppered, 2 x ¾ in. $0.12

Twenty-five Pounds in a Box.

Steel Wire Nails and Brads.

Write for Market Prices.



In Quarter Pound Papers.

Length, Inches	¼	⅝	¾		⅞	1		1¼		1½
Gauge, No.	20	19	17	18	17	16	17	16	17	15
Per Pound	$0.93	.73	.54	.60	.51	.44	.48	.42	.47	.39

In Half Pound Papers.

Length, Inches	¾		⅞	1		1¼		1½	1¾	2
Gauge, No.	17	18	17	16	17	16	17	15	14	13
Per Pound	$0.50	.56	.47	.40	.44	.38	.43	.35	.33	.32

In One Pound Papers.

Length, Inches	¼	⅜	½			⅝			¾			
Gauge, No.	20	20	18	19	20	18	19	20	16	17	18	19
Per Pound	$1.25	1.00	.65	.75	.85	.58	.65	.75	.43	.46	.52	.60

Length, Inches	⅞			1					1¼				
Gauge, No.	16	17	18	14	15	16	17	18	14	15	16	17	18
Per Pound	$0.39	.43	.45	.32	.33	.36	.40	.43	.31	.32	.34	.39	.43

Length, Inches	1½				1¾			2		2½		
Gauge, No.	14	15	16	17	13	14	15	13	14	11	12	13
Per Pound	$0.30	.31	.33	.38	.28	.29	.30	.28	.29	.27	.27	.28

Steel Wire Brads.

In 25 Pound Boxes.

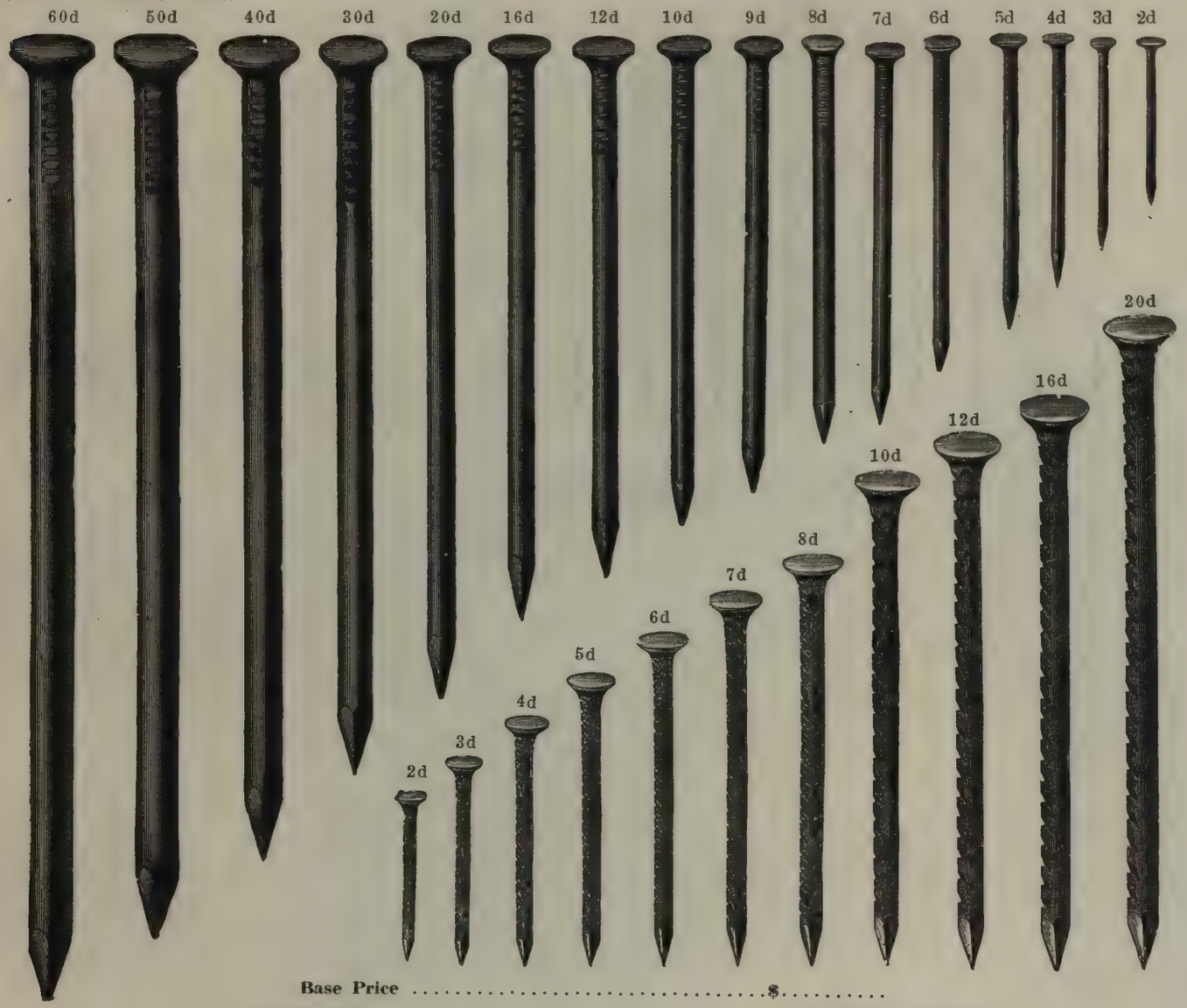
Length, Inches	⅝		¾			⅞			1		
Gauge, No.	18	19	16	17	18	16	17	18	16	17	18
Per Pound	$0.57	.64	.42	.45	.51	.38	.42	.44	.35	.39	.42

Length, Inches	1¼			1½					1¾			
Gauge, No.	15	16	17	13	14	15	16	17	14	15	16	17
Per Pound	$0.31	.33	.38	.28	.29	.30	.32	.37	.28	.29	.31	.37

Length, Inches	2			2¼		2½			3			
Gauge, No.	12	13	14	13	14	12	13	14	10	11	12	13
Per Pound	$0.27	.27	.28	.27	.28	.26	.27	.28	.24	.25	.26	.27

Standard Steel Wire Nails.

Write for Market Prices.



Base Price .....$.....

COMMON **BARBED COMMON**

Size	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	**Polished,** Advance Over Base.	**Galvanized,** Advance Over Base.	Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
2d	1	15	876	$0.70	.....	**2d**	1	15	876	$0.85
3d	1¼	14	568	.45	$1.55	**3d**	1¼	14	568	.60
4d	1½	12½	316	.30	1.40	**4d**	1½	12½	316	.45
5d	1¾	12½	271	.30	1.40	**5d**	1¾	12½	271	.45
6d	2	11½	181	.20	1.30	**6d**	2	11½	181	.35
7d	2¼	11½	161	.20	1.30	**7d**	2¼	11½	161	.35
8d	2½	10¼	106	.10	1.20	**8d**	2½	10¼	106	.25
9d	2¾	10¼	96	.10	.....	**10d**	3	9	69	.20
10d	3	9	69	.05	1.15	**12d**	3¼	9	63	.20
12d	3¼	9	63	.05	.....	**16d**	3½	8	49	.20
16d	3½	8	49	.05	.....	**20d**	4	6	31	.15
20d	4	6	31	Base	1.10					
30d	4½	5	24	Base	1.10					
40d	5	4	18	Base	1.10					
50d	5½	3	14	Base	.....					
60d	6	2	11	Base	1.10					

The Approximate Number to the Pound as given in above Table is an average only, and the figures may vary either way, by changes in the Dimensions of the Heads or Points. Brads and No-head Nails will run more to the Pound than Table shows, and large or thick headed Nails will run less.

100 Pounds in a Keg.

Standard Steel Wire Nails.

Write for Market Prices.

SMOOTH BOX

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Polished, Advance Over Base.	Galvanized, Advance Over Base.
2d	1	15½	1010	$1.00	.....
3d	1¼	14½	635	.70	.....
4d	1½	14	473	.50	.....
5d	1¾	14	406	.50	$1.60
6d	2	12½	236	.35	1.45
7d	2¼	12½	210	.35	1.45
8d	2½	11½	145	.25	1.35
9d	2¾	11½	132	.25	.....
10d	3	10½	94	.15	.....
20d	4	9	52	.15	.....

BARBED BOX

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
2d	1	15½	1010	$1.15
3d	1¼	14½	635	.85
4d	1½	14	473	.65
5d	1¾	14	406	.65
6d	2	12½	236	.50
7d	2¼	12½	210	.50
8d	2½	11½	145	.40
10d	3	10½	94	.30

FINISHING

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
2d	1	16½	1351	$1.15
3d	1¼	15½	807	.85
4d	1½	15	584	.65
5d	1¾	15	500	.65
6d	2	13½	309	.45
7d	2¼	13	238	.45
8d	2½	12½	189	.35
10d	3	11½	121	.25
12d	3¼	11½	113	.25
16d	3½	11	90	.25
20d	4	10	62	.25

CASING

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
2d	1	15½	1010	$1.00
3d	1¼	14½	635	.70
4d	1½	14	473	.50
5d	1¾	14	406	.50
6d	2	12½	236	.35
7d	2¼	12½	210	.35
8d	2½	11½	145	.25
10d	3	10½	94	.15
12d	3¼	10½	87	.15
16d	3½	10	71	.15
20d	4	9	52	.15
30d	4½	9	46	.15
40d	5	8	35	.15

CLINCH

FLOORING BRADS

Black Annealed, Oval Head, Duck Bill or Pinch Point.

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
3d	1¼	13	429	$0.85
4d	1½	12	274	.65
5d	1¾	12	235	.65
6d	2	11	157	.55
7d	2¼	11	139	.55
8d	2½	10	99	.45
9d	2¾	10	90	.45
10d	3	9	69	.35

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
6d	2	11	157	$0.20
7d	2¼	11	139	.20
8d	2½	10	99	.10
9d	2¾	10	90	.10
10d	3	9	69	.05
20d	4	6	31	Base

100 Pounds in a Keg.

Standard Steel Wire Nails.

Write for Market Prices.

FENCE

Size.	Length, Inches.	Gauge Number.	Approximate No. to Pound.	Advance Over Base.
7d	2¼	9	92	$0.20
8d	2½	9	82	.10
10d	3	7	50	.05
12d	3¼	6	40	.05
16d	3½	5	30	.05
20d	4	4	23	Base

BARBED CAR

Oval Head, Bright.

Length, Inches.	Gauge Number.	Approximate No. to Pound.	Advance Over Base.
2	9	103	$0.35
2	10	124	.35
2¼	9	92	.35
2½	9	82	.25
3	8	57	.20
3½	7	43	.20
4	7	36	.15
4½	5	24	.15
5	5	21	.15

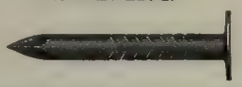
Oval Head, Annealed.

2	10	124	.50

SIDING

Size.	Length, Inches.	Gauge Number.	Approximate No. to Pound.	Advance Over Base.
6d	2	12½	236	$0.35
7d	2¼	12½	210	.35
8d	2½	11½	145	.25

SLATING



Size.	Length, Inches.	Gauge Number.	Approx. No. to Pound.	**Polished,** Advance Over Base.	**Galvanized,** Advance Over Base.
3d	1¼	10½	225	$0.60	$1.95
4d	1½	10½	187	.40	1.75

SHINGLE

Size.	Length, Inches.	Gauge Number.	Approximate No. to Pound.	**Polished,** Advance Over Base.	**Galvanized,** Advance Over Base.	**Tinned,** Advance Over Base.
3d	1¼	13	429	$0.45	$1.55	$2.95
3d	1¼	12	320	.45	1.55	.....
3½d	1⅜	12	304	.45	1.55	.....
4d	1½	12	274	.30	1.40	.....

FINE

Fine.

Size.	Length, Inches.	Gauge No.	Approx. No. to Pound.	**Polished,** Advance Over Base.	**Blued,** Advance Over Base.	**Galv'ized,** Advance Over Base.
2d	1	16½	1351	$1.00	.....	.....
3d	1⅛	15	778	.50	$0.75	$1.60

Fine, Barbed.

Size.	Length, Inches.	Gauge Number.	Approximate No. to Pound.	**Polished,** Advance Over Base.
3d	1⅛	15	778	$0.65

Extra Fine.

Size.	Length, Inches.	Gauge Number.	Approx. No. to Pound.	**Polished,** Advance Over Base.	**Blued,** Advance Over Base.
3d	1⅛	16	1015	$0.65	$0.90

Extra Fine, Barbed.

Size.	Length, Inches.	Gauge Number.	Approximate No. to Pound.	Advance Over Base.
3d	1⅛	16	1015	$0.80

100 Pounds in a Keg.

Standard Steel Wire Nails.

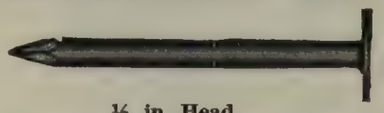
Write for Market Prices.

BARREL

LINING

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	**Common,** Advance Over Base.	**Barbed,** Advance Over Base.	Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
¾	¾	15½	1346	$1.00	$1.15	¾	¾	17	2077	$1.35
⅞	⅞	14½	906	.85	1.00	⅞	⅞	17	1781	1.25
1	1	14½	775	.70	.85	1	1	17	1558	1.15
1⅛	1⅛	14½	700	.60	.....					

SMOOTH FOUNDRY NAILS



½ in. Head.

Size.	Length, Inches.	Gauge, Number.	**Polished,** Advance Over Base.	Size.	Length, Inches.	Gauge, Number.	**Polished,** Advance Over Base.
1	1	10	$0.85	4	4	10	$0.35
2	2	10	.55	5	5	10	.35
2½	2½	10	.50	6	6	10	.35
3	3	10	.45				

POLISHED BARBED ROOFING

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
¾	¾	13	714	$0.75
⅞	⅞	12	469	.65
1	1	12	411	.60
1⅛	1⅛	12	365	.60
1¼	1¼	11	251	.55
1½	1½	10	176	.45
1¾	1¾	10	151	.45
2	2	9	103	.35

GALVANIZED BARBED ROOFING

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Advance Over Base.
⅞	⅞	12	469	$2.50
1	1	12	411	1.95
1¼	1¼	11	251	1.90
1½	1½	10	176	1.80
1¾	1¾	10	151	1.80
2	2	9	103	1.70

TINNED BARBED ROOFING

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	Per Pound.
¾	¾	13	714	$.....
⅞	⅞	12	469	.....
1	1	12	411	.....

FLAT HEAD FELT ROOFING

½ in. Flat Head, Barbed.

Size.	Length, Inches.	Gauge, Number.	**Polished,** Advance Over Base.	**Galvanized,** Advance Over Base.
⅞	⅞	8	$0.80	$2.40
1	1	8	.70	1.80
1⅛	1⅛	8	.65	1.75
1¼	1¼	8	.60	1.70
1¼	1¼	10	.80	.....
1½	1½	8	.55	1.65
1½	1½	10	.75	.....

These Nails are adapted for use with Paper and Felt Roofing. Having an extra large head, no Tin Discs are required.

AMERICAN FELT ROOFING NAILS

⅝ in. Flat Head, Barbed.

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Pound.	**Polished,** Per Pound.	**Galvanized.** Per Pound.
⅞	⅞	12	180	$.....	$.....
1	1	12	195	.....	.....

SIMPLEX ROOFING NAILS

Per Pound

Simplex—1 in., No. 12, Barbed, 1 in. Pressed Steel Disc Head .....$.....

The Simplex Nail is in one piece, having the stem riveted on both sides of the head. The head is much thicker than a tin cap, this prevents buckling of the head, leakage, and increases the life of the Nail, as the head will not rust through like a tin cap.

100 Pounds in a Keg.

Standard Steel Wire Nails.

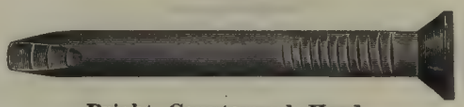
Write for Market Prices.

RAFTER BRACKET

Size.	Length, Inches.	Thickness, Inches.	Approx. No. to Pound.	Per Pound.
7d	2¼	3/16	30	$.....

These Nails have a Special Countersunk Head and are specially adapted for Nailing on Rafter Brackets.

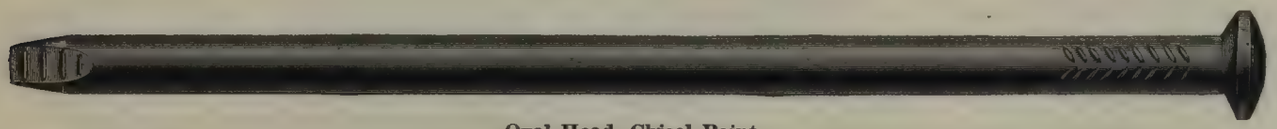
HINGE



Bright, Countersunk Head.

Size.	Length, Inches.	Thickness, Inches.	Approx. No. to Pound.	Advance Over Base.
6d	2	¼	38	$0.70
8d	2½	¼	30	.60
10d	3	¼	25	.50

Steel Wire Spikes.



Oval Head, Chisel Point.

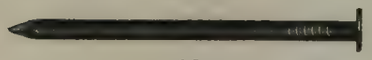
Length, Inches.	Thickness, Inches.	Approx. No. to Pound.	Advance Over Base.
6	¼	10	$0.25
6	5/16	9	.25
7	5/16	7	.10
8	3/8	4	.10
9	3/8	4	.10
10	3/8	3	.25
12	3/8	3	.25

100 Pounds in a Keg.

Cement Coated Wire Nails.

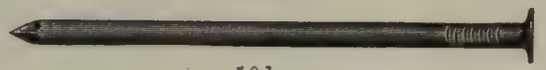
COMMON

3d.



6d.

8d.



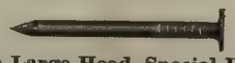
10d.

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Keg.	Advance Over Base.
2d	1	15½	85,700	$0.70
3d	1¼	14½	54,300	.45
4d	1½	14	29,800	.30
5d	1¾	14	25,500	.30
6d	2	12½	17,900	.20
7d	2¼	12½	15,300	.20
8d	2½	11½	10,100	.10
9d	2¾	11½	8,900	.10

Size.	Length, Inches.	Gauge, Number.	Approx. No. to Keg.	Advance Over Base.
10d	3	10½	6,600	$0.05
12d	3¼	10½	6,200	.05
16d	3½	10	4,900	.05
20d	4	9	3,100	Base
30d	4½	6	2,400	Base
40d	5	5	1,800	Base
60d	6	3½	1,100	Base

Cement Coated Nails contain the same number of Nails in count as a keg of common, but, as the gauge is lighter, a keg contains from 70 to 80 pounds.

SPECIAL EGG CASE



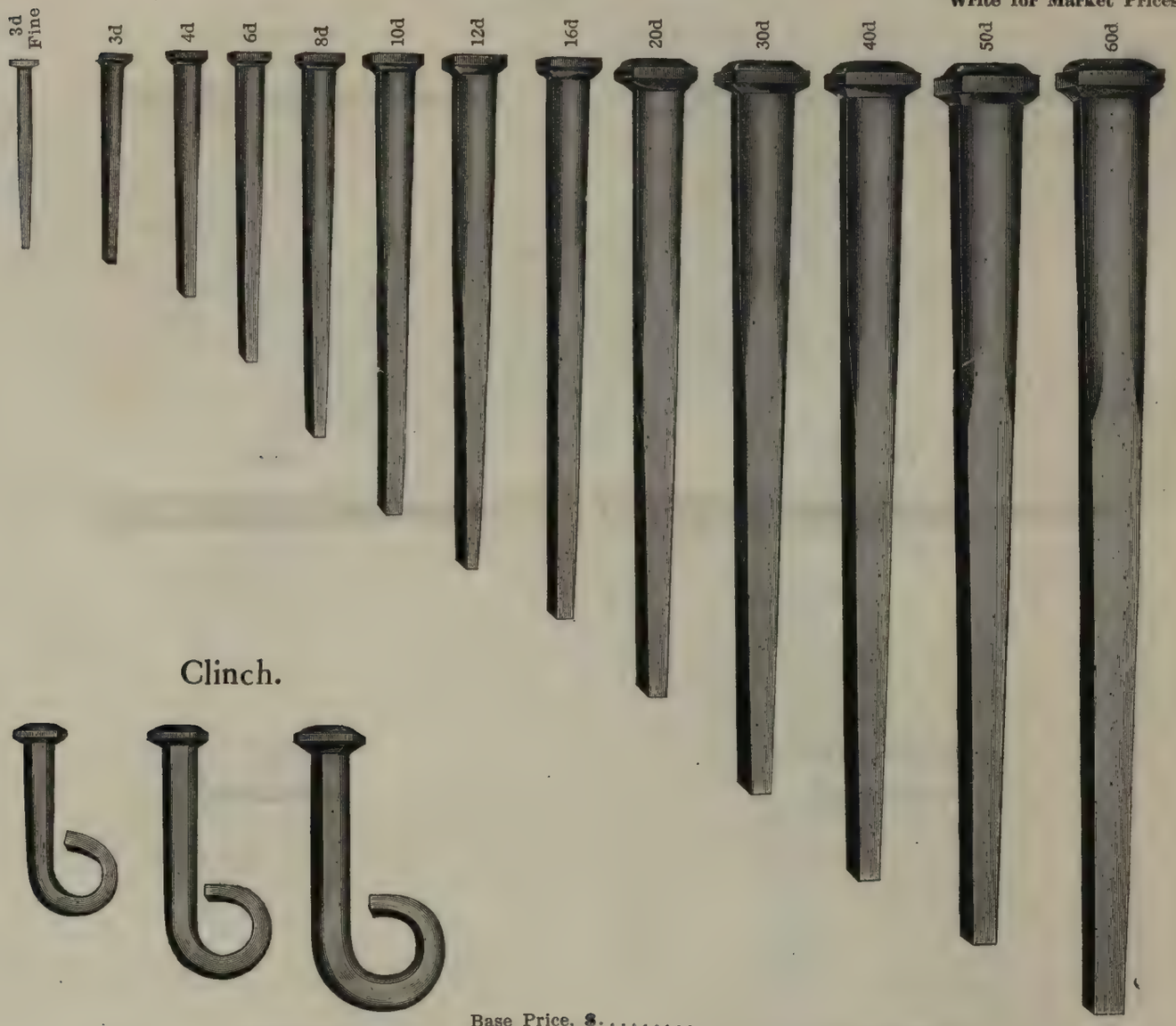
Extra Large Head, Special Point.

Advance Over Base

3d—1⅛ in. Long, Gauge No. 15, Approximate Number to Keg, 53,200 ..... $0.75

Steel Cut Nails.

Write for Market Prices.



Clinch.

Base Price, $.....

COMMON

Size.	Length, Inches	Approximate No. to Pound.	Advance Over Base.
2d	1	800	$0.75
3d	1¼	460	.45
4d	1½	280	.30
5d	1¾	210	.30
6d	2	160	.20
7d	2¼	120	.20
8d	2½	88	.10
9d	2¾	72	.10
10d	3	60	.05
12d	3¼	46	.05
16d	3½	33	.05
20d	4	23	Base
30d	4½	16	Base
40d	5	12	Base
50d	5½	10	Base
60d	6	8	Base

CLINCH

Size.	Length, Inches	Approximate No. to Pound.	Advance Over Base.
4d	1½	180	$0.75
5d	1¾	150	.75
6d	2	100	.65
7d	2¼	80	.65
8d	2½	68	.55
10d	3	48	.45
12d	3¼	40	.45
16d	3½	32	.45

CUT FINE

Size.	Length, Inches	Approximate No. to Pound.	Advance Over Base.
3d	1¼	665	$0.75

100 Pounds in a Keg.

Steel Cut Nails.

Write for Market Prices.

CASING

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
4d	1½	420	$0.50
6d	2	210	.35
8d	2½	130	.25
10d	3	88	.15
12d	3¼	80	.15
16d	3½	65	.15
20d	4	45	.15
30d	4½	40	.15
40d	5	35	.15

FINISHING

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
6d	2	300	$0.45
8d	2½	168	.35
10d	3	104	.25

FLOORING BRADS

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
6	2	300	$0.35
8	2½	168	.25
10	3	104	.15

FENCE

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
8d	2½	52	$0.10
10d	3	26	.05
12d	3¼	20	.05
16d	3½	16	.05

HINGE

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
5d	1¾	105	$0.75
6d	2	90	.65
8d	2½	62	.55
10d	3	43	.45

COMMON BARREL

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
¾	¾	650	$1.00
⅞	⅞	540	.85
1	1	435	.70
1⅛	1⅛	310	.60
1¼	1¼	280	.50
1½	1½	190	.30

HOOP

Size.	Length, Inches.	Approximate No. to Pound.	Advance Over Base.
⅞	⅞	736	$1.30
1	1	620	1.15

Iron Cut Nails.

IRON CUT, COMMON, FLAT GRIP

3d. 3½ d. 4d.

IRON CUT, SHINGLE, EDGE GRIP

3d. 3½ d. 4d.

Cleaned.

Size	3d	3½ d	4d
Length, Inches	1¼	1⅜	1½
Approximate No. to Lb.	460	370	280
Advance Over Base	$0.45	.40	.30

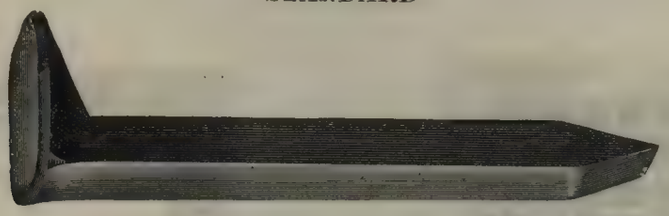
Size	Light 3d	Heavy 3d	3½ d	4d
Length, Inches	1¼	1¼	1⅜	1½
Approximate No. to Lb.	400	360	270	200
Advance Over Base	$0.45	.45	.40	.30

100 Pounds in a Keg.

Railroad Spikes.

Write for Market Prices.

STANDARD



Wrought.

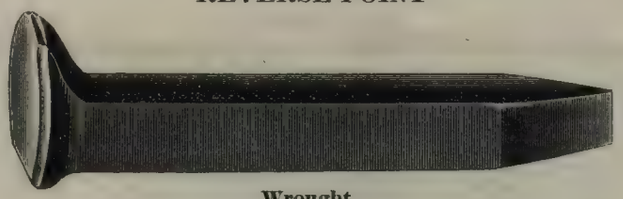
	Per 100 Pounds
7/16 in., Square, Length 5½ in.	$.....

SMALL

	Add to Base
½ in., Square, Length 4, 4½ and 5 in.	$0.10
7/16 in., Square, Length 3½ in.	.20
3/8 in., Square, Length 3 in.	.30
3/8 in., Square, Length 2½ in.	.40

Two Hundred Pounds in a Keg.

REVERSE POINT

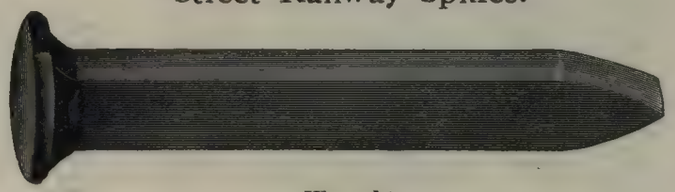


Wrought.

	Add to Base
3/8 in., Square, Length 3 in.	$0.55

Two Hundred Pounds in a Keg.

Street Railway Spikes.

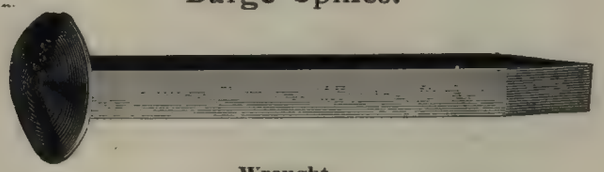


Wrought.

	Add to Base
½ in., Square, Length 4½ in.	$0.20

Two Hundred Pounds in a Keg.

Barge Spikes.

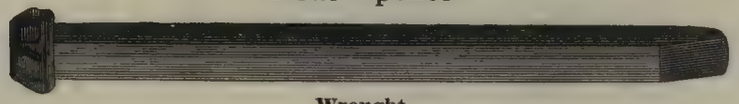


Wrought.

	Add to Base
5/16 in., Square, Length 3½ in.	$0.70

Two Hundred Pounds in a Keg.

Boat Spikes.



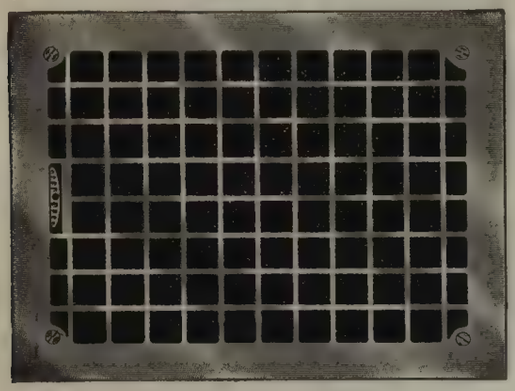
Wrought.

	Add to Base
¼ in., Square, Lengths 4, 5, 6 and 7 in.	$0.75
5/16 in., Square, Lengths 4½, 5, 5½ and 6 in.	.45
3/8 in., Square, Lengths 5, 6, 7, 8, 9 and 10 in.	.30
7/16 in., Square, Lengths 8 and 9 in.	.20
½ in., Square, Lengths 7, 8, 9, 10 and 12 in.	.15

Two Hundred Pounds in a Keg.

Registers, Faces and Borders.

Discount on Application.



Register.

List Adopted July 1st, 1903.

Border.

Black Japanned.

Size of Open'g, Inches.	Semi-Steel Register, Each.	Register, Face, Each.	Floor Border, Each.
4x 6	$1.40	$0.55	$1.15
4x 8	1.50	.60	1.15
4x10	1.55	.75	1.15
4x12	1.80	.95	1.35
4x13	2.50	1.10	1.75
4x15	3.00	1.20	1.90
4x18	4.00	1.30	2.75
4x21	5.00	2.25	3.15
4x24	6.00	2.75	3.75
5x 8	1.55	.90	1.15
5x 9	1.55	1.00	1.20
5x10	1.60	1.05	1.20
5x11	1.75	1.10	1.30
5x12	1.80	1.20	1.40
5x13	2.60	1.35	1.80
5x14	2.80	1.50	1.90
5x15	3.60	1.65	2.00
5x16	3.90	1.80	2.60
5x17	4.20	2.00	2.70
5x18	5.25	2.10	3.20
6x 6	1.50	.90	1.15
6x 8	1.55	1.00	1.15
6x 9	1.60	1.05	1.20
6x10	1.60	1.05	1.20
6x12	1.85	1.25	1.45
6x14	2.85	1.65	1.90
6x16	4.00	2.00	2.70
6x18	5.20	2.25	3.25
6x20	6.00	2.50	3.50
6x22	7.00	3.00	3.95
6x24	8.00	3.70	4.50
6x28	9.50	4.25	5.40
6x30	11.50	4.75	6.00
6x32	13.00	5.25	6.50
7x 7	1.55	1.00	1.20
7x10	1.65	1.10	1.25
7x12	1.90	1.25	1.50
7x14	2.95	1.90	1.90
7x15	3.75	2.55	2.55
8x 8	1.60	1.05	1.20
8x10	1.65	1.10	1.25
8x12	1.90	1.30	1.50
8x13	2.75	1.85	1.85
8x14	3.00	2.00	2.00
8x15	3.80	2.60	2.60
8x16	4.50	2.70	2.70
8x18	6.60	3.50	3.50
8x20	8.70	3.90	3.90
8x21	9.00	4.00	4.00
8x24	11.25	4.70	4.70
8x27	13.60	5.40	5.40
8x30	14.70	6.30	6.30
9x 9	2.00	1.40	1.60
9x12	2.10	1.45	1.65
9x13	$2.95	$2.00	$2.00
9x14	3.10	2.15	2.15
9x15	3.95	2.65	2.65
9x16	4.70	2.70	2.70
9x17	5.95	3.25	3.25
9x18	6.65	3.60	3.60
9x19	7.40	3.95	3.95
9x20	8.75	4.30	4.30
9x22	10.35	4.50	4.50
9x24	12.00	5.30	5.30
9x25	14.25	6.00	6.00
9x26	15.25	6.35	6.25
9x28	16.35	6.80	6.50
9x30	17.50	7.10	7.10
10x10	2.35	1.65	1.70
10x12	2.40	1.70	1.75
10x14	3.15	2.20	2.20
10x16	4.85	2.95	2.95
10x18	6.70	3.70	3.70
10x20	8.90	4.35	4.35
10x22	10.40	4.90	4.90
10x24	12.15	5.35	5.35
10x30	19.50	8.00	8.00
11x18	6.75	3.95	3.95
12x12	4.00	2.70	2.70
12x14	4.35	2.80	2.80
12x15	4.50	2.90	2.90
12x16	5.60	3.50	3.50
12x17	6.35	3.80	3.80
12x18	6.80	3.90	3.90
12x19	7.50	4.00	4.00
12x20	9.00	4.50	4.50
12x24	12.25	5.50	5.50
12x30	20.00	8.20	8.20
12x32	24.50	9.75	9.75
12x36	26.75	10.25	10.25
12x40	35.00	15.50	15.50
14x14	7.90	4.05	4.05
14x15	8.25	4.20	4.20
14x16	8.50	4.30	4.30
14x18	9.00	4.50	4.50
14x20	9.50	4.80	4.80
14x22	10.50	5.00	5.00
14x24	14.90	6.90	6.90
14x48	46.00	20.00	20.00
15x15	10.00	4.90	4.90
15x21	12.50	6.20	6.20
15x25	17.50	7.10	7.10
15x30	27.50	10.75	10.75
15x34	31.75	12.75	13.75
16x16	11.00	5.10	5.10
16x18	12.00	5.30	5.30
16x20	12.35	6.10	6.10
16x22	14.75	6.70	6.70
16x24	$15.00	$7.00	$7.00
16x28	24.60	10.00	10.00
16x30	27.90	11.00	11.00
16x32	31.00	13.10	13.10
16x36	36.00	16.00	16.00
18x18	18.50	7.20	7.20
18x20	19.50	7.60	7.60
18x21	20.50	7.75	7.75
18x24	21.50	8.35	8.35
18x27	27.50	10.75	10.75
18x30	31.25	13.25	13.25
18x36	38.00	17.25	17.25
20x20	19.75	8.00	8.00
20x22	21.60	8.40	8.40
20x24	22.00	8.60	8.60
20x26	23.50	9.50	9.50
20x28	28.90	11.50	11.50
20x30	33.50	13.50	13.50
20x32	37.50	17.10	17.10
20x36	43.00	18.50	18.50
21x21	24.50	9.75	9.75
21x25	28.00	11.10	11 10
21x29	29.00	11.60	11 60
22x22	28.50	11.40	11.40
22x24	29.50	11.80	11.80
22x26	31.00	13.10	13.10
22x28	33.90	13.90	13.90
22x30	36.00	16.00	16.00
22x32	42.00	17.50	17.50
22x36	47.50	20.50	20.50
22x38	52.00	22.50	22.50
22x42	64.00	27.00	27.00
24x24	30.00	12.00	12.00
24x27	33.95	14.00	14.00
24x30	38.00	17.25	17.25
24x32	42.50	18.00	18.00
24x36	50.00	22.00	22.00
27x27	37.25	17.00	17.00
27x38	56.00	25.00	25.00
28x28	44.00	19.00	19.00
28x30	48.50	21.00	21.00
28x32	53.00	24.50	24.50
28x36	64.00	27.00	27.00
30x30	43.00	21.50	21.50
30x36	67.50	28.50	28.50
30x42	77.50	33.00	29.00
30x48	95.00	39.00	31.00
36x36	80.00	35.00	29.50
36x40	105.00	44.00	32.10
36x42	112.00	46.00	34.00
36x48	132.00	54.00	40.00
38x42	120.00	50.00	36.00

Semi-Steel Registers have Face of Cast Iron and Body of Steel.

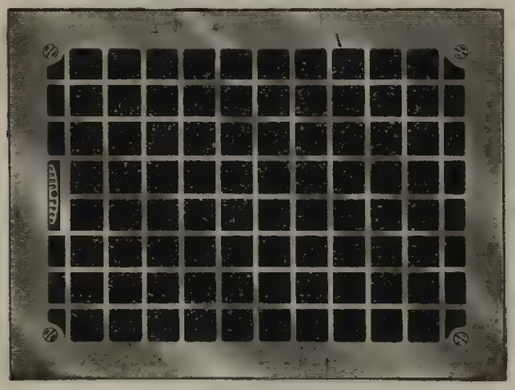
Ventilators for Cords 50 Cents List Extra on All Sizes up to 14x14 and $1.00 List Extra on All Sizes Larger than 14x14.

All Registers, Faces and Borders Listed in Red are Sizes We Carry in Stock. Those Listed in Black Can be Shipped Direct from Factory.

Note—For Contents and Weights of Cases of Popular Sizes, See Page 1015.

Registers and Faces.

Discount on Application.



List Adopted July 1st, 1903.

White Japanned.

Size of Opening, Inches.	Semi-Steel Register, Each.	Face, Each.
4x 6	$1.70	$0.85
4x 8	1.80	.90
4x10	1.90	1.10
4x12	2.20	1.35
4x13	3.00	1.50
4x15	3.60	1.80
4x18	4.65	1.95
4x21	6.00	3.25
4x24	7.00	3.75
5x 8	1.90	1.25
5x 9	1.90	1.30
5x10	1.95	1.40
5x11	2.15	1.50
5x12	2.25	1.60
5x13	3.10	1.85
5x14	3.40	2.00
5x15	4.30	2.35
5x16	4.65	2.55
5x17	5.00	2.80
5x18	6.20	3.15
6x 6	1.80	1.20
6x 8	1.85	1.30
6x 9	1.90	1.35
6x10	1.95	1.40
6x12	2.25	1.60
6x14	3.45	2.10
6x16	4.80	2.80
6x18	6.25	3.30
6x20	7.20	3.70
6x22	8.40	4.40
6x24	9.60	5.30
6x28	11.00	5.75
6x30	13.00	6.25
6x32	14.25	6.50
7x 7	1.90	1.35
7x10	2.00	1.40
7x12	2.30	1.65
7x14	3.55	2.50
7x15	4.50	3.30
8x 8	1.95	1.40
8x10	2.00	1.45
8x12	2.30	1.70
8x13	3.30	2.40
8x14	3.60	2.60
8x15	4.55	3.35
8x16	5.40	3.60
8x18	7.90	4.80
8x20	10.40	5.60
8x21	10.80	5.80
8x24	12.40	6.00
8x27	15.00	6.80
8x30	16.30	7.90
9x 9	2.40	1.80
9x12	2.55	1.90
9x13	$3.55	$2.55
9x14	3.70	2.75
9x15	4.75	3.45
9x16	5.65	3.65
9x17	7.15	4.65
9x18	8.00	4.95
9x19	8.90	5.40
9x20	10.25	5.65
9x22	11.50	6.15
9x24	13.20	6.50
9x25	15.65	7.40
9x26	16.75	7.85
9x28	18.00	8.45
9x30	19.25	8.85
10x10	2.85	2.15
10x12	2.90	2.20
10x14	3.80	2.85
10x16	5.85	3.95
10x18	8.05	5.05
10x20	10.50	5.75
10x22	12.00	6.25
10x24	13.40	6.60
10x30	21.45	9.95
11x18	8.10	5.30
12x12	4.80	3.50
12x14	5.25	3.65
12x15	5.40	3.80
12x16	6.70	4.60
12x17	7.60	5.05
12x18	8.15	5.25
12x19	9.00	5.50
12x20	10.80	6.30
12x24	13.50	6.75
12x30	22.00	10.20
12x32	26.95	12.20
12x36	29.40	12.90
12x40	38.50	19.00
14x14	9.45	5.60
14x15	9.90	5.85
14x16	10.20	6.00
14x18	10.80	6.30
14x20	11.25	6.40
14x22	12.00	6.50
14x24	16.40	8.40
14x48	50.60	24.60
15x15	11.25	6.15
15x21	13.75	7.45
15x25	19.25	8.85
15x30	30.25	13.20
15x34	34.90	16.90
16x16	12.20	6.20
16x18	13.20	6.50
16x20	13.60	7.35
16x22	16.20	8.15
16x24	$16.50	$8.50
16x28	27.05	12.45
16x30	30.70	13.80
16x32	34.10	16.20
16x36	39.60	19.60
18x18	20.35	9.05
18x20	21.45	9.55
18x21	22.55	9 80
18x24	23.65	10.50
18x27	30.25	13.50
18x30	34.35	16.35
18x36	41.80	21.05
20x20	21.75	10.00
20x22	23.75	10.55
20x24	24.20	10.80
20x26	25.85	11.85
20x28	31.80	14.40
20x30	36.85	16.85
20x32	41.25	20.85
20x36	47.30	22.80
21x21	26.95	12.20
21x25	30.80	13.90
21x29	31.90	14.50
22x22	31.35	14.25
22x24	32.45	14.75
22x26	34.10	16.20
22x28	37.30	17.30
22x30	39.60	19.60
22x32	46.20	21.70
22x36	52.25	25.25
22x38	57.20	27.70
22x42	70.40	33.40
24x24	33.00	15.00
24x27	37.35	17.40
24x30	41.80	21.05
24x32	46.75	22.25
24x36	55.00	27.00
27x27	40.95	20.70
27x38	61.60	30.60
28x28	48.40	23.40
28x30	53.35	25.85
28x32	58.30	29.80
28x36	70.40	33.40
30x30	53.90	26.40
30x36	74.25	35.25
30x42	85.25	40.75
30x48	104.50	48.50
36x36	88.00	43.00
36x40	115.50	54.50
36x42	123.20	57.20
36x48	145.20	67.20
38x42	132.00	62.00

Semi-Steel Registers have Face of Cast Iron and Body of Steel.

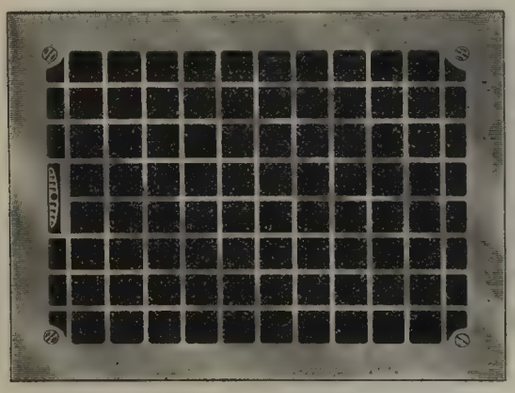
Ventilators for Cords 50 Cents List Extra on All Sizes up to 14x14 and $1.00 List Extra on All Sizes Larger than 14x14.

All Registers, Faces and Borders Listed in Red are Sizes We Carry in Stock. Those Listed in Black Can be Shipped Direct from Factory.

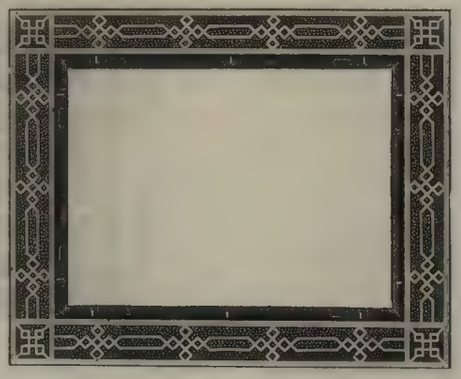
Note—For Contents and Weights of Cases of Popular Sizes, See Page 1015.

Registers, Faces and Borders.

Discount on Application.



Register.



Border.

List Adopted July 1st, 1903.

Oxidized Copper Plated.

Size of Open'g, Inches.	Semi-Steel Register, Each.	Register, Face, Each.	Floor Border, Each.
4x 6..	..$2.00..	..$1.15..	..$1.75
4x 8..	.. 2.20..	.. 1.30..	.. 1.85
4x10—	— 2.40—	— 1.60—	— 2.00
4x12..	.. 2.80..	.. 2.15..	.. 2.55
4x13..	.. 3.50..	.. 2.60..	.. 3.25
4x15—	— 4.00—	— 2.70—	— 3.40
4x18..	.. 5.00..	.. 3.20..	.. 4.65
4x21..	.. 6.50..	.. 4.25..	.. 5.15
4x24—	— 7.50—	— 4.75—	— 5.75
5x 8..	.. 2.75..	.. 2.10..	.. 2.35
5x 9..	.. 2.90..	.. 2 30..	.. 2.50
5x10—	— 2.95—	— 2.40—	— 2.55
5x11..	.. 3.25..	.. 2.60..	.. 2.80
5x12..	.. 3.45..	.. 2.85..	.. 3.00
5x13—	— 4.25—	— 3.00—	— 3.45
5x14..	.. 4.80..	.. 3.50..	.. 3.90
5x15..	.. 5.60..	.. 3.65..	.. 4.00
5x16—	— 5.70—	— 3.80—	— 4.60
5x17..	.. 6.20..	.. 4.00..	.. 4.70
5x18..	.. 7.25..	.. 4.10..	.. 5.20
6x 6—	— 2.70—	— 2.10—	— 2.35
6x 8..	.. 2.80.	.. 2.25..	.. 2.40
6x 9..	.. 2.95..	.. 2.40..	.. 2.55
6x10—	— 3.00—	— 2.45—	— 2.60
6x12..	.. 3.50..	.. 2.90..	.. 3.10
6x14..	.. 4.95..	.. 3.75..	.. 4.00
6x16—	— 6.00—	— 4.00—	— 4.70
6x18..	.. 7.00..	.. 4.50..	.. 5.50
6x20..	.. 8.20..	.. 4.75..	.. 5.80
6x22—	—10.00—	— 6.00—	— 6.95
6x24..	..12.00..	.. 7.00..	.. 7.50
6x28..	..14.50..	.. 8.00..	.. 9.00
6x30—	—16.50—	— 8.90—	—10.00
6x32..	..18.00..	.. 9.50..	..10.50
7x 7..	.. 2.90..	.. 2.35..	.. 2.55
7x10—	— 3.10—	— 2.55—	— 2.70
7x12..	.. 3.60..	.. 2.95..	.. 3.20
7x14..	.. 5.00..	.. 3.95..	.. 3.95
7x15—	— 5.90—	— 4.70—	— 4.70
8x 8..	.. 3.00..	.. 2.45..	.. 2.60
8x10..	.. 3.15..	.. 2.60..	.. 2.75
8x12—	— 3.65—	— 3.05—	— 3.25
8x13..	.. 4.75..	.. 3.85..	.. 3.85
8x14..	.. 5.10..	.. 3.95..	.. 3.95
8x15—	— 6.00—	— 4.80—	— 4.80
8x16..	.. 6.75..	.. 5.00..	.. 5.00
8x18..	.. 9.40..	.. 6.00..	.. 6.00
8x20—	—11.70—	— 6.90—	— 6.90
8x21..	..12.50..	.. 7.50..	.. 7.50
8x24..	..15.25..	.. 8.70..	.. 8.70
8x27—	—17.75—	— 9.55—	— 9.55
8x30..	..19.50..	..10.50..	..10.50
9x 9..	.. 3.90..	.. 3.30..	.. 3.50
9x12—	— 4.00—	— 3.35—	— 3.55
9x13..	..$4.95..	..$4.00..	..$4.00
9x14..	.. 5.20..	.. 4.25..	.. 4.25
9x15—	— 6.50—	— 4.90—	— 5.20
9x16..	.. 7.15..	.. 5.15..	.. 5.30
9x17..	.. 8.70..	.. 6.00..	.. 6.00
9x18—	— 9.35—	— 6.30—	— 6.30
9x19..	..10.50..	.. 7.05..	.. 7.05
9x20..	..11.85..	.. 7.40..	.. 7.40
9x22—	—13.95—	— 8.10—	— 8.10
9x24..	..16.00..	.. 9.30..	.. 9.30
9x25..	..18.25..	..10.00..	..10.00
9x26—	—19.25—	—10.25—	—10.25
9x28..	..21.75..	..11.90..	..11.90
9x30..	..22.50..	..12.10..	..12.10
10x10—	— 4.35—	— 3.65—	— 3.70
10x12..	.. 4.40..	.. 3.70..	.. 3.75
10x14..	.. 5.25..	.. 4.30..	.. 4.30
10x16—	— 7.20—	— 5.30—	— 5.30
10x18..	.. 9.45..	.. 6.45..	.. 6.45
10x20..	..12.00..	.. 7.50..	.. 7.50
10x22—	—14.50—	— 9.00—	— 9.00
10x24..	..16.25..	.. 9.45..	.. 9.45
10x30..	..25.50..	..14.00..	..14.00
11x18—	— 9.50—	— 6.70—	— 6.70
12x12..	.. 6.35..	.. 5.05..	.. 5.05
12x14..	.. 6.85..	.. 5.35..	.. 5.35
12x15—	— 7.00—	— 5.40—	— 5.40
12x16..	.. 8.25..	.. 6.15..	.. 6.15
12x17..	.. 9.00..	.. 6.45..	.. 6.45
12x18—	— 9.55—	— 6.65—	— 6.65
12x19..	..10.35..	.. 6.85..	.. 6.85
12x20..	..12.20..	.. 7.60..	.. 7.60
12x24—	—16.30—	— 9.55—	— 9.55
12x30..	..26.00..	..14.20..	..14.20
12x32..	..31.50..	..16.75..	..16.75
12x36—	—33.75—	—17.75—	—17.75
12x40..	..45.00..	..25.00..	..25.00
14x14..	..11.00..	.. 7.15..	.. 7.15
14x15—	—11.25—	— 7.25—	— 7.25
14x16..	..11.50..	— 7.30..	.. 7.30
14x18..	..12.00..	.. 7.50..	.. 7.50
14x20—	—13.00—	— 8.50—	— 8.50
14x22..	..14.50..	.. 9.00..	.. 9.00
14x24..	..19.50..	..11.50..	..11.50
14x48—	—60.00—	—35.25—	—31.65
15x15..	..14.00..	.. 8.90..	.. 8.90
15x21..	..16.85..	..10.50..	..10.50
15x25—	—23.00—	—12.60—	—12.60
15x30..	..33.00..	..18.00..	..18.00
15x34..	..41.25..	..23.25..	..23.25
16x16—	—15.00—	— 9.10..	.. 9.10
16x18..	..16.20..	... 9 50..	.. 9.50
16x20..	..16.55..	..10.30..	..10.30
16x22—	—19.50—	—11.50—	—11.50
16x24..	.$20.00..	.$12.00..	.$12.00
16x28..	..30.80..	..16.20..	..16.20
16x30—	—35.00—	—18.25—	—18.25
16x32..	..38.25..	..20.35..	..20.35
16x36..	..45.00..	..25.00..	..25.00
18x18—	—23.75—	—12.45—	—12.45
18x20..	..24.75..	..12.85..	..12.85
18x21..	..26.00..	..13.25..	..13.25
18x24—	—27.75—	—14.60—	—14.60
18x27..	..35.00..	..18.25..	..18.25
18x30..	..38.00..	..21.00..	..21.00
18x36—	—48.50—	—28.10—	—26.00
20x20..	..24.75..	..13.00..	..13.00
20x22..	..27.60..	..14.40..	..14.40
20x24—	—28.20—	—14.80—	—14.80
20x26..	..32.00..	..17.50..	..17.50
20x28..	..37.40..	..20.00..	..20.00
20x30—	—43.00—	—23.50—	—23.50
20x32..	..48.50..	..28.10..	..26.00
20x36..	..54.00..	..29.50..	..28.50
21x21—	—31.00—	—16.25—	—16.25
21x25..	..35.50..	..18.60..	..18.60
21x29..	..40.50..	..22.20..	..22.20
22x22—	—36.50—	—19.40—	—19.40
22x24..	..37.90..	..20.20..	..20.20
22x26..	..41.00..	..23.00..	..23.00
22x28—	—44.00—	—24.00—	—24.00
22x30..	..46.50..	..26.50..	..25.50
22x32..	..54.00..	..29.50..	..28.50
22x36—	—60.50—	—35.00—	—31.75
22x38..	..65.50..	..37.50..	..34.25
22x42..	..75.00..	..43.00..	..35.00
24x24—	—40.00—	—22.00—	—22.00
24x27..	..45.00..	..25.00..	..25.00
24x30..	..50.00..	..29.25..	..28.25
24x32—	—55.50—	—31.00—	—30.00
24x36..	..65.50..	..37.50..	..34.25
27x27..	..49.25..	..29.00..	..28.00
27x38—	—76.00—	—45.00—	—36.00
28x28..	..57.50..	..32.50..	..31.00
28x30..	..61.50..	..35.50..	..32.00
28x32—	—68.00—	—39.50—	—35.00
28x36..	..86.00..	..49.00..	..37.00
30x30..	..65.00..	..37.00..	..34.00
30x36—	—90.00..	..51.00..	..41.00
30x42..	.102.00..	..57.50..	..50.50
30x48..	.124.00..	..68.00..	..60.00
36x36—	105.00—	—60.00—	—54.50
36x40..	.135.00..	..74.00..	..62.10
36x42..	.143.00..	..77.00..	..65.00
36x48—	168.00—	—90.00—	—76.00
38x42..	155.00..	..85.00..	..71.00

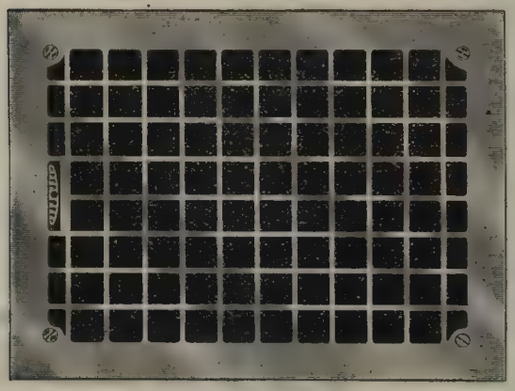
Semi-Steel Registers have Face of Cast Iron and Body of Steel.

The Above Oxidized Copper Registers, Faces and Borders are Not Carried in Stock, but are Made up to Order Only.

Note—For Contents and Weights of Cases of Popular Sizes, See Page 1015.

Registers, Faces and Borders.

Discount on Application.



Register.

Border.

List Adopted July 1st, 1903.

Electro-Plated in Nickel, Brass, Bronze or *Copper Finish.

Size of Open'g, Inches.	Semi-Steel Register Each.	Register, Face, Each.	Floor Border Each.
4x 6	$2.20	$1.35	$2.10
4x 8	2.40	1.50	2.15
4x10	2.60	1.80	2.40
4x12	3.10	2.45	3.00
4x13	3.80	2.90	3.75
4x15	4.30	3.00	4.00
4x18	5.40	3.60	5.00
4x21	7.00	4.75	6.00
4x24	8.10	5.35	7.00
5x 8	3.00	2.35	2.90
5x 9	3.15	2.50	3.10
5x10	3.25	2.70	3.25
5x11	3.50	2.85	3.50
5x12	3.90	3.30	3.75
5x13	4.60	3.50	4.00
5x14	5.20	3.90	4.50
5x15	6.10	4.15	4.90
5x16	6.40	4.30	5.60
5x17	6.80	4.60	5.80
5x18	7.85	4.75	6.30
6x 6	3.00	2.40	2.95
6x 8	3.10	2.50	3.00
6x 9	3.40	2.85	3.45
6x10	3.50	2.95	3.60
6x12	4.20	3.60	4.10
6x14	5.75	4.50	5.30
6x16	6.90	4.90	6.10
6x18	8.00	5.50	7.00
6x20	9.30	5.85	7.40
6x22	11.25	7.25	8.05
6x24	13.30	8.30	9.30
6x28	16.00	9.50	11.00
6x30	18.25	10.65	12.10
6x32	21.00	12.50	12.60
7x 7	3.50	2.95	3.55
7x10	3.80	3.25	3.80
7x12	4.35	3.70	4.35
7x14	6.10	5.00	5.50
7x15	6.90	5.70	6.30
8x 8	3.70	3.15	3.65
8x10	3.85	3.30	3.90
8x12	4.40	3.75	4.40
8x13	5.75	4.85	5.30
8x14	6.20	5.10	5.60
8x15	7.00	5.80	6.40
8x16	8.00	6.25	7.00
8x18	10.70	7.30	8.00
8x20	13.00	8.25	9.00
8x21	14.00	9.00	9.70
8x24	17.00	10.50	11.10
8x27	19.75	11.50	12.20
8x30	21.60	12.60	13.50
9x 9	4.90	4.30	4.75
9x12	5.10	4.45	5.00
9x13	6.15	5.20	5.70
9x14	6.50	5.50	5 95
9x15	7.80	6.20	7.00
9x16	8.55	6.55	7.10
9x17	9.30	7.60	8.00
9x18	11.00	7.95	8.40
9x19	12.20	8.75	9.15
9x20	13.65	9.20	9.70
9x22	16.00	10.15	10.50
9x24	18.10	11.40	11.90
9x25	20.50	12.25	12.50
9x26	21.65	12.65	12.90
9x28	24.25	14.40	14.80
9x30	25.25	14.80	15.10
10x10	5.35	4.65	5.20
10x12	5.50	4.80	5.35
10x14	6.55	5.60	6.00
10x16	8.60	6.70	7.20
10x18	11.00	8.00	8.55
10x20	13.80	9.30	9.80
10x22	16.50	11.00	11.00
10x24	18.50	12.00	12.15
10x30	28.00	16.75	17.00
11x18	11.15	8.25	8.95
12x12	7.90	6.60	7.10
12x14	8.25	6.75	7.35
12x15	8.50	6.90	7.60
12x16	9.75	7.65	8.25
12x17	10.60	8.05	8.65
12x18	11.25	8.35	9.00
12x19	12.25	8.75	9.25
12x20	14.10	9.50	9.90
12x24	18.60	12.10	12.25
12x30	29.00	18.00	17.00
12x32	34.50	20.00	20.00
12x36	36.25	23.25	21.50
12x40	50.00	33.00	27.00
14x14	14.30	9.60	10.00
14x15	15.30	10.00	10.50
14x16	16.50	11.00	11.00
14x18	18.50	12.00	12.15
14x20	20.50	13.00	12.75
14x22	22.50	14.50	13.50
14x24	26.00	16.50	15.00
14x48	69.50	46.50	35.75
15x15	17.00	11.90	12.00
15x21	25.00	16.25	14.50
15x25	31.00	20.00	18.50
15x30	37.50	25.00	21.60
15x34	46.00	30.50	25.00
16x16	19.75	12.80	12.50
16x18	22.25	14.25	13.25
16x20	24.60	16.00	14.00
16x22	28.00	18.00	16.00
16x24	29.60	19.25	17.10
16x28	35.00	22.75	18.80
16x30	37.50	25.00	21.60
16x32	42.00	27.50	22.00
16x36	50.00	33.00	27.00
18x18	26.00	16.50	15.00
18x20	29.00	18.00	17.00
18x21	30.00	19.00	18.00
18x24	34.25	22.50	18.75
18x27	39.00	25.50	21.70
18x30	43.00	28.50	22.70
18x36	54.00	36.00	28.00
20x20	32.40	21.20	18.10
20x22	35.70	23.50	19.00
20x24	39.00	25.50	21.70
20x26	42.00	27.50	22.00
20x28	45.50	30.00	24.50
20x30	49.00	32.50	26.00
20x32	52.00	34.00	27.50
20x36	59.00	39.00	31.50
21x21	37.00	24.75	21.00
21x25	44.00	29.00	23.00
21x29	52.00	34.00	27.50
22x22	41.00	27.00	21.75
22x24	44.00	29.00	23.00
22x26	48.00	32.00	25.50
22x28	52.00	34.00	27.50
22x30	55 00	36 50	28.75
22x32	59.00	39.00	31.50
22x36	66.00	44.50	34.00
22x38	70.00	47.00	36.00
22x42	82.50	53.50	39.50
24x24	49.00	32.50	26.00
24x27	56.00	37.00	29.00
24x30	62.00	41.50	32.00
24x32	66.00	44.50	34.00
24x36	74.00	50.30	36.50
27x27	66.00	44.50	34.00
27x38	94.00	64.00	46.00
28x28	72.00	49.00	33.40
28x30	76.00	52.50	37.00
28x32	84.00	55.00	40.50
28x36	92.00	63.00	45.00
30x30	85.00	56.00	41.00
30x36	102.00	70.00	48.00
30x42	119.00	81.00	60.00
30x48	136.00	94.00	72.00
36x36	127.00	83.00	66.00
36x40	142.00	95.00	76.00
36x42	150.00	96.50	80.50
36x48	173.00	103.00	87.00
38x42	160.00	100.00	83.50

Semi-Steel Registers have Face of Cast Iron and Body of Steel.

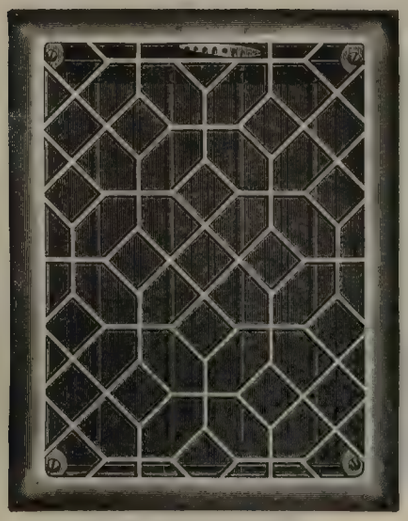
The Above Electro Plated Registers, Faces and Borders are Not Carried in Stock, but are Made up to Order Only.

***For List on Oxidized Copper Registers, See Page 1012.**

Note—For Contents and Weights of Cases of Popular Sizes, See Page 1015.

Registers.

Discount on Application.



List Adopted July 1st, 1903.

Convex Square, Semi-Steel.

Size of Opening, Inches.	Japanned Black, Each.	Japanned White, Each.	Bronzed Gold Copper or Bronze Finish, Each.	Electro-Plated.	
				Nickel, Each.	Brass, Bronze or Copper, Each.
8x10	$2.40	$2.90	$3.90	$3.90	$5.10
8x12	2.70	3.25	4.45	4.45	5.75
9x12	3.00	3.60	4.90	4.90	6.60
10x12	3.75	4.50	5.75	5.75	7.60
10x14	5.00	6.00	7.10	7 10	9.40

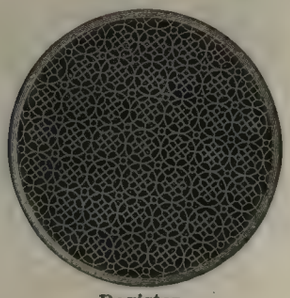
Semi-Steel Registers have Face of Cast Iron and Body of Steel.

Wooden Cold Air Faces.

Carefully selected kiln dried oak, cross strips are securely glued in grooves, specially adapted for Cold and Warm Air Ducts, Radiator Screens and Ventilators.

Size, inches	14x20	16x20	16x30	20x24	20x30
Each	$1.94	2.22	3.34	3.33	4.15
Size, inches	24x24	24x30	28x32	30x30	30x36
Each	$4.00	5.00	6.22	6.25	7.50

Round Registers, Faces and Borders.



Register.

Border.

Slide-Center Movement.

REGISTERS.			FACES.			FLOOR BORDER.	
Size of Opening, Inches.	Japanned Black, Each.	Japanned White, Each.	Size of Opening, Inches.	Japanned Black, Each.	Japanned White, Each.	Size Opening, Inches.	Japanned Black, Each.
6	$ 1.50	$ 1.80	6	$ 0.90	$ 1.20	6	$ 1.15
7	1.55	1.90	7	1.00	1.35	7	1.20
8	1.60	1.95	8	1.05	1.40	8	1.20
9	2.00	2.40	9	1.40	1.80	9	1.60
10	2.35	2.85	10	1.65	2.15	10	1.70
12	4.00	4.80	12	2.70	3.50	12	2.70
14	7.90	9.45	14	4.05	5.60	14	4.05
16	11.00	12.20	16	5.10	6.20	16	5.10
18	18.50	20.35	18	7.20	9.05	18	7.20
20	19.75	21.75	20	8.00	10.00	20	8.00
24	30.00	33.00	24	12.00	15.00	24	12.00
30	49.00	53.90	30	21.50	26.40	30	21.50
			36	35.00	43.00	36	29.50

All Registers, Faces and Borders Listed in Red are Sizes We Carry in Stock. Those Listed in Black Can be Furnished Direct from Factory.

Note—For Weights of Popular Sizes, See Page 1015.

Contents and Weights of Cases of Popular Sizes of Semi-Steel Registers, Faces and Borders.

Size	Registers		Faces		Borders	
	Weight, Per Crate	Number in Crate	Weight Per Bundle of 1 Dozen	Weight Each	Weight Per Bundle of 1 Dozen	Weight Each
8x10	70 Lbs.	12	40 Lbs.	.....	57 Lbs.	.....
8x12	82 Lbs.	12	43 Lbs.	.....	60 Lbs.	.....
9x12	88 Lbs.	12	49 Lbs.	.....	63 Lbs.	.....
10x12	102 Lbs.	12	58 Lbs.	.....	66 Lbs.	.....
10x14	111 Lbs.	12	68 Lbs.	.....	69 Lbs.	.....
12x14	137 Lbs.	12	80 Lbs.	.....	84 Lbs.	.....
12x15	141 Lbs.	12	95 Lbs.	.....	90 Lbs.	.....
14x20	137 Lbs.	6	.....	16 Lbs.	.....	10 Lbs.
16x20	110 Lbs.	3	.....	20 Lbs.	.....	12 Lbs.
18x24	105 Lbs.	2	.....	31 Lbs.	.....	13 Lbs.
20x20	.....	.....	.....	28 Lbs.	.....	18 Lbs.
20x24	.....	.....	.....	34 Lbs.	.....	19 Lbs.
20x30	.....	.....	.....	43 Lbs.	.....	20 Lbs.
24x24	.....	.....	.....	40 Lbs.	.....	20 Lbs.
24x30	.....	.....	.....	49 Lbs.	.....	21 Lbs.
24x36	.....	.....	.....	60 Lbs.	.....	23 Lbs.
27x27	.....	.....	.....	52 Lbs.	.....	22 Lbs.
27x38	.....	.....	.....	83 Lbs.	.....	24 Lbs.
30x30	.....	.....	.....	70 Lbs.	.....	23 Lbs.
30x36	.....	.....	.....	82 Lbs.	.....	25 Lbs.
30x48	.....	.....	.....	114 Lbs.	.....	31 Lbs.
36x36	.....	.....	.....	92 Lbs.	.....	27 Lbs.
38x42	.....	.....	.....	120 Lbs.	.....	29 Lbs.
24 in. Round	.....	.....	.....	29 Lbs.	.....	20 Lbs.
30 in. Round	.....	.....	.....	53 Lbs.	.....	22 Lbs.
36 in. Round	.....	.....	.....	81 Lbs.	.....	37 Lbs.

Ventilating Plates.

Discount on Application.

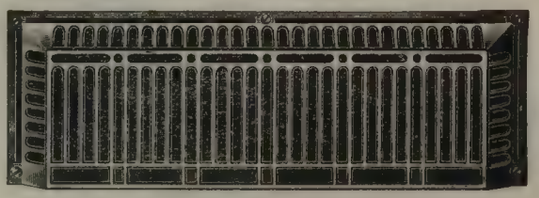
MOUSE PROOF PATTERN

Black Japanned.

Size of Opening, Inches	2x12	2x15	3x9	4x12
Weight Each About, Lbs	3	4	5	5½
Each	$0.60	.75	.55	.85

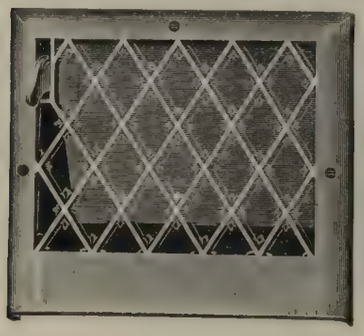
Size of Opening, Inches	4x15	4x18	4x24
Weight Each About, Lbs	6	8	10
Each	$1.10	1.35	1.70

CONVEX BASE BOARD



Black Japanned.

Size of Opening, Inches	5x14	6x18
Weight Each About, Lbs	6	9
Each	$1.20	1.70



Side Wall Registers.

T. & B. IMPERIAL

Without Tin Boxes.

Size of Opening, Inches	8x10	9x12	10x12	10x14
Weight Each About, Lbs	6	7	7½	8
Black Japanned ..... Each,	$2.00	2.50	3.75	4.50
Electro Plated ..... Each,	3.85	4.40	6.00	7.50

All Side Wall Registers Listed in Red are Sizes which we Carry in Stock. Those Listed in Black can be furnished Direct from Factory.

Register Buttons.

For Attaching Registers or Face Plates to Side Walls.

	Per Dozen
Register Buttons—Black Japanned	$0.25
Register Buttons—Nickel Plated	.70

Building Papers.

Prices on Application.

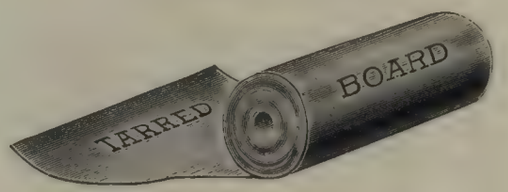
PLAIN STRAW BOARD

Per 100 Pounds

Plain Board—32 in. Wide, Weight 1¼ Lbs. to Square Yard .....$.....

Weight 60 to 80 Pounds Per Roll.

TARRED BOARD



Per 100 Pounds

Tarred Board—32 in. Wide, Weight 1¼ Lbs. to Square Yard .....$.....

Weight 60 to 70 Pounds Per Roll.

BLUE PLASTER BOARD

Per Roll

Blue Plaster Board—36 in. Wide, 250 Square Feet in a Roll, Weight 33 Lbs.....$.....

Blue Plaster Board—36 in. Wide, 500 Square Feet in a Roll, Weight 65 Lbs.....

The Blue Plaster Board is a cheap and durable substitute for Plaster, made from selected Rag Stock.

RED ROPE INSULATING

Per Roll

XXX—Red Rope Insulating Paper, 36 in. Wide, 500 Square Feet in a Roll, Weight 40 Lbs.....$.....

BLACK NEPONSET INSULATING

Per Roll

Black Neponset—Insulating Paper, 36 in. Wide, 500 Square Feet in a Roll, Weight 45 Lbs.....$.....

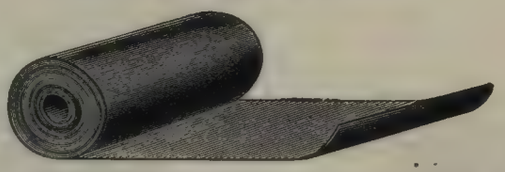
ASBESTOS PAPER

Per 100 Pounds

Asbestos Paper—36 in. Wide, Average Weight Per 100 Square Feet **10 Lbs.**, 50 and 100 Lbs. in Roll.....$.....

Asbestos Paper—36 in. Wide, Average Weight Per 100 Square Feet **14 Lbs.**, 50 and 100 Lbs. in Roll.....

ROSIN SIZED SHEATHINGS



Per Roll

Diamond —Red Rosin Sized, 3-Ply or Filled, 36 in. Wide, 500 Square Feet in a Roll, Weight 40 Lbs.....$.....

Champion —Red Rosin Sized, 3-Ply or Filled, 36 in. Wide, 500 Square Feet in a Roll, Weight 35 Lbs.....

Milwaukee—Red Rosin Sized, 3-Ply or Filled, 36 in. Wide, 500 Square Feet in a Roll, Weight 30 Lbs.....

Model —Red Rosin Sized, 3-Ply or Filled, 36 in. Wide, 500 Square Feet in a Roll, Weight 25 Lbs.....

Rival —Red Rosin Sized, 3-Ply or Filled, 36 in. Wide, 500 Square Feet in a Roll, Weight 20 Lbs.....

TARRED FELT

Per Pound

No. 2—Tarred Felt, Light, 32 in. Wide, Weight 1½ Lbs. to Square Yard, Weight 50 to 60 Lbs. Per Roll.....$.....

No. 1—Tarred Felt, Heavy, 32 in. Wide, Weight 2¼ Lbs. to Square Yard, Weight 50 to 60 Lbs. Per Roll.....

THREADED FELT

Per Roll

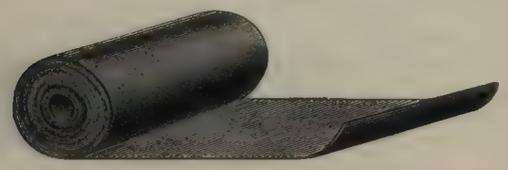
Threaded Felt—32 in. Wide, 500 Square Feet in a Roll, Weight 45 Lbs.....$.....

SLATERS' FELT

Per Roll

Slaters' Felt—36 in. Wide, 500 Square Feet in a Roll, Weight 32 Lbs.....$.....

Deafening Felt.

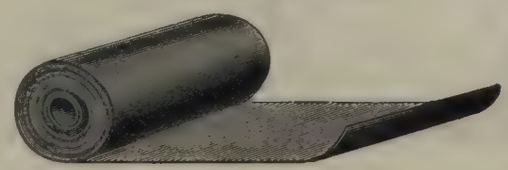


Per Pound

Leader—Deafening Felt, 36 in. Wide, Weight 1 Lb. to Square Yard, Weight 50 to 55 Lbs.....$.....

Leader—Deafening Felt, 36 in. Wide, Weight 1½ Lbs. to Square Yard, Weight 72 to 75 Lbs.....

Carpet Lining.



Per Pound

Plain—Carpet Lining, 36 in. Wide, 50 Yards in a Roll .....$.....

Corrugated—Carpet Lining, 36 in. Wide, 50 Yards in a Roll .....

Weight 35 to 40 Pounds.

Plastering Hair.

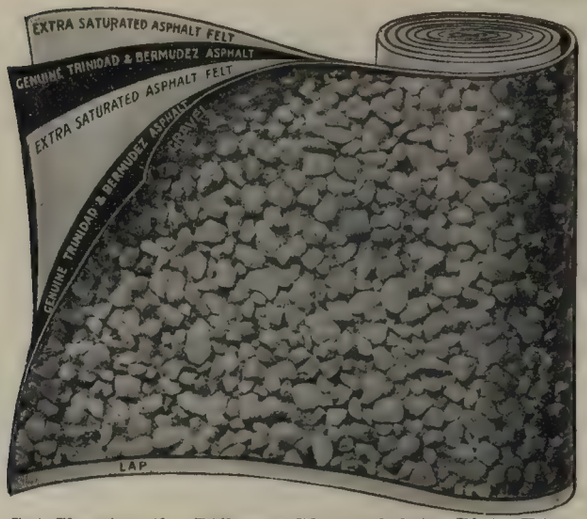
Per Bale

P. P. Red Brand—20 Lbs., 5 Bushel in a Bale.....$.....

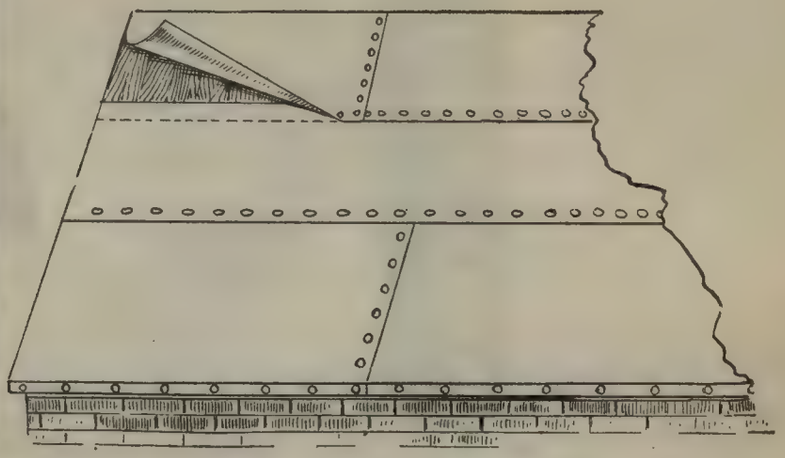
Prepared Roofing.

Prices on Application.

GENASCO STONE SURFACE



Cut Showing the Different Plys and 2 in. Plain Edge which Prevents Leakage at Lap.



Cut Showing Manner of Applying and Lapping.

Complete with Galvanized Nails and Liquid Cement for Laying.

Per Square

Genasco Stone Surface Roofing—32 in. Wide, 108 Square Feet in a Roll, Weight 115 Lbs.....$.....

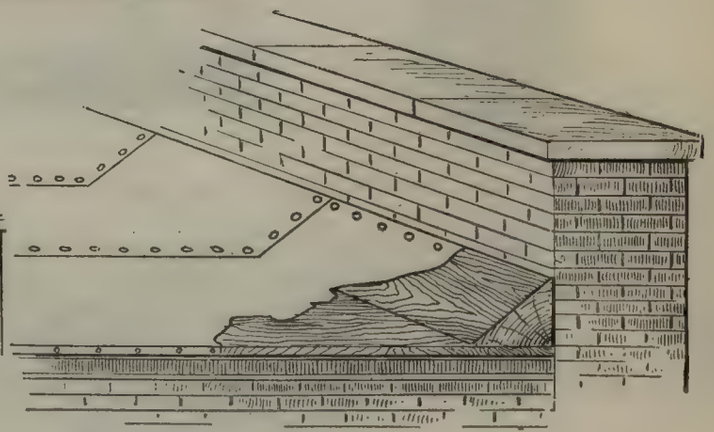
Genasco Stone Surface Ready Roofing is made of two sheets of finest grade wool felt cemented together and coated with specially prepared Trinidad Lake Asphalt. Upon this surface, while it is hot, seashore gravel is rolled. This makes a strong, durable and sensible roofing, and as near fire and acid proof as any ready roofing can be made. It lasts longer than shingles or tin and never requires painting.

All Genasco Brand Ready Roofings are made of Trinidad Lake Asphalt, proven to be the best material to use. It is always pliable or flexible, and is not affected by heat or cold, and will not crack in winter or become soft in summer. Absolutely the highest grade and most durable roofing on the market.

Nails and Liquid Cement for Laying Packed Inside of Each Roll.

GENASCO SMOOTH SURFACE

Cut Showing Manner of Laying.



Cut Showing Manner of Fastening to Side Wall.

Complete with Galvanized Nails and Liquid Cement for Laying.

Per Square

1-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 35 Lbs.....$.....
2-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 45 Lbs.....
3-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 55 Lbs.....

Genasco Smooth Surface Ready Roofing is superior to any so-called Rubber Roofing on the market. It is a slate color, tough and leatherlike material, made from a combination of wool felt and the highest grade of Trinidad Lake Asphalt, not affected by water, acids, alkalies, gases or sudden changes in weather. Flexible, easy to lay, will not dry out and become brittle and break. It does not contain any substitutes for the genuine natural Asphalt.

Nails and Liquid Cement for Laying Packed Inside of Each Roll.

PHOENIX SMOOTH SURFACE

Complete with Bright Nails and Liquid Cement for Laying.

Per Square

1-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 35 Lbs.....$.....
2-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 45 Lbs.....
3-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 55 Lbs.....

A Good Roofing at a Low Price.

Nails and Liquid Cement for Laying Packed Inside of Each Roll.

Prepared Roofing.

Prices on Application.

AMATITE MINERAL SURFACE

ENLARGED SECTIONAL DIAGRAM

Complete with Nails and Liquid Cement for Laying.

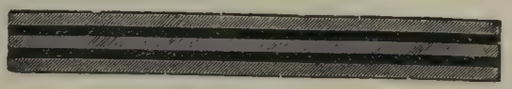
Per Roll

Amatite Mineral Surface Roofing—32 in. Wide, 110 Square Feet in a Roll, Weight Per Roll 100 Lbs.....$.....

Consists of two sheets of thoroughly waterproofed, long fibre wool felt which are solidly cemented together with special run coal tar pitch. The wearing surface is applied at the factory by covering the side to be exposed to the weather with a specially prepared coal tar pitch into which is tightly embedded a uniform and even layer of special non-conductive Amatite surfacing, making painting absolutely unnecessary.

BLACK DIAMOND

Two-Ply.



Three-Ply.

The above Cuts show the Construction of our Two and Three-Ply Black Diamond Roofing Felt.

Per Roll

2-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 45 Lbs.....$.....
3-Ply—32 in. Wide, 108 Square Feet in a Roll, Weight 70 Lbs.....$.....

Two-Ply consists of two sheets of the best quality Tarred Felt, with one layer of waterproof composition.
Three-Ply consists of three sheets of the best quality Tarred Felt, with two layers of waterproof composition.
It requires 2 gallons of Cement (for two coatings), 1½ pounds Tin Caps and 1 pound Barbed Roofing Nails to lay One Square of Roofing.

Roofing Caps or Discs.

Per Pound

Tin Roofing Caps or Discs—1¼ in. Diameter, without Nails.....$.....

For Roofing Nails See Page 1005.

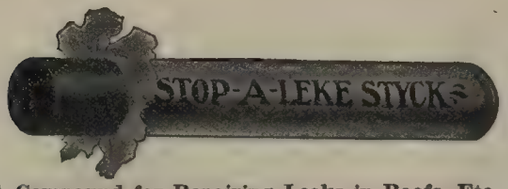
Roofing Brushes.

Gray Bristle Outside, Mixed Stock Inside.

Per Dozen

No. 30—3 Knot, Weight Per Dozen About 12 Lbs....**$13.50**
No. 40—4 Knot, Weight Per Dozen About 15 Lbs.... **18.00**

Stop-a-Leke Styck.



A Compound for Repairing Leaks in Roofs, Etc.

	Per Dozen
Stop-a-Leke Stycks—12x1½ in., Weight Per Dozen About 7 Lbs	**$3.35**

Leaks of every description can be repaired permanently and in a moment's time with Stop-a-Leke Styck. Can be used on any class of roofing, tar and gravel, felt, iron, steel, slate, tile or shingles.

One Dozen Stycks in a Carton.

Roof Coating.

	Per Gallon
In 5 Gallon Jacket Cans	$0.45
In 10 Gallon Jacket Cans	.45
In ½ Barrels	.29
In Barrels	.22

Weight Per Gallon About 12 Pounds.

Roofing Paint.

LIBERTY ELASTIC

	Per Gallon
In 1 Gallon Cans	$1.00
In 5 Gallon Cans	.90
In ½ Barrels	.80
In Barrels	.70

Barn Paint.

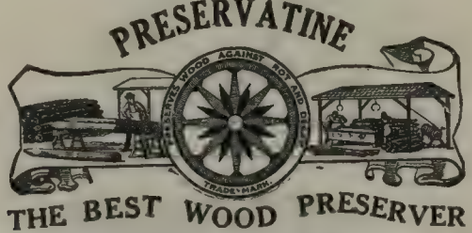
RED KOTE

For Barn Roofs, Bridges, Etc.

	Per Gallon
In 1 Gallon Cans	$1.45
In 5 Gallon Cans	1.35
In ½ Barrels	1.35
In Barrels	1.25

Weight Per Gallon About 12 Pounds.

Wood Preserver.



Preservatine, a Disinfecting, Impregnating Fluid which Destroys the Fungus and Other Nitrogeneous Matter Contained in Woodwork.

	Per Gallon
In 1 Gallon Cans (1 Dozen Cans in a Case)	$1.70
In 5 Gallon Cans	1.45
In 10 Gallon Cans	1.35
In Barrel (Containing Between 50 and 60 Gallons)	1.15

Preservatine preserves Wood above or below Ground or Water against rot and decay for at least three times its natural lifetime. It is a penetrating, disinfecting Paint Stain, applied with a brush or by dipping, and gives the wood a Nut Brown Color. Infallible as an exterminator of Chicken Lice and Mites. A good Fly Chaser and Excellent Disinfectant.

Steel Wool.

Nos.	0	1	2	3
Takes Place of	Pumice Stone	No. 0 Sand Paper	Nos. ½ & 1 Sand Paper	Nos. 1½ & 2 Sand Paper
In 10c Pkgs.....Per Dozen,	$1.70	1.70	1.70	1.70
In 1 Lb. Pkgs.....Per Pound,	1.00	.75	.70	.62

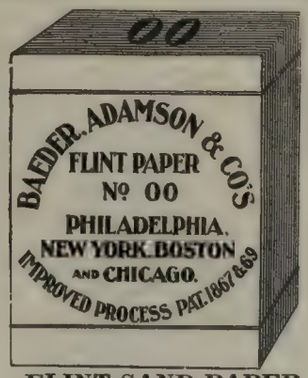
One Dozen 10 Cent Packages or 1 Lb. in a Package.

Steel Wool is a mass of fine fibres of steel resembling curled hair, which, while sharp, do not scratch, but will cut as smoothly as the finest abrasive material heretofore used. It is the best article for rubbing off varnish, shellac, etc., for various uses where sandpaper, pumice stone and other rubbing materials are used, and doing the work quicker.

Sand and Garnet Paper.

Write for Prices.

BAEDER, ADAMSON & CO.'S



FLINT SAND PAPER

In Sheets, 9x11 in.

Nos.	00	0	½	1	1½	2	2½	3
Weight Per Ream, About, Lbs.	15	18	23	26	33	41	47	51
Per Ream	$6.25	6.25	6.25	6.75	7.25	7.75	8.25	9.50

GARNET PAPER

In Sheets, 9x11 in.

Nos.	0	½	1	1½	2	2½	3
Weight Per Ream, About, Lbs.	17	22	25	32	40	46	50
Per Ream	$6.50	6.50	7.00	7.50	8.00	8.50	9.75

One-half Ream in a Bundle.

FLINT SAND PAPER

In Rolls, 24 in. Wide.

Nos.	1	1½	2	2½	3	3½	4
Weight Per Roll, About, Lbs.	29	36	44	50	54	60	66
Per Roll	$7.25	7.75	8.50	9.25	10.25	11.25	12.25

GARNET PAPER

In Rolls, 24 in. Wide.

Nos.	1	1½	2	2½	3
Weight Per Roll, About, Lbs.	29	36	44	50	54
Per Roll	$7.75	8.00	8.50	9.25	10.25

50 Yards in a Roll.

STAR FLINT SAND PAPER

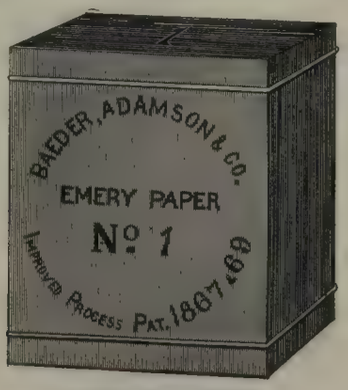
In Sheets, 8¾x10½ in.

Nos.	00	0	½	1	1½	2	2½	3
Weight Per Ream, About, Lbs.	13	16	21	24	31	39	45	49
Per Ream	$4.25	4.25	4.25	4.75	4.75	4.75	5.25	5.25

One-half Ream in a Bundle.

Emery Paper and Cloth.

BAEDER, ADAMSON & CO.'S.



EMERY PAPER

In Sheets, 9x11 in.

Nos.	00	0	½	1	1½	2	2½	3
Weight Per Ream, About, Lbs.	24	27	35	39	43	47	51	55
Per Ream	$10.25	10.25	10.25	12.00	12.75	13.50	15.50	18.25

EMERY CLOTH

In Sheets, 9x11 in.

Nos.	Crocus	00	0	½	1	1½	2	2½	3
Weight Per Ream, About, Lbs.	20	25	30	40	43	46	50	55	61
Per Ream	$26.50	26.50	26.50	26.50	28.50	29.75	30.75	33.00	35.25

Emery Paper, One-half Ream; Emery Cloth, One-quarter Ream in a Bundle.

Window Glass.

Prices on Application.

List Adopted March 1, 1913.

Per Box of 50 Square Feet.

Sizes	United Inches	Single Strength		Double Strength.	
		AA	A	AA	A
6x8 to 10x15 in.	25	$35.00	$30.00	$46.00	$40.50
11x14 / 12x13 } to 14x20 in.	34	36.50	31.00	50.00	44.50
10x26 to 16x24 in.	40	39.00	33.00	55.00	48.50
18x22 / 20x20 } to 20x30 in.	50	42.50	37.00	61.00	54.50
15x36 to 24x30 in.	54	44.00	38.00	62.50	56.00
26x28 to 24x36 in.	60	45.00	40.00	64.00	57.00
26x34 / 28x32 / 30x30 } to 30x40 in.	70	48.00	43.50	68.00	61.00
32x38 / 34x36 } to 30x50 in.	80	54.00	49.50	73.00	66.50
30x52 to 30x54 in.	84	57.00	52.50	74.50	68.00
.....	90	.....	.....	78.50	72.00
.....	94	.....	.....	80.00	73.00
.....	100	.....	.....	93.00	85.00
.....	105	.....	.....	194.50	178.50
.....	110	.....	.....	216.00	200.00
.....	115	.....	.....	242.50	221.00
.....	120	.....	.....	285.00	258.00
.....	125	.....	.....	312.00	285.50
.....	130	.....	.....	339.00	312.50

An additional 10 per cent will be charged for all Glass more than 40 inches wide. All sizes over 52 inches in length, and not making more than 81 united inches, will be charged in the 84 united inches bracket. All Glass 54 inches wide or wider, not making more than 116 united inches, will be charged in the 120 united inches bracket.

Putty.

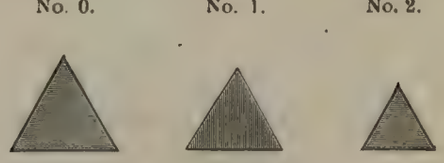
	Per Pound
Extra Quality, in Bladders	$0.06

Three Hundred Pounds in a Barrel.

Extra Quality, in Cans.

Size of Cans, Lbs.	1	25	50
Per Dozen Cans	$1.00		
Per Can		$1.45	2.55

Zinc Glaziers' Points.



In Quarter Pound Papers.

Nos.	0	1	2
Per Dozen Papers	$0.90	.90	.90

In Half Pound Papers.

Nos.	0	1	2
Per Dozen Papers	$1.80	1.80	1.80

Liquid Glue.

LE PAGE'S

No. 9.

Nos. 10 and 11.

Family Size.

		Per Gross
No. 9—In 1 Oz. Collapsible Tubes, Weight Per Dozen 2 Lbs.		**$21.25**
No. 10—In 1 Oz. Bottles, Weight Per Doz. 3	Lbs..	**21.25**
No. 11—In 2 Oz. Bottles, Weight Per Doz. 4½	Lbs..	**33.00**
No. 12—In ½ Gill Cans, Weight Per Dozen 3¼	Lbs..	**33.00**
No. 13—In 1 Gill Cans, Weight Per Dozen 5	Lbs..	**44.00**

One Dozen in a Box.

Nos. 12 and 13.

Nos. 14 and 16.

Mechanics'.

		Per Dozen
No. 14—In ½ Pint Cans, Weight Per Dozen 12 Lbs..		**$ 5.40**
No. 15—In 1 Pint Cans, Weight Per Dozen 21 Lbs..		**9.00**
No. 16—In 1 Quart Cans, Weight Per Dozen 38 Lbs.		**15.80**
No. 17—In ½ Gallon Cans, Wt. Per Doz. 70 Lbs...		**30.70**
No. 18—In 1 Gallon Cans, Wt. Per Doz. 134 Lbs...		**60.00**

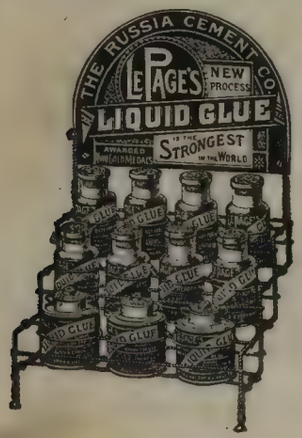
No. 14, Two Dozen; Nos. 15 and 16, One Dozen; Nos. 17 and 18, One-half Dozen in a Case.

	Per Gallon
No. 19—In 5 Gallon Cans	**$4.65**

Weight Each About 55 Pounds.

One Can in a Box.

Liquid Glue Assortments.



	Per Case
No. 20—Assortment, Containing 2 Dozen No. 10 and 1 Dozen No. 12 Family Size, with Display Stand	**$6.25**

Weight Each About 12 Pounds.

One Assortment in a Case.

Fix-All Cement.

	Per Dozen
Fix-All Cement—In Tin Boxes	**$1.80**

For Mending Enameled Ware, Tin Ware, China, Furniture, Etc.
Weight Per Dozen About 2 Pounds.

Sheet Glue.

	Per Pound
No. 2—Cabinet Makers'	**$0.26**
No. 3—Ribbon	**.35**
No. 4—Extra White	**.36**
No. 5—Amber Ground	**.30**

Glue Kettles.

Cast Iron, Japanned.

White Enameled Inside.

Nos.	00	0	1	2	3
Weight Per Dozen, Lbs..	40	45	51	69	90
Per Dozen	**$8.55**	**9.35**	**10.50**	**13.05**	**16.00**

Tinned Inside.

Nos.	00	0	1	2	3
Weight Per Dozen, Lbs..	40	45	51	69	90
Per Dozen	**$9.80**	**10.65**	**12.00**	**14.95**	**18.25**

DEPARTMENT No. 5

HOUSE FURNISHING GOODS

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 5

HOUSE FURNISHING GOODS

COFFEE MILLS, SCALES REFRIGERATORS

Cobblers' Supplies
Faucets
Brushes
Traps
Oil Cans
Bird Cages

Meat and Food Choppers
Bath Room Fixtures
Sad Irons
Stoves
Oilers

Sewing Machines
Washing Machines
Wash Wringers
Lanterns
Oil
Store Fixtures

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

E

Page

Even Balance Scales..... 1114
Extension Front Grates—Stove.. 1237
Extension Ladders 1284
Extension Strainers 1222
Extractors—Meat Juice 1146
Extras—
For Churns 1216
For Enterprise Choppers.. 1144
For Food and Meat Choppers .....1142 to 1144
For Ice Cream Freezers.. 1167, 1168
For Universal Choppers.. 1143
Eyers—Pineapple 1146

F

Family Choppers 1140
Family Sad Irons 1194
Family Scales 1109, 1110
Fancy Weighing and Measuring Scales 1120
Faucets—
Automatic 1135
Bibb 1136
Brass 1136
Cork Lined 1135
Fuller Bibbs 1136
Hose Bibb 1136
Leather Lined 1135
Loose Key 1136
Measuring 1138
Metal Key 1135
Milk Can 1137
Molasses 1137
Oil 1137
Oil Can 1137
Petroleum Oil 1137
Racking Cock 1136
Self Measuring 1138
Wood 1135
Feather Dusters 1183
Felt Boot Taps..... 1129
Fibre Chair Seats..... 1204
Fibre Pails 1213
Field or Storage Tank—Gasoline. 1266
Figures—
Brass 1134
Steel 1134
Stencil 1134
Filters—
Water 1135
Water Separating 1267
Fire Backs 1237
Fire Pokers 1236
Fire Shovels 1235
Fisher Traps 1227
Fixtures—
Bath Room .....1173 to 1177
Duluth Hardware Store.. 1288 to 1294
Toilet Paper 1176
Flat Varnish Brushes.....1184
Flax Seed Testers 1116
Flax Twine 1127
Floor Brushes 1188
Floor Cleaners 1189
Floor Show Cases.....1285, 1286
Floor Ventilators 1232
Flounce Irons 1192
Flour Sieves 1221
Flour Sifters 1221
Flowing Varnish Brushes..... 1184
Flue Doors 1239
Flue Stoppers 1234
Flue Ventilators 1239
Fly Killers 1220
Fly Traps 1220
Food Chopper Parts 1142, 1143
Food Choppers 1142, 1143
Founts—Lamp 1260
Founts and Burners..... 1260
Fox Traps 1227, 1228
Frames—
Chimney Cap 1239
Ventilator 1239
Freezer Cans 1169
Freezer Clamps 1169

F

Page

Freezer Repairs 1167, 1168
Freezers—Ice Cream....1167 to 1169
Front Stove Grates—Extension.. 1237
Fruit and Jelly Strainers..... 1222
Fruit Presses 1145, 1146
Fruit Scales 1107
Fryers—Potato 1224
Fuel Chutes 1238
Fuller Bibbs 1136
Fuller Rubber Balls..... 1136
Funnel Scoops 1112
Funnel Can Oilers..... 1271
Funnels—
Automatic 1267
Gasoline 1267
Furnace Cement 1242
Furnace Pipe Elbows 1231
Furniture Nails 1178

G

Game Traps 1227, 1228
Gas Chimneys 1263
Gas Mantles 1262
Gasoline 1269
Gasoline Cans 1265, 1267
Gasoline Funnels 1266
Gasoline Mantles 1262
Gasoline Sad Irons 1193
Gasoline Stove Ovens 1253, 1254
Gasoline Stoves 1252
Gasoline Tanks 1266
Gasoline Torch Burners 1261
Gasoline Torches 1261
Gate Collars—Weigh Can..... 1137
Gates—
Molasses 1137
Oil 1137
Self Measuring 1138
Weigh Can 1137
Geese—Tailors' 1194
Girls' Sad Irons..... 1194
Glass and Soap Holders..... 1173
Glass and Tooth Brush Holders.. 1173
Glass Cutters 1197
Glass Founts 1260
Glass Holders 1173
Glass Racks—Hardware Store... 1293
Glass Reflectors 1260
Globes—
Lamp 1263
Lantern 1264
Glovers' Needles 1128
Gold Paint 1240
Gopher Traps 1227
Grain or Pork Scales..... 1120
Grain Testers 1108
Grates—
Basket, Stove 1237
Duplex 1237
Extension Front, Stove... 1237
Grease—
Cup 1269
Transmission 1269
Greiths—Steak 1140
Grizzly Bear Trap..... 1228
Grocers' Scales 1112, 1113
Guard Cloth—Bird Cage..... 1276

H

Hair Curlers 1197
Half Soles 1129
Ham Stringers 1141
Ham Triers 1141
Hammers—Steak 1139
Hand Brushes 1181
Handled Sink Brush..... 1181
Handles—
Mop 1206
Sad Iron 1194
Self Measuring Pump.... 1138
Window Brush 1189
Hanging Lamp Globes 1263
Hanging Lamps 1258, 1259
Hardware Boxes 1294
Hardware Cabinets 1288, 1289
Hardware Shelving 1290
Hardware Store Fixtures.1288 to 1294
Harness Menders 1133

H

Harness Needles 1128
Hay Scales 1122
Heads—
Cylinder 1231
Whitewash 1187
Heaters—
Air Tight 1247
Hot Blast 1247, 1248
Oak 1249
Oil 1245, 1246
Sad Iron 1194
Heating Stoves— Page
Air Tight 1247
Coal and Wood...1247 to 1249
Hot Blast 1247, 1248
Oil 1245, 1246
Heel Plates—Shoe 1131
Heel Stiffeners 1131
Heels—
Leather 1129
Rubber 1130
Hemlock Squares 1129
Hemp Twine 1127
Hods—Coal 1234
Hog Scrapers 1141
Holders—
Broom 1190
Brush and Mop..... 1206
Christmas Tree 1217
Combination Glass and Soap 1173
Combination Tooth Brush and Glass 1173
Glass 1173
Match 1176
Mop and Brush..... 1206
Paper 1127
Shoe 1132
Soap 1173
Sponge 1174
Toilet Paper 1176
Tooth Brush 1174
Tumbler, Wire 1223
Twine 1128
Whisk Broom 1175
Hooks—
Beam 1141
Drapery Pin 1179
Meat 1141
Picture 1177
Robe 1174
Selecting 1141
Thumb Tack and..... 1177
Wall 1176
Hoops—Tub 1213
Horse Pails 1213
Hose Bibbs 1136
Hotel Ice Cream Freezers..... 1167
Hot Blast Heaters.....1247, 1248
House Brooms 1190
Hullers—Strawberry 1146

I

Ice Balances 1106
Ice Cream Dishers 1169
Ice Cream Freezers .....1167 to 1169
Ice Chippers 1170
Ice Chisels 1170
Ice Picks 1170
Ice Scales 1106
Ice Shaves 1170
Ice Tongs 1170
Incubating Thermometers 1196
Indurated Fibre Pails..... 1213
Ink—Stencil 1134
Inverted Gas Mantles..... 1262
Iron Enamel 1241
Ironing Boards 1203
Ironing Boards and Stands..... 1203
Irons—
Asbestos Lined Sad..... 1192
Charcoal Sad..... 1194
Common Sad 1193
Curling 1197
Electric 1193
Family Charcoal 1194
Flounce 1192

I

Irons—*Continued.* Page
Gasoline 1193
Lace 1192
Laundry 1192
Pinking 1197
Polishing 1193
Sad .....1192 to 1194
Sleeve 1192
Tailors' Charcoal 1194
Tailors' Geese 1194
Thermo-Cell Sad 1193
Tourist Sad 1192
Toy Sad 1194
Waving 1197

J

Jacket Cans—Wood 1267
Janitor Mops 1206
Japanned Bird Cages.....1274, 1275
Jelly Presses 1146
Jelly Strainers 1222
Joints—
Roof 1238
Stove Pipe 1230
T 1230
Taper 1230
Jumbo Blocks—Oak 1129
Junior Gasoline Stoves..... 1252
Jute Twine 1127

K

Kalsomine Brushes 1186
Kerosene 1269
Killers—Fly 1220
Kitchen Cabinets 1164, 1165
Kitchen Side Lamps..... 1258
Kits—Cobbler 1132
Knife Trays 1214
Knives—
Chopping 1139
Mincing 1139
Kraut Cutters 1218

L

Lace Sad Irons..... 1192
Ladders—
Extension 1284
Long 1284
Rolling Shelf 1284
Step 1283
Store 1284
Ladles—Butter 1216
Lamp Burners 1260
Lamp Chimneys 1263
Lamp Founts 1260
Lamp Globes—
Hanging 1263
Street 1263
Lamp Stove Wicks 1261
Lamp Stoves 1243
Lamp Wicks 1261
Lamps—
Bracket 1258
Dash Board 1256
Driving 1256, 1257
Hanging 1258, 1259
Kitchen Side 1258
Mammoth 1258
Search Light 1258
Side 1257
Square 1259
Street 1259
Tubular Side 1257
Lantern Burners 1261
Lantern Globes 1264
Lantern Wicks 1261
Lanterns—
Acetylene 1256
Cadet 1256
Cold Blast 1255
Dash 1256
Police 1259
Railroad 1256
Tubular 1255
Lap Lasts 1132
Lard Presses 1145
Larding Needles 1128

L

Page
Lasts—
Combination 1132
Lap 1132
Shoe 1132
Lasts and Stands—Shoe..... 1132
Laundry Irons 1192
Laundry Stoves 1249
Lavo—Sweeping 1190
Lead—Black 1242
Leather Cabinets—Sole 1130
Leather Cement 1131
Leather Strips—
Chrome 1130
Oak 1130
Lemon Squeezers 1171
Lens—Driving Lamp 1256
Letter and Figures—
Brass 1134
Steel 1134
Stencil 1134
Lever Butter Workers..... 1216
Lifters—Stove Cover 1236
Lifts—Top, Shoe 1129
Lights—Search 1258
Lines—Clothes 1205
Lining Cement—Stove 1242
Linoleum Binding 1229
Linseed Oil Soap..... 1269
Liquid Iron Enamel..... 1241
Liquid Veneer 1240
Liquid Veneer Assortment 1240
Long Ladders 1284
Lubricating Oil 1268
Lynx Trap 1227

M

Machine Oilers 1270
Machines—
Sewing .....1277 to 1281
Washing .....1209 to 1212
Machinists' Brushes 1183
Malleable Oilers 1270
Mammoth Hanging Lamps..... 1258
Mangles—Clothes 1202
Mantles—
Gas 1262
Gasoline 1262
Inverted 1262
Market Scales 1109
Marking Brushes 1185
Mashers—Potato 1146, 1214
Match Holders 1176
Match Safes 1176
Mattress Twine 1127
Measures—
Automobile 1267
Gasoline 1267
Measuring Cups—Glass 1221
Measuring Faucets 1138
Measuring Scales 1120
Meat Boards 1214
Meat Broilers 1224
Meat Chopper Parts ....1142 to 1144
Meat Choppers .....1142 to 1144
Meat Cutters .....1142 to 1144
Meat Hooks 1141
Meat Juice Extractors 1146
Meat Tenderers 1140
Men's Taps 1129
Metal Key Faucets 1135
Metal Polish 1240
Mica 1229
Milk Can Brushes 1181
Milk Can Faucets 1137
Milk Scales 1109
Mill Brooms 1190
Mills—Coffee .....1101 to 1105
Mincing Knives 1139
Miners' Scales 1122
Mink Traps 1227, 1228
Mirrors—
Oval 1174
Square 1174
Mixor Spoons 1214
Molasses Gates 1137

M

Page
Mole Traps 1226
Money Drawers 1287
Mop and Brush Holders..... 1206
Mop Handles 1206
Mop Sticks 1206
Mop Wringers 1206
Mops—
Cotton 1206
Detachable 1206
Dish 1223
O'Cedar Dusting 1207
O'Cedar Polish 1207
Slasher 1206
Motor Washing Machines.1209 to 1211
Moulding Hooks 1177
Moulds—Butter 1217
Mouse Traps 1225
Mowing Machine Oilers..... 1271
Muskrat Traps 1227

N

Nail Bags 1126
Nail Bin Scales 1293
Nail Bins—Revolving 1293
Nails—
Furniture 1178
Oil Cloth Binding..... 1229
Picture 1176
Upholsterer 1178
Needle Assortment 1282
Needles—
Curved Upholsterers' 1128
Glovers' 1128
Harness 1128
Larding 1128
Packing 1128
Sail 1128
Sewing Machine 1282
Speying 1128
Upholsterers' 1128
Nested Stove Pipe..... 1230
Nubian Enamel 1241

O

Oak Blocks 1129
Oak Heaters 1249
Oak Squares 1129
O'Cedar Dust Cloths 1206
O'Cedar Dusters 1206
O'Cedar Mops 1206
O'Cedar Polish 1206
Oil—
Automobile 1268
Lubricating 1268
Sewing Machine 1282
Oil and Molasses Gates..... 1137
Oil Can Faucets 1137
Oil Cans 1265, 1266
Oil Cloth Binding 1229
Oil Cloth Binding Nails 1229
Oil Cloth Rugs 1229
Oil Cooking Stoves 1243
Oil Faucets 1137
Oil Faucets—Petroleum 1137
Oil Heaters 1245, 1246
Oil Heater Wick Tubes..... 1245
Oil Heater Wicks 1245, 1246
Oil Pumps 1138, 1267
Oil Stove Ovens 1253, 1254
Oil Soap—Linseed 1269
Oil Stove Wicks 1245, 1246, 1251
Oil Stoves .....1243 to 1246
Oil Tanks 1266
Oiler Spouts 1270, 1271
Oilers—
Automatic 1270
Brass 1270
Chace's 1270
Copper 1270
Copper Plated 1272
Copperized 1272
Funnel Can 1271
Hammer's 1270
Howland 1272
Machine 1270

O

Oilers—*Continued.* Page
Malleable 1270
Maple City 1272
Mowing Machine 1271
Paragon 1270
Pieced Tin 1270
Railroad 1272
Steel 1272
Zinc 1270
Openers—Can 1171
Otter Traps 1228
Outfits—Cobblers' 1133
Oval Mirrors 1174
Oval Varnish Brushes 1184
Ovens—Oil and Gasoline Stove.. 1253, 1254

P

Package Scales 1112, 1116
Packing Needles 1128
Pails—
Horse 1213
Water, Fibre 1213
Water, Wood 1213
Wooden, Cable 1213
Wooden, Dowel 1213
Wooden, Grained 1213
Paint—
Aluminum 1240
Gold 1240
Paint Brushes 1185
Painters' Dusters 1186
Painters' Scratch Brushes 1183
Paper—
Cash Register 1287
Printed Wrapping 1125
Toilet 1176
Wrapping 1125, 1126
Paper Balers—Waste 1124
Paper Cutters and Holders..... 1126
Paper Holders—Toilet 1176
Paragon Oilers 1270
Parcel Post Scales..... 1111
Parers—
Apple 1147
Potato 1147
Parers and Slicers..... 1147
Parlor Brooms 1190
Parrot Cages 1275
Parts—
Food and Meat Chopper.. 1142 to 1144
Ice Cream Freezer..1167, 1168
Peg Breaks 1132
Pepper and Salt Cabinets..... 1215
Petroleum Oil Faucets..... 1137
Physicians' Scales 1120
Picks—Ice 1170
Picture Chains 1178
Picture Cord—Wire 1177
Picture Hooks 1177
Picture Nails 1177
Pineapple Eyers 1146
Pinking Irons 1197
Pin Hooks—Drapery 1179
Pins—
Clothes 1205
Rolling 1214
Pipe—Stove 1230
Pipe Collars—Stove 1233
Pipe Dampers—Stove 1233
Pipe Elbows—Stove 1231
Pipe Registers—Stove 1232
Pitless Wagon Scales..... 1123
Plain Bibbs 1136
Plastic Cement 1242
Plates—Heel 1131
Plate Glass Shelves 1174
Plate Scrapers 1223
Platform Counter Scales 1115
Platform Scales .....1117 to 1120
Platform Ice Cream Freezer.... 1168
Pneumatic Cleaners 1191
Pocket Stoves 1244
Poises—Scale Beam 1108
Pokers—Fire or Stove..... 1236

P

Page
Pole Brackets—Curtain 1179
Pole Rings—Curtain 1179
Pole Sets—Curtain 1179
Pole Sockets—Curtain 1179
Poles—Window Brush 1189
Police Lanterns 1259
Polish Mops—O'Cedar 1207
Polish—
O'Cedar 1207
Metal 1240
Stove .....1240 to 1242
Polishers—Shoe 1183
Polishing Irons 1193
Pomade—Universal Putz 1240
Poppers—Corn 1219
Pork Scales 1120
Portable Ovens—Stove 1253, 1254
Portable Platform Scales.1117 to 1120
Post Scales—Parcel 1111
Postal Scales 1111, 1115
Potato Bakers 1224
Potato Fryers 1224
Potato Mashers 1146
Potato Parers 1147
Potato Slicers 1147
Pot Cleaners 1223
Pounder Washer 1212
Power Ice Cream Freezer..... 1168
Power Meat Choppers 1144
Presses—
Combination Fruit ..1145, 1146
Fruit 1145
Jelly 1146
Lard 1145
Vegetable 1146
Wine 1146
Pressure Screws—Wringer 1202
Pullers—Cork 1172
Pump Oil Cans..... 1266
Pumps—
Oil 1138, 1267
Self-Priming 1138
Putty—Stove 1242
Putz Pomade 1240

R

Raccoon Traps 1227, 1228
Racking Cocks 1136
Racks—
Clothes 1203
Glass 1293
Towel 1175
Radiator Brushes 1183
Radiators 1246
Railroad Lantern Globes 1264
Railroad Lanterns 1256
Railroad Oilers 1272
Rasin Seeders 1146
Rat Traps 1226
Redlich's Faucet 1135
Reducing Rings 1237
Reels—Clothes Line 1205
Reflectors—Glass 1260
Refrigerators—
Challenge Iceberg..... 1148 to 1152
Glacier Sanitary..1160 to 1163
Grand 1159
Triumph .....1153 to 1155
Victor .....1156 to 1158
Registers—
Cash 1287
Stove Pipe 1232
Repairs—
Food Chopper....1142 to 1144
Ice Cream Freezer..1167, 1168
Meat Chopper 1144
Revolving Nail Bins.....1293
Rings—
Curtain 1178
Cylinder 1231
Reducing 1238
Screw, Brass 1178
Stove Pipe 1233

R

Page
Robe Hooks 1174
Rod Brackets—Curtain..... 1178
Rods—
Curtain 1179
Stair 1178
Roll Paper Holders and Cutters.. 1126
Roller Brackets—Spring Shade.. 1178
Rollers—Towel 1204
Rolling Pins 1214
Rolling Shelf Ladders 1284
Rolls—Wringer 1201
Roof Joints 1238
Roof Saddles 1238
Rubber Balls—Fuller 1136
Rubber Boot Taps 1130
Rubber Heels 1130
Rubber Cement 1131
Rugs—Oil Cloth 1229

S

Sad Iron Handles 1194
Sad Iron Heaters 1194
Sad Iron Stands 1194
Sad Irons .....1192 to 1194
Saddles—Roof 1238
Safes—Match 1176
Safety Match Holders..... 1176
Sail Needles 1128
Salt and Pepper Cabinets..... 1215
Salt Boxes 1215
Sanitary Brushes 1181
Sash Tools 1185
Sausage Stuffers 1145
Scale Beams 1108
Scale Weigh Books 1108
Scale Weights 1108
Scales—
Acme Counter 1115
Ball 1112
Bath Room 1120
Butcher or Market..... 1109
Butter 1112, 1114
Candy 1112, 1116
Cloth 1121
Computing 1111, 1116
Confectionery 1109
Counter 1109
Crown Beam 1120
Dairy 1109, 1120
Dormant 1121
Drop Lever 1119
Even Balance 1114
Family 1109, 1110
Flax Seed Tester..... 1116
Fruit 1107
Grain or Pork..... 1119
Grocers' 1112, 1113
Hay 1122, 1123
Ice 1106
Letter 1111, 1115
Mail 1111, 1115
Market 1109
Measuring 1120
Milk 1109
Miners' 1122
Nail Bin 1293
Package 1112, 1116
Parcel Post 1111
Physicians' 1120
Pitless Wagon 1123
Platform Counter 1115
Platform, Portable ..... 1117 to 1120
Pork 1119
Portable Platform.1117 to 1120
Postal 1111, 1115
Spring Balance 1106
Tea 1112
Tobacco 1116
Transportation 1122
Union Counter 1113, 1116
Vermont Counter 1115
Vegetable 1107

S

Scales—*Continued.* Page
Wagon 1122, 1123
Warehouse 1121
Weighing and Measuring. 1120
Wheelbarrow 1119
Scrapers—
Block 1141
Hog 1141
Plate 1223
Butchers' Block 1141
Stove 1236
Scratch Brushes 1183
Screw Rings 1178
Screws—
Cork 1172
Pressure, Wringer 1202
Reflector 1260
Scrubbing Brushes 1181
Search Lights 1258
Seats—
Bath Tub 1174
Chair 1204
Sectional Stove Covers 1237
Sectional Wall Shelving 1290
Seeders—Rasin 1146
Selecting Hooks 1141
Self-Measuring Faucets 1138
Self-Priming Pumps 1138
Separator Brushes 1180
Setting Clamps 1228
Sewing Machine Belts 1282
Sewing Machine Bobbins 1282
Sewing Machine Needles 1282
Sewing Machine Oil 1282
Sewing Machine Shuttles 1282
Sewing Machines .....1277 to 1281
Shakers—Stove 1236
Shavers—Beef 1138
Shaves—Ice 1170
Shelf Ladders—Rolling..... 1284
Shelves—Plate Glass 1174
Shelving—Sectional Wall 1290
Shoe Brushes 1182
Shoe Daubers 1182
Shoe Holders 1132
Shoe Lasts 1132
Shoe Lasts and Stands..... 1132
Shoe Polishers 1182
Shoe Repair Outfits 1133
Shoe Sole Cabinets 1130
Shoe Soles 1129
Shoe Thread 1131
Shoe Wax 1131
Shot Bags 1126
Shovel Sifters 1235
Shovels—
Fire 1235
Stove 1235
Show Cases—
Counter 1289
Floor 1285, 1286
Shuttles—Sewing Machine 1282
Side Coffee Mills.....1101, 1105
Side Lamps—
Bracket 1258
Driving 1257
Kitchen 1258
Tubular 1257
Sieves—
Ash 1235
Coal 1235
Flax, Seed Testers..... 1116
Flour 1221
Sifters—
Ash 1235
Coal 1235
Flour 1221
Shovel 1235
Silver Cream 1240
Sink Brushes 1181
Sink Cleaners 1223
Skunk Traps 1227, 1228
Slab Soap Dishes..... 1173
Slaw Cutters 1219
Sleeve Irons 1192

S

Slicers— Page
Beef 1138
Bread 1218
Potato 1147
Vegetable 1218
Soap—Linseed Oil 1269
Soap Dishes—
Bath Tub 1173
Slab 1173
Wall, Bath Room..... 1173
Wire 1223
Soap Holders 1223
Sole Leather Cabinets 1130
Sole Leather Strips 1130
Soles—
Half 1129
Wear Proof 1129
Spades—Butter 1216
Speying Needles 1128
Spice Boxes 1215
Spice Cabinets 1215
Spinning Wheels 1218
Sponge Holders 1174
Spoons—
Basting, Wood 1214
Mixor 1214
Spout Strainers 1222
Spouts—Oiler .....1270 to 1272
Spring Balances 1106, 1107
Spring Shade Roller Bracket.... 1178
Spring Twine 1127
Springs—Bird Cage 1276
Square Lamps 1259
Square Mirrors 1174
Squares—
Hemlock 1129
Oak 1129
Squeezers—Lemon 1171
Squirrel Cages 1276
Stair Rods 1178
Stands—
Coffee Pot 1221
Cooler 1166
Ironing Boards and..... 1203
Sad Iron 1194
Shoe Lasts and..... 1132
Tea Pot 1221
Water Cooler 1166
Wringer 1201
Steak Hammers 1139
Steakgreiths 1140
Steel Barrels—Gasoline 1266
Steel Game Traps 1227, 1228
Steel Letters and Figures..... 1134
Steel Oilers 1272
Steel Traps 1227, 1228
Steelyards 1107
Stencil Brushes 1134
Stencil Ink 1134
Stencil Letters and Figures—
Brass 1134
Step Ladders 1283
Sticks—Mop 1206
Stiffeners—Heel 1131
Stoners—Cherry 1147
Stoppers—Flue 1234
Stops—Flue 1234
Storage or Field Tank—Gasoline. 1266
Store Fixtures—Hardware .....
1288 to 1294
Store Ladders 1284
Stove Backs 1237
Stove Boards 1228A, 1228B
Stove Brushes 1182
Stove Cement 1242
Stove Cover Lifters 1236
Stove Covers 1237
Stove Dampers—Cook 1233
Stove Grates 1237
Stove Lining Cement 1242
Stove Lusta 1241
Stove Mica 1229
Stove Pipe 1230
Stove Pipe Caps 1230
Stove Pipe Collars 1233
Stove Pipe Cylinders 1231
Stove Pipe Dampers 1233

S

Page
Stove Pipe Elbows 1231
Stove Pipe Registers 1232
Stove Pipe Rings 1233
Stove Pipe Thimbles 1231
Stove Pokers 1236
Stove Polish .....1240 to 1242
Stove Putty 1242
Stove Scrapers 1236
Stove Shakers 1236
Stove Shovels 1235
Stoves—
Air Tight 1247
Alcohol 1244
Gasoline 1252
Hot Blast Heating...1247, 1248
Lamp 1243
Laundry 1249
Oak Heating 1249
Oil Cooking 1243
Oil Heating 1245, 1246
Pocket 1244
Wick Blue Flame Oil....
1250, 1251
Wickless Blue Flame Oil. 1251
Strainers—
Bowl 1222
Coffee, Wire 1222
Extension 1222
Fruit and Jelly..... 1222
Spout 1222
Tea, Wire 1222
Wire Extension 1222
Wood Handle 1222
Strawberry Hullers 1146
Street Brooms 1188
Street Lamp Burners 1261
Street Lamp Globes 1263
Street Lamps 1259
Stretchers—Curtain 1204
Stringers—Ham 1141
Strips—Leather 1130
Stucco Brushes 1185
Stuffer Attachments 1143, 1144
Stuffers—Sausage 1145
Sugar Triers 1141
Sweepers—Carpet 1191
Sweeping Lavo 1190

T

T Joints 1230
Tacks—Thumb and Hooks..... 1177
Tailors' Geese 1194
Tailors' Sad Irons 1194
Tanks—
Field 1266
Gasoline 1266
Oil 1266
Storage, Gasoline 1266
Tap Borers 1138
Tap, Die and Drill Cases..... 1293
Tap Lifts 1129
Tap Soles 1129
Taps—Rubber Boot 1130
Taper Joints 1230
Taper Torches 1262
Tapers—Wax 1262
Tea Pot Stands..... 1221
Tea Scales 1112
Tea Strainers 1222
Tenderers—Meat 1140
Test Weights 1108
Testers—
Flax Seed 1116
Grain 1108
Thermo-Cell Sad Irons..... 1193
Thermometer Assortments..1195, 1196
Thermometers 1195, 1196
Thimbles—
Chimney 1231
Stove Pipe 1231
Thread—Shoe 1131
Thumb Tacks and Hooks..... 1177
Tills—Alarm 1287
Toasters—Bread 1224
Tobacco Cutters 1138
Tobacco Scales 1116

T

Page

Toilet Paper 1176
Toilet Paper Holders 1176
Tongs—
Curling 1197
Ice 1170
Tools—Sash 1186
Tooth Brush and Glass Holders.. 1173
Tooth Brush Holders 1174
Top Lifts 1129
Tops—Chimney 1239
Torches—
Gasoline 1261
Taper 1262
Wall 1261
Tourist Sad Irons..... 1192
Towel Bars 1175
Towel Racks 1175
Towel Rollers 1204
Toy Sad Irons..... 1194
Tracing Wheels 1197
Tracks—Rolling Shelf Ladder.. 1284
Transmission Grease 1269
Transportation Scales 1122
Traps—
Badger 1227
Bear 1228
Beaver 1228
Coon 1227, 1228
Coyotte 1227
Fly 1220
Fisher 1227
Fox 1227, 1228
Game 1227, 1228
Gopher 1227
Grizzly Bear 1228
Lynx 1227
Mink 1227, 1228
Mole 1226
Mouse 1225
Muskrat 1227
Otter 1228
Raccoon 1227, 1228
Rat 1226, 1227
Skunk 1227, 1228
Steel Game 1227, 1228
Weasel 1227
Wolf 1228
Woodchuck 1228
Trays—
Comb and Brush..... 1175
Knife 1214
Tree Holders—Christmas 1217
Triers—
Butter 1141
Cheese 1141
Ham 1141
Sugar 1141
Trimmings—Bird Cage 1276
Tub Hoops 1213
Tub Soap Dishes 1173
Tubes—Oil Heater Wick..... 1245
Tubs—
Wash, Cable 1213
Wash, Dowel 1213
Wash, Grained 1213
Wash, Wooden 1213
Tubular Lanterns 1255
Tubular Lantern Burners 1261
Tubular Lantern Globes 1264
Tubular Side Lamps 1257

T

Page

Tumbler Brushes 1181
Tumbler Holders 1223
Twine Boxes 1128
Twine Holders 1128
Twines—
Bag 1127
Cotton 1127
Flax 1127
Hemp 1127
Jute 1127
Mattress 1127
Spring 1127
Upholsterers' 1127
Wool 1127
Wrapping 1127

U

Union Counter Scales..... 1113
Upholsterers' Nails 1178
Upholsterers' Needles 1128
Upholsterers' Twine 1127

V

Varnish Brush Assortment..... 1184
Varnish Brushes 1184
Vegetable Boilers 1224
Vegetable Cutters 1147
Vegetable Scales 1107
Vegetable Skimmers 1224
Vegetable Slicers 1218
Veneer—Liquid 1240
Ventilator Frames—Chimney.... 1239
Ventilators—
Chimney 1239
Flue 1239
Stove Pipe 1232
Vermont Counter Scale..... 1115

W

Wagon Scales 1122, 1123
Wall Coffee Mills 1101, 1105
Wall Paint Brushes 1185
Wall Hooks 1177
Wall Shelving—Sectional 1290
Wall Soap Dishes—Bath Room.. 1173
Wall Torches 1261
Warehouse Brooms 1190
Warehouse Scales 1121
Wash Benches 1201
Wash Boards 1208, 1209
Wash Tubs—Wooden 1213
Washers—Pounder 1212
Washing Machines.....1209 to 1212
Waste—Cotton 1127
Waste Paper Balers..... 1124
Water Coolers 1166
Water Filters 1135, 1267
Water Motor Washing Machines. 1209
Water Pails—
Fibre 1213
Wooden 1213
Water Separating Filters..... 1267
Waving Irons 1197
Wax—Shoe 1131
Wax Tapers 1262
Wear Proof Soles..... 1129

W

Page

Weasel Traps 1227
Weigh Books 1108
Weigh Can Gate Collars..... 1137
Weigh Can Gates 1137
Weights—
Scale 1108
Testing 1108
Wheel Barrow Scales 1120
Wheel Cages 1275
Wheels—
Spinning 1218
Tracing 1197
Whips—Cream 1221
Whisk Broom Holders 1175
Whisk Brooms 1190
Whitewash Brushes 1187
Wicking—Candle 1261
Wick Blue Flame Cook Stoves..
1250, 1251
Wickless Blue Flame Cook Stoves. 1251
Wicks—
Asbestos 1251
Lamp 1261
Lamp Stove 1261
Lantern 1261
Oil Stove 1251, 1261
Oil Heater 1245, 1261
Wick Tubes—Oil Heater 1245
Window Brush Poles 1189
Window Brushes 1189
Window Cleaners 1189
Window Thermometers 1196
Wine Presses 1146
Wire—Picture 1177
Wire Broilers 1224
Wire Clothes Lines 1205
Wire Picture Cord 1177
Wire Pot Cleaners 1223
Wire Scratch Brushes 1183
Wire Strainers 1222
Wire Toasters 1224
Wolf Traps 1228
Women's Taps 1129
Wood Chuck Traps..... 1228
Wood Faucets 1135
Wood Jacket Cans 1267
Wooden Bowls 1216
Wooden Pails 1213
Wooden Spoons 1214
Wool Dusters 1183
Wool Twine 1127
Workers—Butter 1216
Wrapping Paper 1125, 1126
Wrapping Twine 1127
Wringer Attachments 1202
Wringer Benches 1201
Wringer Clamps 1202
Wringer Cranks 1201
Wringer Pressure Screws 1202
Wringer Rolls 1201
Wringer Stands 1201
Wringers—
Bench 1200
Clothes .....1198 to 1200
Mop 1206

Z

Zinc Oilers 1270

Coffee Mills.

ENTERPRISE

Side or Wall, Grinds 6 Oz. Per Minute.

Each

No. 00—9 in. High, Capacity of Hopper 4 Oz., Fancy Painted Iron Hopper **$2.25**

Weight Each About 6 Pounds.

Twelve in a Case.

With Table Clamp, Grinds 6 Oz. Per Minute.

Each

No. 0—11½ in. High, Capacity of Hopper 4 Oz., Fancy Painted Iron Hopper **$2.70**

Weight Each About 6 Pounds.

Twelve in a Case.

Closed. Open.

Grinds 6 Oz. Per Minute.

Each

No. 1—12½ in. High, Capacity of Hopper 4 Oz., Fancy Painted Iron Hopper..... **$3.95**

Weight Each About 10 Pounds.

Twelve in a Case.

Fancy Decorations, Iron Hopper.

Each

No. 2—12½ in. High, 8¾ in. Diameter Wheels, Capacity of Hopper 4 Oz., Grinds 6 Oz. Per Minute, Weight Each About 15 Lbs..... **$ 6.70**

No. 3—15 in. High, 10¾ in. Diameter Wheels, Capacity of Hopper ½ Lb., Grinds ½ Lb. Per Minute, Weight Each About 22½ Lbs..... **9.80**

Six in a Case.

No. 5—17 in. High, 12½ in. Diameter Wheels, Capacity of Hopper ¾ Lb., Grinds ¾ Lb. Per Minute, Weight Each About 36 Lbs..... **14.25**

Three in a Case.

Fancy Decorations, Iron Hopper.

Each

No. 7—21½ in. High, 17 in. Diameter Wheels, Capacity of Hopper 1¾ Lbs., Grinds 1 Lb. Per Minute **$19.45**

Weight Each About 62 Pounds.

One in a Crate.

Nos. 4, 6 and 8.

Fancy Decorations, Nickel Plated Hopper.

Each

No. 4—20½ in. High, 10¾ in. Diameter Wheels, Capacity of Hopper ¾ Lb., Grinds ½ Lb. Per Minute, Weight Each About 22 Lbs. **$14.25**

No. 6—24 in. High, 12½ in. Diameter Wheels, Capacity of Hopper 1¾ Lbs. Weight Each About 35 Lbs. **21.35**

One in a Case.

No. 8—27 in. High, 17 in. Diameter Wheels, Capacity of Hopper 2¼ Lbs., Weight Each About 59 Lbs. **28.40**

One in a Crate and Box.

Fancy Decorations, Iron Hopper.

Each

No. 9—24 in. High, 19½ in. Diameter Wheels, Capacity of Hopper 3 Lbs., Grinds 1 Lb. in 75 Turns **$28.40**

Weight Each About 107 Pounds.

One in a Crate.

Coffee Mills.

ENTERPRISE

No. 10.

Fancy Decorations, Nickel Plated Hopper.

Each

No. 10—28 in. High, 19½ in. Diameter Wheels, Capacity of Hopper 4½ Lbs. **$37.30**

Weight Each About 102 Pounds.
One in a Crate and Box.

Fancy Decorations, Iron Hopper.

Each

No. 12—32 in. High, 25 in. Diameter Wheels, Capacity of Hopper 5 Lbs., Grinds 1 Lb. in 50 Turns . . . **$42.65**

Weight Each About 141 Pounds.
One in a Crate.

No. 12.

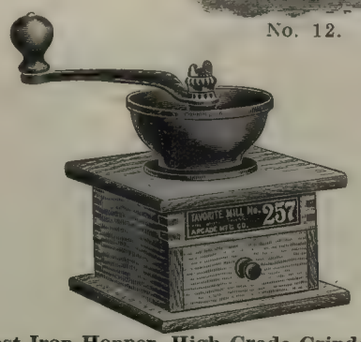
Box Coffee Mills.

ARCADE

Iron Hopper, High Grade Grinders, Patent Lock-Nut Adjustment. Per Dozen

No. 100—5¾ x5¾ x6½ in. Dovetailed Varnished Hardwood Box, Black Enameled Iron Parts **$5.60**

Weight Per Dozen About 32 Pounds.
One-half Dozen in a Case.



Large Open Cast Iron Hopper, High Grade Grinders, Lock-Nut Adjustment. Per Dozen

No. 257—5¾ x5¾ x6½ in. Dovetailed Varnished Hardwood Box, Black Enameled Iron Parts, Weight Per Dozen About 36 Lbs. **$7.35**

No. 277—7x7x8 in., Otherwise Same as No. 257, Weight Per Dozen About 58 Lbs. **8.50**

One-half Dozen in a Box.

Closed Iron Hopper, Hinged Cover, High Speed Grinders, Lock-Nut Adjustment. Per Dozen

No. 147—7x7x7 in. Dovetailed Selected Hardwood Box, Highly Polished and Varnished, Gold Bronzed Iron Parts **$10.60**

Weight Per Dozen About 56 Pounds.
One-half Dozen in a Box.

Varnished Hardwood Box, Black Enameled Iron Parts.

Per Dozen

No. 107A—6¾ x6¾ x8 in. Dovetailed Box, **Iron Hopper**, with Shield, Weight Per Dozen About 56 Lbs. **$8.00**

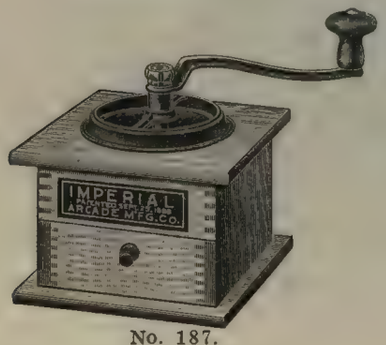
No. 377—7x7x8 in. Dovetailed Box, **Heavy Tin Hopper**, with Shield, Weight Per Dozen About 50 Lbs. **8.90**

One-half Dozen in a Box.

Closed Iron Hopper, Hinged Cover, High Speed Grinders, Lock-Nut Adjustment. Per Dozen

No. 47—7x7x8 in. Dovetailed Varnished Hardwood Box, Black Enameled Iron Parts. **$10.70**

Weight Per Dozen About 60 Pounds.
One-half Dozen in a Box.



No. 187.

Sunk Iron Hopper, with Shield, Patent Lock Adjustment. Per Dozen

No. 187—7x7x7 in. Dovetailed Varnished Hardwood Box, Black Enameled Metal Parts **$7.80**

Weight Per Dozen About 56 Pounds.

Iron Top and Sunk Hopper with Hinged Cover, Side Handle, Patent Lock Adjustment. Per Dozen

No. 705—6x6x6¾ in. Dovetailed Varnished Hardwood Box, Arcadian Bronzed Iron Parts **$10.35**

Weight Per Dozen About 60 Pounds.
One-half Dozen in a Box.

No. 705.

Box Coffee Mills.

Japanned Iron Hopper.

Per Dozen

No. 118—5x5x3⅛ in. Dovetailed Hardwood Box **$6.15**

Weight Per Dozen About 40 Pounds.

PARKER

Japanned Iron Hopper.

Per Dozen

No. 102—5⅜x5¼x3⅛ in. Dovetailed Hardwood Box.....**$10.60**

No. 103—5x5x3⅛ in. Dovetailed Hardwood Box..... **10.00**

No. 104—5x5x3 in. Dovetailed Hardwood Box **8.90**

Weight Per Dozen About 50 Pounds.

One-half Dozen in a Box.

Japanned Iron Hopper.

Per Dozen

No. 170—6⅛x6x4¼ in. Dovetailed Hardwood Box.....**$12.25**

Weight Per Dozen About 64 Pounds.

Japanned Iron Hopper, Double Grinders.

Per Dozen

No. 25—6⅛x6x4¼ in. Dovetailed Hardwood Box....**$15.60**

Weight Per Dozen About 76 Pounds.

Britannia Hopper, Double Grinders.

Per Dozen

No. 35—6⅛x6x4¼ in. Dovetailed Hardwood Box....**$19.45**

Weight Per Dozen About 76 Pounds.

One-half Dozen in a Box.

Britannia Hopper, Hardwood Box.

Per Dozen

No. 106—5⅜x5¼x3⅛ in. Dovetailed Box.....**$13.35**

No. 107—5 x5 x3⅛ in. Dovetailed Box..... **12.80**

Weight Per Dozen About 50 Pounds.

Wood Top, Bronzed Iron Covered Hopper.

Per Dozen

No. 330—4¼x4x4 in. Dovetailed Hardwood Box...**$10.60**

No. 331—4¼x5x4¼ in. Dovetailed Hardwood Box... **11.70**

Weight Per Dozen About 75 Pounds.

One-half Dozen in a Box.

Nos. 430 and 431.

Bronzed Iron Top and Covered Hopper, with Handle.

Per Dozen

No. 430—4½x4½x4¼ in. Dovetailed Hardwood Box **$11.70**

No. 431—5x5x4¾ in. Dovetailed Hardwood Box. **12.60**

Weight Per Dozen About 60 Pounds.

Per Dozen

No. 432—5x5x4¾ in. Dovetailed Hardwood Box.**$13.15**

Weight Per Dozen About 76 Pounds.

One-half Dozen in a Box.

No. 432.

Box Coffee Mills.

PARKER

Wood Top, Bronzed Iron Covered Hopper, Hardwood Box, for Coffee and Spice.

	Per Dozen
No. 300—4 x4½x4 in. Dovetailed Box	**$10.00**
No. 301—4½x5 x4¼ in. Dovetailed Box	**10.70**
No. 302—5¼x5¼x4½ in. Dovetailed Box	**11.40**
No. 325—5¼x5¼x4¾ in. Dovetailed Box, Double Grinders	**14.70**

Weight Per Dozen About 70 Pounds.

Bronzed Iron Top and Covered Hopper, Hardwood Box, for Coffee and Spice.

	Per Dozen
No. 400—4½x4½x4¼ in. Dovetailed Box	**$10.70**
No. 401—5 x5 x4¾ in. Dovetailed Box	**11.70**

Weight Per Dozen About 52 Pounds.

One-half Dozen in a Box.

Bronzed Iron Top and Covered Hopper, for Coffee and Spice.

	Per Dozen
No. 402—5x5x4¾ in. Dovetailed Box	**$12.25**

Weight Per Dozen About 70 Pounds.

Box Canister, Bronzed Iron Top and Covered Hopper, Rapid Grinder, with Handle.

	Per Dozen
No. 541—5¼x5¼x7¾ in. Dovetailed Box, Canister Holds 1 Lb. of Coffee	**$14.70**

Weight Per Dozen About 90 Pounds.

One-half Dozen in a Box.

No. 1080.

SUN

Box Canister, Wood Top, New Improved Adjustment, Bronzed Iron Castings, Thumb Screw Regulator, Round Tin Side Wood Bottom Drawer, Side Handle.

	Per Dozen
No. 1080—6⅝x6⅝x7⅝ in. Dovetailed Box, Canister Holds 1 Lb. Coffee	**$8.35**

Weight Per Dozen About 50 Pounds.

One-half Dozen in a Box.

UNIVERSAL

No. 110.

Box Canister, All Sheet Steel, Black Enameled, Handsomely Ornamented, Patent Adjusting Device, with Side Handle.

	Per Dozen
No. 110—6¾x6¾x8½ in. Box, Canister Holds 1 Lb. of Coffee	**$15.00**

Weight Per Dozen About 33 Pounds.

CROWN

All Sheet Steel, Black Enameled, Brass Covered Hopper, Patent Adjustment.

	Per Dozen
No. 21—6¾x6¾x5¼ in. Box	**$22.25**

Weight Per Dozen About 30 Pounds.
One-half Dozen in a Box.

No. 21.

Coffee Mills.

CRYSTAL

Canister Holds 1 Lb. of Coffee.

Per Dozen

No. 2C—Black Enameled Iron Frame, Glass Hopper and Tumbler, Bright and Clear, Coffee Always in Sight, Rubber Cushion Clamps for Holding Tumbler, Pulverizes Coffee if Desired **$15.15**

Weight Per Dozen About 120 Pounds.

One in a Wooden Box; One-half Dozen in a Case.

Per Dozen

Extra Glass Hoppers, for Above Mill..... **$3.35**

Extra Glass Tumblers, for Above Mill..... **1.15**

X-RAY

Canister Holds 1 Lb. of Coffee.

Per Dozen

No. 1X—Varnished Hardwood Frame and Hopper with Glass Front, Coffee Always in Sight, Easy to Regulate, for Grinding Fine and Coarse, Black Enameled Iron Cup..... **$10.00**

Weight Per Dozen About 54 Pounds.

One-half Dozen in a Box.

REGAL

Canister Holds 1 Lb. of Coffee.

No. 44.

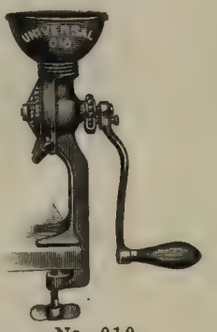
Per Dozen

No. 44—Japanned Iron Body, Sheet Metal Hopper and Canister, Screw Top, Detachable Steel Cup..... **$8.90**

Weight Per Dozen About 50 Pounds.

UNIVERSAL

Improved Adjusting Device.



No. 010.

Per Dozen

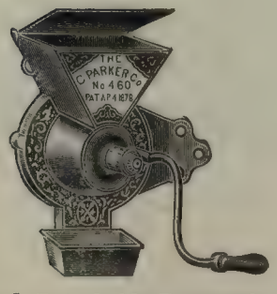
No. 010—Japanned Iron Frame and Hopper, Powerful Grinders, Can be Clamped to Table..... **$12.80**

Weight Per Dozen About 62 Pounds.

One-half Dozen in a Box.

Side Coffee Mills.

PARKER

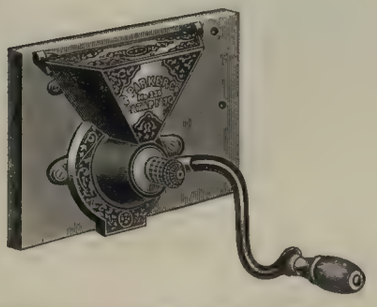


Japanned, Detachable Receptacle.

Per Dozen

No. 450—All Iron Frame and Hopper, Thumb Screw Adjustment **$11.70**

Weight Per Dozen About 55 Pounds.



Bronzed Iron Hopper, Wood Back.

Per Dozen

No. 360—Medium, 5½x2½ in.. **$10.00**

Weight Per Dozen About 58 Pounds.

One-half Dozen in a Box.

Japanned Steel Hopper, Wood Back.

Per Dozen

No. 60—Medium, Weight Per Dozen About 50 Lbs..... **$ 7.80**

No. 90—Extra Large, Hotel Size, Weight Per Dozen About 110 Lbs..... **24.50**

Nos. 160 and 170.

Ice Balances.

CHATILLON'S

Brass Dial, Black Figures, Japanned Malleable Iron Case, with Hook and Ring. Length Over All 15 Inches.

Nos.	160	170
Capacity, Lbs.	300 by 5	400 by 5
Shipping Weight Each, Lbs.	5	5¾
Each	$6.15	6.70

One in a Box.

Nos. 200 to 400.

PELOUZE, STEEL KING

Steel Throughout, Black Enameled Frame and Fittings, Brass Dial, with Large Distinct Black Figures, with Hook and Ring, Length Over All 17¼ Inches.

Nos.	200	300	400
Capacity, Lbs.	200 by 2	300 by 5	400 by 5
Shipping Weight Each, Lbs.	4½	4½	4½
Each	$5.90	6.15	6.50

One in a Box.

Nos. 40 and 50.

Spring Balances.

P. S. & W. CO.'S

Straight Brass Front, Japanned Case, with Hook and Ring.

	Per Dozen
No. 40—Extra Heavy, Weighs 25 Lbs. by ½ Lb., Weight Per Dozen 6 Lbs.	$2.60
No. 50—Extra Heavy, Weighs 25 Lbs. by ½ Lb., Extra Finish, Weight Per Dozen 7½ Lbs.	3.90

One-half Dozen in a Box.

Nos. 050 to 84.

FRARY'S

Straight, Brass Front, Japanned Case, with Hook and Ring.

	Per Dozen
No. 050—Light, Weighs 25 Lbs. by ½ Lb., Weight Per Dozen 2½ Lbs.	$1.60
No. 51—Light, Weighs 50 Lbs. by 1 Lb., Weight Per Dozen 4⅜ Lbs.	3.00
No. 81—Heavy, Weighs 25 Lbs. by ½ Lb., Weight Per Dozen 5 Lbs.	4.35
No. 82—Heavy, Weighs 30 Lbs. by ½ Lb., Weight Per Dozen 5 Lbs.	5.40
No. 84—Heavy, Weighs 50 Lbs. by 1 Lb., Weight Per Dozen 11 Lbs.	8.70

No. 050, One Dozen; Nos. 51 to 82, One-half Dozen; No. 84, One-quarter Dozen in a Box.

No. 70.

FRARY'S

Round, Japanned, with Ring and Hook. 5 Inch Long Barrel.

No.	70
Weighs, Lbs.	25 by ½
Weight Per Dozen, Lbs.	3
Per Dozen	$4.35

One-half Dozen in a Box.

Nos. 500 to 210.

PELOUZE

Straight Steel Frame, Black Enameled, Brass Dial with Distinct Figures and Graduation Marks, Spcial Drawn Steel Spring, Extra Strong with Hook and Ring.

Nos.	500	100	150	210
Weighs, Lbs.	50 by ½	100 by 1	150 by 1	210 by 2
Length, Inches	11½	17	17½	18
Weight Per Dozen, Lbs.	16	18	20	22
Per Dozen	$8.90	26.25	33.35	46.65

No. 500, One-half Dozen; Nos. 100 to 210, One-third Dozen in a Box.

Spring Balances.

FRARY'S

Straight, Brass Front, Japanned Case with Round Tin Pan.

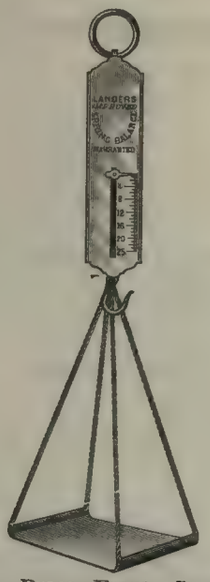
Per Dozen

No. 52—Light, Weighs 25 Lbs by ½ Lb., Weight Per Dozen 6½ Lbs. **$4.00**

No. 91—Heavy, Weighs 25 Lbs. by ½ Lb., Weight Per Doz. 9 Lbs. **7.60**

One-half Dozen in a Box.

FRARY'S



Straight, Brass Front, Japanned Case with 11x11 Inch Square Tin Pan.

Per Dozen

No. 110—Heavy, Weighs 25 Lbs. by ½ Lb., Weight Per Dozen 22 Lbs. **$10.80**

One-twelfth Dozen in a Box.

PELOUZE

No. 101.

Pelouze, 7 in. Dial, Glass Sash, Nickel Rim, Distinct Stamped Figures, 13 in. Round Steel Pan, White Enameled, Heavy Steel Bail, Large Ring. Each

No. 101—Weighs 20 Lbs by 1 Oz., Length Over All 22 in., Weight Each 7 Lbs. **$4.50**

Champion, 5¾ in. Brass Dial, Distinct Stamped Figures, 11¼ in. Round Steel Pan, White Enameled, Heavy Steel Bail, Large Ring. Each

No. 1C—Weighs 24 Lbs. by 1 Oz., Length Over All 22 in., Weight Each 4 Lbs. **$4.00**

One in a Box.

No. 344E.

CHATILLON'S RED

Red Dial with Broad White Border Encircling Red, Marked and Graduated. Protected Pointer, 11 in. Folding White Enameled Pan, Heavy Steel Bail, Large Ring. Each

No. 344E—Weighs 20 Lbs. by 1 Oz., Length Over All 24 in., Weight Each 3 Lbs. **$3.60**

One in a Box.

Fruit and Vegetable Scale.

CHATILLON

7 Inch Dial, White Enameled Front and Glass Sash, 17x16x14½ inch Tinned Scoop, Tinned Chains. Each

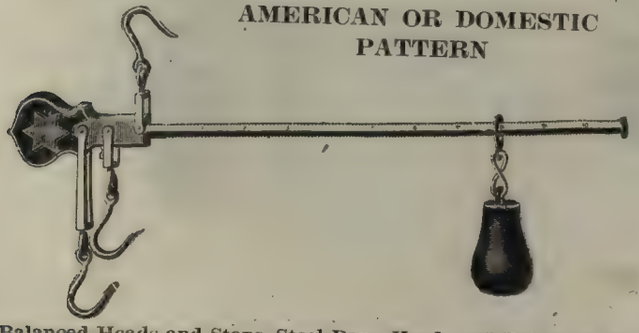
No. 5273—Weight 60 Lbs. by 2 Oz., Length Over All 41½ in., Weight Each 7¼ Lbs. **$8.35**

One in a Box.

No. 5273.

Steelyards.

AMERICAN OR DOMESTIC PATTERN



Balanced Heads and Stops, Steel Bars, Heads and Poises, Painted Black.

Pounds	50	100	150	200	250	300
Weighs by Oz.	1	2	4	4	4	4
Weight Per Dozen, Lbs.	34	46	70	82	100	110
Per Dozen	$10.00	11.70	15.00	16.70	18.35	20.00

One-half Dozen in a Case.

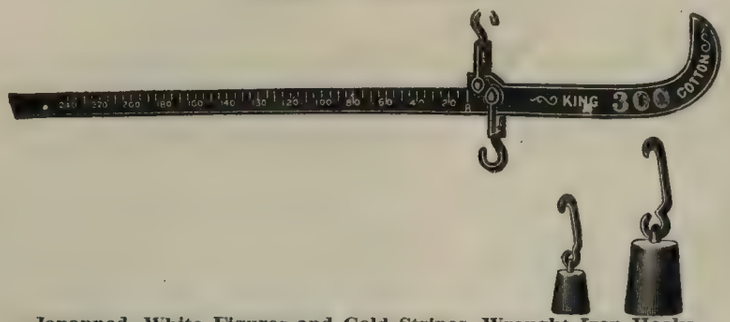
EXCELSIOR, FARMERS' PATTERN

Balanced Heads and Stops, Steel Bars, Polished Malleable Iron Hooks, Heads and Poises, Painted Red.

Pounds	50	100	150	200	250	300
Weighs by Oz.	1	2	4	4	4	4
Weight Per Dozen, Lbs.	40	54	64	90	100	110
Per Dozen	$10.00	16.70	20.00	25.00	30.00	35.00

One-half Dozen in a Box.

Scale Beams.



Japanned, White Figures and Gold Stripes, Wrought Iron Hooks.

Pounds	200	250	300	360	400	450	500	600	700	800	1000
Weight, Poises, Lbs.	1 & 4	2 & 8	2 & 8	4 & 8	3 & 12	3 & 12	4 & 16	8 & 16	5 & 20	6 & 24	8 & 32
Weight Each, Lbs.	10	16	18	21	25	28	33	38	42	50	65
Each	$2.25	2.85	3.15	3.75	4.35	4.80	5.25	6.00	7.00	8.00	10.00

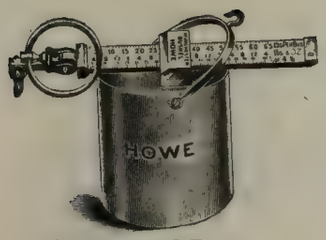
EXTRA POISES

Weight, Lbs.	1	2	3	4	5	6	8	12	16	20	24	32
Each	$0.38	.45	.60	.75	.90	1.05	1.28	1.65	2.25	2.55	3.60	4.35

200 to 500 Pounds, One-half Dozen in a Box, with Poises; 600 to 800 Pounds, One-half Dozen in a Box, Poises Separate; 1000 Pounds, One-sixth Dozen in a Box, Poises Separate.

Grain Testers.

HOWE



Graduated Beam.

Nos.	0	1	2
Capacity, Qts.	½	1	2
Weight Each, Lbs.	8	10	12
Each	$23.35	25.60	27.80

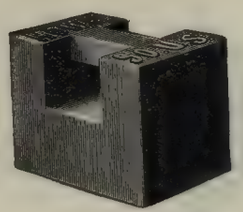
The Beam balances at zero, graduated so that by filling the cup with grain the beam will designate exactly the number of pounds that it will weigh to the bushel.

CHAMPION

Graduated Beam.

Nos.	11	12
Capacity, Qts.	1	2
Weight Each, Lbs.	9	11
Each	$17.80	18.90

Test Weights.



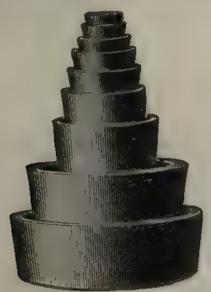
U. S. Standard.
Cast Iron.

Capacity, Lbs.	50
Each	$5.00

Open Stock.

Scale Weights.

FOR EVEN BALANCE SCALES



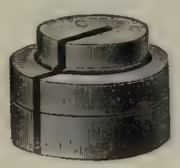
Cast Iron, Japanned.

Ounces	½	1	2	4	8
Each	$0.17	.17	.25	.25	.25

Pounds	1	2	4	8
Each	$0.42	.67	1.16	2.00

Open Stock.

FOR UNION COUNTER SCALES



Cast Iron, Japanned.

Pounds	5 to 40	10 to 80
Each	$0.50	.78

For Grocers' Scales.
Cast Iron, Japanned, for Scales 25, 36 and 62 Pounds.

Pounds	3	6	12	20
Each	$0.50	.50	.78	1.16

Open Stock.

FOR PORTABLE PLATFORM SCALES

Cast Iron, Japanned.

Pounds	50	100	200
Each	$0.50	.50	.78

Pounds	300	500
Each	$1.00	1.45

Open Stock.

Scale Weigh Books.

	Each
Howe Scale Weigh Books—Containing 500 Blank Receipts	$1.70
Fairbank's Scale Weigh Books—Containing 500 Blank Receipts	1.70

Scales.

CHATILLON'S MARKET

Cast Iron Frame and Base, Japanned and Ornamented, Hardened Steel Bearings, Double Dials, Glass Sash, 11½x14½ in. Marble Top.

Each

No. 39—6 in. Dial, 8 in Glass Sash, **Weighs 32 Lbs. by 2 Oz.**, Shipping Weight About 45 Lbs. **$17.80**

No. 49—6 in. Dial, 8 in. Glass Sash, **Weighs 64 Lbs. by 2 Oz.**, Shipping Weight About 60 Lbs. **18.90**

One in a Box.

MARKET COUNTER

Sheet Steel Frame, Black Enameled and Striped, Nickeled Sash Rim, Glass Sash, White Enameled Vertical Dial with Large Distinct Black Figures, Double Upright Post Supports, 7x7 in. Marble Top.

Each

No. M80—7 in. Dial, **Weighs 26 Lbs. by 1 Oz.**, Size Over All 5½x8¼x10½ in., Shipping Weight About 13 Lbs..... **$8.35**

Designed for weighing butter, cheese, meats, etc.

One in a Box.

CONFECTIONERY

Steel Construction, Double Upright Post with 5½x10 in. Brass Scoop, Size Over All 5½x7x11¾ in. Each

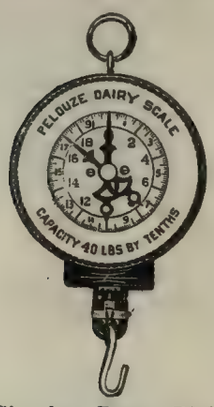
No. B692—5¾ in. Brass Vertical Dial, **Weighs 6 Lbs. by ⅛ Oz.**, Black Enameled and Striped, Shipping Weight About 4½ Lbs..... **$3.90**

No. N692—6 in. Brass Dial, **Weighs 6 Lbs. by ⅛ Oz.**, Nickel Plated Throughout, Shipping Weight About 4½ Lbs. **5.00**

Especially adapted for weighing candies, teas, seeds, tobaccos, drugs, etc.

One in a Box.

PELOUZE DAIRY



7 in. Circular Brass Dial, Distinct Black Figures and Graduations, 15 in. High Over All, Two Indicator Hands, One Red to be Set at the Weight of Empty Pail, Complies with Departments of Weights and Measures.

Each

No. D40—Weighs 40 Lbs. by 1/10ths, Shipping Weight Each About 5 Lbs..... **$5.00**

One in a Box.

MILK

Brass Front, with Hook and Ring.

Each

No. 30—Weighs 30 Lbs. by 1/10ths, Shipping Weight About 3½ Lbs..... **$4.50**

No. 60—Weighs 60 Lbs. by 1/10ths, Shipping Weight About 4 Lbs..... **5.60**

No. 120—Weighs 120 Lbs. by 1/10ths, Shipping Weight About 5 Lbs..... **8.90**

Designed for weighing milk in the pail so as to determine the yield of each cow. The dial has a loose Indicator, which can be adjusted and set by a thumb screw at the 0 mark, so as to balance the weight of the pail. This same Indicator would thus show the net weight of the milk after milking. The pounds are divided by tenths, which makes it much easier to keep the records. One in a Box.

CONFECTIONERY

Sheet Steel Frame, Nickel Plated, Glass Sash, Vertical Dial, Large Distinct Black Figures, Nickeled Rim, Double Upright Post Supports, with Fork, Nickel Plated Brass Scoop 6x11½ in.

Each

No. N650—6 in. Dial, **Weighs 6 Lbs. by ⅛ Oz.**, Size Over All 5½x7x11½ in., Shipping Weight About 4½ Lbs. **$6.70**

Especially adapted for weighing candies, teas, seeds, tobaccos, drugs, etc.

One in a Box.

FAMILY

No. 102.

Sheet Steel Frame, Black Enameled and Gilt Decorations, White Enameled Dial, Square Steel Top.

Per Dozen

No. 102—6 in. Dial, **Weighs 24 Lbs by 1 Oz.**, Height Over All 9⅛ in., Weight Per Dozen About 60 Lbs..... **$22.25**

One-twelfth Dozen in a Box.

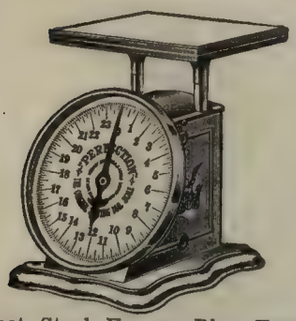
Sheet Steel Frame, Black Enameled and Gilt Decorations, Brass Dial, Tin Scoop, Round Steel Top. Per Dozen

No. 1101—5 in. Dial, **Weighs 24 Lbs. by 1 Oz.**, Height Over All 12⅝ in., Weight Per Dozen About 78 Lbs..... **$29.30**

One-twelfth Dozen in a Box.

No. 1101.

Scales.



Sheet Steel Frame, Blue Enameled, Gold Decorations, White Slanting Dial, Large Black Figures, Glass Sash, Nickel Plated Rim, Square Tile Platform.

Per Dozen

No. 434—Perfection, 6 in. Slanting Dial, **Weighs 24 Lbs. by 1 Oz.,** 7 in. High, 6 in. Wide, 7¾ in. Deep, Shipping Weight Per Dozen About 60 Lbs. **$33.35**

One-twelfth Dozen in a Box.

Sheet Steel Frame, Black Enameled and Gold, Double Upright Post Supports, Silver Finish Dial, Large Black Figures, Square Steel Platform.

Per Dozen

No. E20—6 in. Slanting Dial, **Weighs 24 Lbs. by 1 Oz.,** Size Over All 5½x8x8½ in. Shipping Weight Per Dozen About 48 Lbs..... **$19.25**

No. T25—6 in. Slanting Dial, **with Tin Scoop, Weighs 24 Lbs. by 1 Oz.,** Size Over All 5½x8x12 in., Shipping Weight Per Dozen About 54 Lbs. **26.65**

One-twelfth Dozen in a Box.

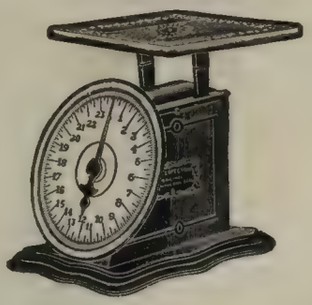
Sheet Steel Frame, Black Enameled and Gold, Double Upright Post Supports, Silver Finish Vertical Dial, Large Black Figures, 4½ in. Round Steel Platform, 6x11½ in. Tin Scoop.

Per Dozen

No. T91—6 in. Dial, **Weighs 24 Lbs. by 1 Oz.,** Size Over All, 5½x7x11½ in., Shipping Weight Per Dozen About 54 Lbs. **$26.65**

One-twelfth Dozen in a Box.

FAMILY



Sheet Steel Frame, Black Enameled, Aluminum Bronze Decorations, Silver Finish Dial, Square Steel Platform.

Per Dozen

No. 42—6 in. Slanting Dial, **Weighs 24 Lbs. by 1 Oz.,** Size 7 in. High, 6 in. Wide, 7¾ in. Deep, Shipping Weight Per Dozen About 36 Lbs. **$19.25**

One-twelfth Dozen in a Box.

Sheet Steel Frame, Black Enameled and Gold, Double Upright Post Supports, Glass Sash Slanting Dial, Large Black Figures, Nickel Rim, Square Tile Platform, 6x6 in.

Per Dozen

No. 40½—6 in. Slanting Dial, **Weighs 24 Lbs. by 1 Oz.,** Size Over All 5½x7x8¾ in., Shipping Weight Per Dozen About 60 Lbs..... **$33.35**

One-twelfth Dozen in a Box.

Cold Rolled Steel Frame, Black Enameled and Gold, Double Upright Post Supports, Enameled Vertical Dial, Large Black Figures, 7x7 in. Square Iron Platform.

Per Dozen

No. E60—7¾ in. Dial, **Weighs 60 Lbs. by 2 Oz.,** Size Over All 5½x8½x10½ in., Shipping Weight Per Dozen About 84 Lbs..... **$46.70**

One-twelfth Dozen in a Box.

Sheet Steel Frame, Black Enameled, Aluminum Bronze Decorations, Silver Finish Dial, Square Steel Platform, Large Polished Tin Scoop.

Per Dozen

No. 44—6 in. Slanting Dial, **Weighs 24 Lbs. by 1 Oz.,** Size 10¾ in. High, 6 in. Wide, 7¾ in. Deep, Shipping Weight Per Dozen About 48 Lbs..... **$22.25**

One-twelfth Dozen in a Box.

No. 90½.

Sheet Steel Frame, Black Enameled and Gold, Double Upright Post Supports, Silver Finish Vertical Dial, Large Black Figures, Square Platform.

Per Dozen

No. 90½—6 in. Dial, **Weighs 24 Lbs. by ½ Oz., Square Tile Platform,** Size Over All 5½x7x9 in., Shipping Wt. Per Dozen About 54 Lbs... **$23.35**

No. E90—Same as No. 90½, but with Square Steel Enameled Platform **20.00**

One-twelfth Dozen in a Box.

Cold Rolled Steel Frame, Black Enameled and Gold, Double Upright Post Supports, Enameled Vertical Dial, Large Black Figures, with 9x16½ in. Tin Scoop.

Per Dozen

No. T60—7¾ in. Dial, **Weighs 60 Lbs., by 2 Oz.,** Size Over All 5½x8½x15½ in., Shipping Weight Per Dozen About 72 Lbs..... **$53.30**

One-twelfth Dozen in a Box.

Scales.

PARCEL POST

Chatillon's Improved, Cast Iron Frame, Japanned and Ornamented, Double Dials, **Computing Dial** on One Side, Lbs. and Oz. Dial on the Other Side, 11x14½ in. Iron Platform.

Each

No. 07—7 in. Dial, **Weighs 20 Lbs. by 1 Oz.,** Shipping Weight About 45 Lbs.....**$16.70**

One in a Box.

Chatillon's Favorite, Sheet Steel Frame, Black Japan Finish and Decorated, Nickel Plated Sash with Glass, Complete with Parcel Post Regulation.

Each

No. 17—7½ in. Dial, **Weighs 20 Lbs. by 1 Oz.,** Height Over All 9¾ in., Shipping Weight About 4½ Lbs.....**$8.35**

One in a Box.

Chatillon's Hanging, Nickel Plated Sash with Glass, Sheet Steel Frame, Black Japanned, with Ring and Hook.

Each

No. 27—7 in. Dial, **Weighs 20 Lbs. by 1 Oz.,** Size Over All 12 in., Shipping Weight About 2½ Lbs.....**$5.60**

One in a Box.

PARCEL POST

Dispatch, Cold Rolled Steel Frame, Black Enameled and Decorated, White Computing Dial Covered with Glass, Nickel Plated Sash, Double Upright Supports, Square Heavy Steel Platform.

Each

No. 15—6 in. Slanting Dial, **Weighs 20 Lbs. by 1 Oz.,** Size Over All, Height 7 in., Width 6 in., Depth 7¾ in., Shipping Weight About 4 Lbs. **$3.35**

The Dispatch has a computing chart and the indicator automatically points to the amount of postage in the different zones. The numbers of zones are printed in black, figures in red show the amount of postage.

One in a Box.

POSTAL

Sheet Steel Frame, Nickel Plated, Double Upright Post Supports, White Enameled Dial, Black Figures, Gold Border, 3x3½ in. Platform.

Each

National—Weighs 4 Lbs. by ½ Oz., Size Over All 3⅞x6½x7½ in., Shipping Weight 1¾ Lbs. **$4.50**

One in a Box.

POSTAL

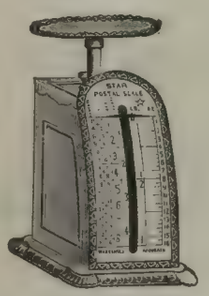
Sheet Steel Frame, Nickel Plated Double Upright Post Supports, White Enameled Dial, Black Figures, Gold Border, 3x3½ in. Platform.

Each

Union—Weighs 2½ Lbs. by ½ Oz., Size Over All 3½x5¾ x6½ in., Shipping Weight About 1½ Lbs.....**$3.70**

One in a Box.

POSTAL



Sheet Steel Frame, Nickel Plated, White Enameled Dial, Distinct Black Figures, Ornamental Border Round Platform.

Each

Star—Weighs 1 Lb. by ½ Oz., Size Over All 2x3x3¼ in., Shipping Weight About ½ Lb. **$2.25**

One in a Box.

POSTAL

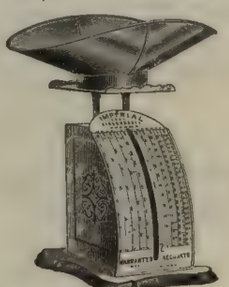
Sheet Steel Frame, Nickel Plated, Large Dial with Nickeled Rim, Distinct Figures, Steel Platform.

Each

U. S.—3½ in. Dial, **Weighs 4 Lbs. by ½ Oz.,** Size Over All 3⅛x3⅞x5½ in., Shipping Weight About 1½ Lbs.....**$3.70**

One in a Box.

IMPERIAL COMPUTING



Sheet Steel Frame, Nickel Plated, Double Upright Post Supports, White Enameled Dial, Ornamental Border, 5½x10 in. Brass Scoop.

Each

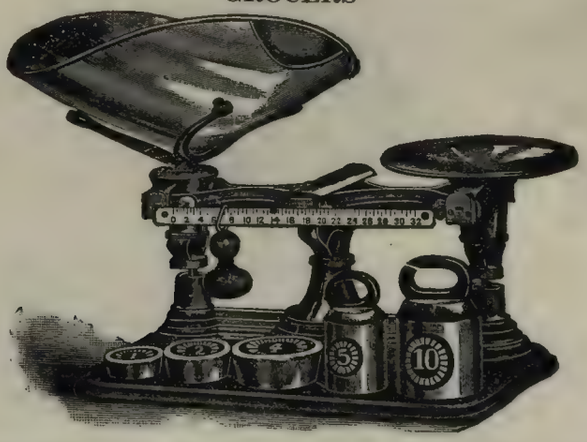
No. 50—Weighs 2 Lbs. by ½ Oz., Size Over All 4¼x7x10½ in., Shipping Weight About 2½ Lbs. **$6.70**

Warranted accurate, computes instantly the cost of any merchandise in money from 5 cents to 60 cents per pound.

One in a Box.

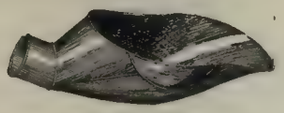
Scales.

TROEMNER, AGATE BEARING GROCERS'



Oval Scoop.

Furnished in place of regular scoop. No extra charge.



Funnel Scoop.

Furnished in place of regular scoop at additional charge, see below.

Gold Bronzed Frame, with Black Side Beam, White Figures, Nickel Plated Solid Brass Scoop and Plate, Six Agate Bearings, Nickel Plated Weights.

Nos.	154B	153B	152B	151B
Capacity	2 Lbs. by ¼ Oz.	6 Lbs. by ¼ Oz.	15 Lbs. by ¼ Oz.	26 Lbs. by ½ Oz.
Weight Each, Lbs.	22	30	70	110
Each	$31.60	39.40	50.00	63.35

One in a Box.

EXTRA FOR FUNNEL SCOOP

For Scale No.	154 B	153 B	152 B	151 B
Each	$2.25	3.35	4.50	5.60

GROCERS'

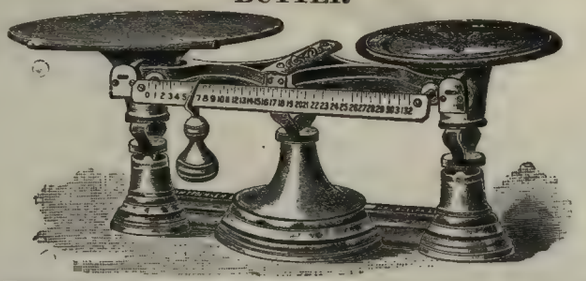
Gold Bronzed Frame with Black Side Beam, White Figures, Nickel Plated, Solid Brass Pan and Plate, Six Agate Bearings, Nickel Plated Weights.

Each

No. 141B—13 in. Pan, Weighs 26 Lbs. by ½ Oz., Weight Each 105 Lbs. $63.35

One in a Box.

BUTTER



Enameled White Frame with Black Side Beam, White Figures, Bronze Connecting Rods, Platinum Pins, Agate Bearings, One Galvanized and One Porcelain Plate, Galvanized Iron Weights.

Nos.	133B	132B	131B
Weighs	6 Lbs. by ¼ Oz.	15 Lbs. by ¼ Oz.	26 Lbs. by ¼ Oz.
Diam. Plate, In.	8	10	13
Wt. Each, Lbs.	35	65	100
Each	$29.40	35.60	45.60

One in a Box.

PACKAGE

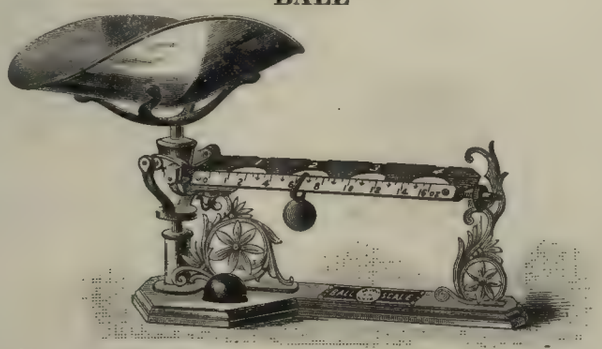
Enameled Cream Frame, Gold Tracery, Black Side Beam, White Figures, Agate Bearings, Heavy Brass Movable Pan, Nickel Plated Iron Weights.

Each

No. 171B—13 in. Pan, Weighs 26 Lbs. by ½ Oz., Weight Each 100 Lbs. $50.60

One in a Box.

BALL



For Candy, Tea, Spices, Etc., Enameled Frame, Nickel Plated Scoop, Ball Weight.

Each

No. 44—Weighs 5 Lbs. by ½ Oz., Weight Each Boxed 20 Lbs. $26.65

One in a Box.

Howe Scales.

GROCERS'

Single Beam, Graduated by ¼ Oz. to 1 Lb., Patent Frame, Rubber Tipped Horns.

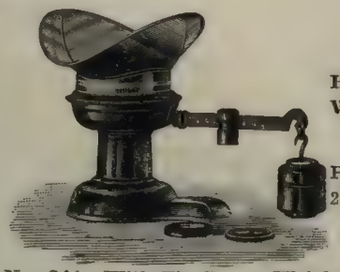
Each

No. 350—With Tin Scoop, **Weighs ¼ Oz. to 10 Lbs.** Shipping Weight About 23 Lbs.....**$10.70**

Each

No. 352—With Brass Scoop, **Weighs ¼ Oz. to 10 Lbs.** Shipping Weight About 22 Lbs.....**$12.00**

One in a Box.



Also Furnished with Fork to Hold Scoop for Use in State of Wisconsin.

Single Beam, Notched Slide Poise, Graduated by ½ Oz. to 2 Lbs., Patent Frame.

Each

No. 341—With Tin Scoop, **Weighs ½ Oz. to 26 Lbs.**, Shipping Weight About 36 Lbs.....**$12.70**
No. 343—With Brass Scoop, **Weighs ½ Oz. to 26 Lbs.**, Shipping Weight 38 Lbs..... **14.00**
No. 339—Without Scoop, **Weighs ½ Oz. to 26 Lbs.**, Shipping Weight About 35 Lbs..... **11.35**

One in a Box.

Also Furnished with Fork to Hold Scoop for Use in State of Wisconsin.

Single Beam, Graduated by ½ Oz. to 3 Lbs., Patent Frame.

Each

No. 331—With Tin Scoop, **Weighs ½ Oz. to 26 Lbs.**, Shipping Weight 50 Lbs.....**$13.35**
No. 333—With Brass Scoop, **Weighs ½ Oz. to 26 Lbs.**, Shipping Weight 50 Lbs..... **15.35**
No. 479—Without Scoop, **Weighs ½ Oz. to 26 Lbs.**, Shipping Weight 45 Lbs..... **12.00**
No. 338—With Tin Scoop, **Weighs ½ Oz. to 62 Lbs.**, Shipping Weight 60 Lbs..... **16.00**
No. 342—With Brass Scoop, **Weight ½ Oz. to 62 Lbs.**, Shipping Weight 60 Lbs..... **18.00**
No. 477—Without Scoop, **Weighs ½ Oz. to 62 Lbs.**, Shipping Weight 55 Lbs..... **14.00**

One in a Box.

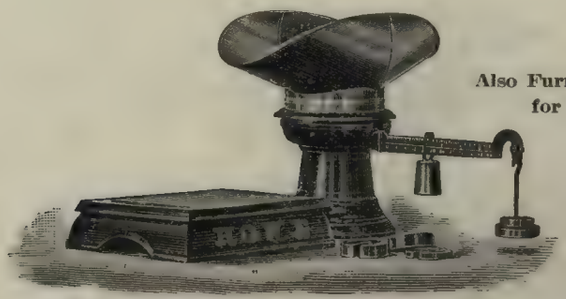
Double Beam, Graduated by ½ Oz. to 3 Lbs., Patent Frame.

Each

No. 335—Tin Scoop, **Weighs ½ Oz. to 36 Lbs.**, Shipping Weight 56 Lbs. **$14.70**
No. 337—Brass Scoop, **Weighs ½ Oz. to 36 Lbs.**, Shipping Weight 56 Lbs..... **16.70**
No. 493—Without Scoop, **Weighs ½ Oz. to 36 Lbs.**, Shipping Weight 51 Lbs..... **13.35**
No. 340—Tin Scoop, **Weighs ½ Oz. to 62 Lbs.**, Shipping Weight 64 Lbs. **17.35**
No. 344—Brass Scoop, **Weighs ½ Oz. to 62 Lbs.**, Shipping Weight 64 Lbs..... **19.35**
No. 491—Without Scoop, **Weighs ½ Oz. to 62 Lbs.**, Shipping Weight 59 Lbs..... **15.35**

One in a Box.

UNION



Also Furnished with Fork to Hold Scoop for Use in State of Wisconsin.

Single Beam, Upper Row of Figures for Round Platform, Graduated ½ Oz. to 5½ Lbs.; Lower Row of Figures for Square Platform, Graduated 4 Oz. to 44 Lbs., Patent Frame, 10x14 in. Platform.

Each

No. 320—With Tin Scoop, **Weighs ½ Oz. to 240 Lbs.**, Shipping Weight 70 Lbs.....**$18.70**
No. 324—With Brass Scoop, **Weighs ½ Oz. to 240 Lbs.**, Shipping Weight 70 Lbs..... **20.00**

One in a Box.

Each

Extra Tin Scoop—For Nos. 320 and 322 Union Scales, Weight Each 1½ Lbs.....**$3.10**

Double Beam, Front Bar, Upper Row of Figures for Round Platform, Graduated ½ Oz. to 5½ Lbs., Lower Row of Figures for Square Platform, Graduated 4 Oz. to 44 Lbs.; Rear Bar for Round Platform, Graduated ½ Oz. to 5 Lbs., Patent Frame, 10x14 in. Platform.

Each

No. 322—With Tin Scoop, **Weighs ½ Oz. to 240 Lbs.**, Shipping Weight 75 Lbs.....**$20.00**
No. 326—With Brass Scoop, **Weighs ½ Oz. to 240 Lbs.**, Shipping Weight 75 Lbs..... **21.35**

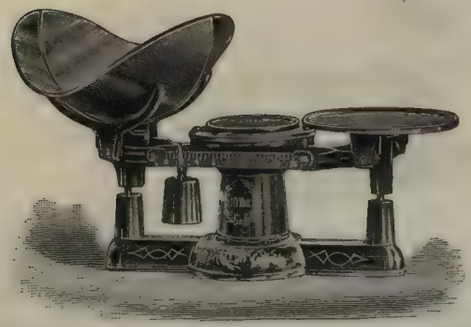
One in a Box.

Each

Extra Brass Scoops—For Nos. 324 and 326 Union Scales, Weight Each 2 Lbs.....**$5.35**

Howe Scales.

EVEN BALANCE

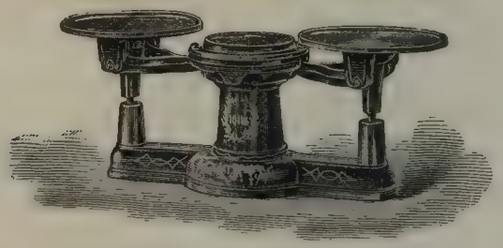


Beveled Brass Side Beam, Patent Frame, Rubber Tipped Horn.

With Tin Scoop.	Each
No. 396—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 18 Lbs.	$ 7.70
No. 392—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 28 Lbs.	9.00
No. 388—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 41 Lbs.	10.70
No. 384—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 67 Lbs.	14.00

With Brass Scoop.	Each
No. 394—Weighs ⅛ Oz. to 2 Lbs., Ship. Wt. 18 Lbs.	$ 8.35
No. 390—Weighs ⅛ Oz. to 6 Lbs., Ship. Wt. 27 Lbs.	10.00
No. 386—Weighs ¼ Oz. to 10 Lbs., Ship. Wt. 41 Lbs.	12.00
No. 382—Weighs ¼ Oz. to 16 Lbs., Ship. Wt. 67 Lbs.	15.35

One in a Box.



Patent Frame, with Two Iron Plates.

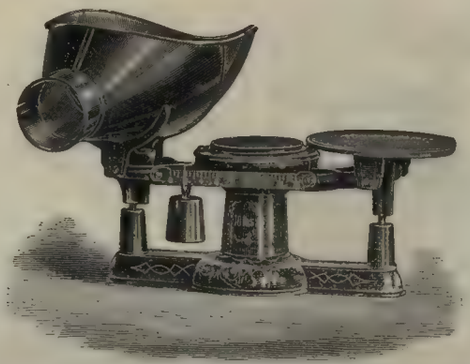
	Each
No. 434—Weighs ½ Oz. to 2 Lbs., Shipping Weight 18 Lbs.	$ 6.70
No. 428—Weighs ½ Oz. to 6 Lbs., Shipping Weight 27 Lbs.	8.00
No. 422—Weighs ½ Oz. to 10 Lbs., Shipping Weight 43 Lbs.	9.35
No. 416—Weighs ½ Oz. to 16 Lbs., Shipping Weight 66 Lbs.	12.70

One in a Box.

Even Balance, Side Beam, One Porcelain and One Iron Plate.

	Each
No. 478—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 32 Lbs.	$11.00
No. 476—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 46 Lbs.	14.00
No. 474—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 69 Lbs.	17.35

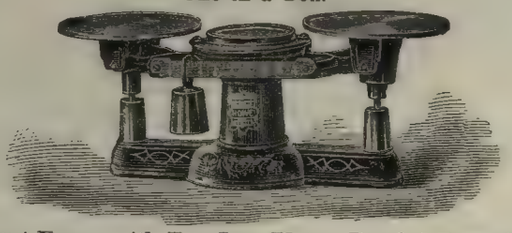
One in a Box.



Beveled Brass Side Beam, Patent Frame, Rubber Tipped Horns. With Brass Funnel Scoop.

	Each
No. 412—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 20 Lbs.	$ 9.70
No. 410—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 31 Lbs.	11.35
No. 408—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 50 Lbs.	14.00
No. 406—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 70 Lbs.	17.35

One in a Box.

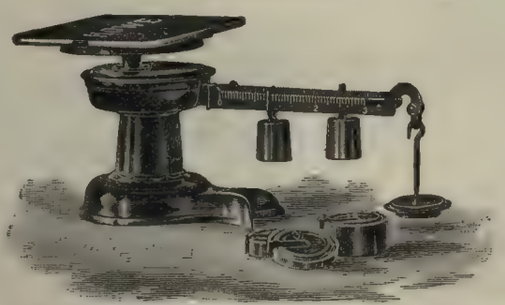


Patent Frame with Two Iron Plates, Beveled Brass Side Beam.

	Each
No. 458—Weighs ⅛ Oz. to 2 Lbs., Shipping Weight 18 Lbs.	$ 8.35
No. 452—Weighs ⅛ Oz. to 6 Lbs., Shipping Weight 29 Lbs.	9.00
No. 446—Weighs ¼ Oz. to 10 Lbs., Shipping Weight 44 Lbs.	10.70
No. 440—Weighs ¼ Oz. to 16 Lbs., Shipping Weight 68 Lbs.	14.00

One in a Box.

BUTTER



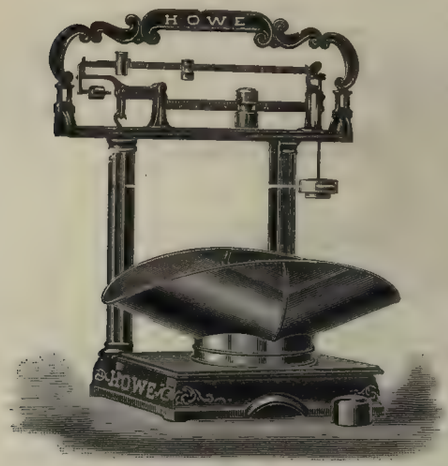
Double Beam, Graduated by ½ Oz. to 3 Lbs. on Each Bar, Square Porcelain Plate.

Without Scoop.	Each
No. 596—Weighs ½ Oz. to 25 Lbs., Ship. Wt. 33 Lbs.	$14.70
No. 467—Weighs ½ Oz. to 36 Lbs., Ship. Wt. 45 Lbs.	17.35
No. 464—Weighs ½ Oz. to 62 Lbs., Ship. Wt. 55 Lbs.	20.00

With Tin Scoop.	Each
No. 465—Weighs ½ Oz. to 36 Lbs., Ship. Wt. 50 Lbs.	$19.25
No. 466—Weighs ½ Oz. to 62 Lbs., Ship. Wt. 62 Lbs.	22.00

One in a Box.

Howe Scales.



VERMONT COUNTER

Finished in Vermilion and Gold, Highly Ornamented, Nickel Plated Double Beam and Sliding Poises, Beam Graduated on Both Sides, Upper Bar 1 Ounce to 10 Pounds, Lower Bar 8 Ounces to 40 Pounds, Total Capacity of Scale 200 Pounds, 15x12 in. Platform.

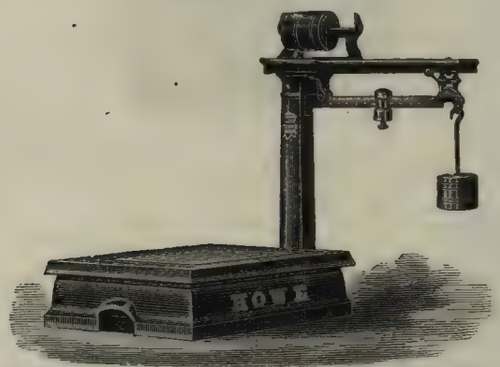
	Each
No. 593—Extra Large Tin Scoop, **Weighs 1 Oz. to 200 Lbs,** Shipping Weight 85 Lbs.	$32.00
No. 594—Extra Large Brass Scoop, **Weighs 1 Oz. to 200 Lbs.,** Shipping Weight 85 Lbs.	33.35
No. 597—Without Scoop, Weighs 1 Oz. to 200 Lbs., Shipping Weight 80 Lbs.	30.00
No. 598—Without Scoop, Marble Platform, Weighs 1 Oz. to 200 Lbs., Shipping Weight 95 Lbs.	32.00

The Above Scales can be Furnished with Agate Bearings at an Additional Cost of $5.00 Each.

Can be used with or without Scoop, have a large platform in proportion to Counter Room occupied. The Beam, being set back, will not interfere with high packages, and being placed above the Cap can be easily read by both merchant and customer.

One in a Box.

PLATFORM COUNTER



Made Entirely of Metal with a Pillar Only of Sufficient Height to be Convenient for Weighing when the Scale Rests on the Counter. 13x19 in. Platform.

	Each
No. 348—Single Brass Beam, **Weighs 2 Oz. to 300 Lbs.,** Shipping Weight 100 Lbs.	$25.35
No. 502—Single Brass Beam, **Weighs ¼ Oz. to 300 Lbs.,** Shipping Weight 100 Lbs.	32.00

One in a Box.

PLATFORM COUNTER

Same Style as Above, with 10x14 In. Platform.

	Each
No. 345—Single Brass Beam, **Weighs 1 Oz. to 200 Lbs.,** Shipping Weight 50 Lbs.	$21.35

One in a Box.

ACME COUNTER

Finished in Vermilion, with Gold Ornamentation, Nickel Plated Double Beam and Sliding Poises.

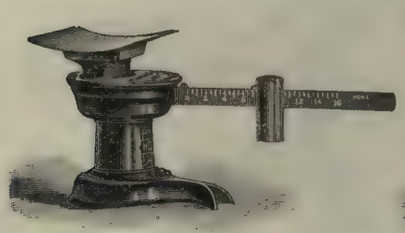
The Upper Bar of Beam is Graduated by 1 Ounce to 10 Pounds, the Lower Bar, 8 Ounces to 40 Pounds, Total Capacity of Scale, 100 Pounds, 12x12 in. Platform.

	Each
No. 810—With Tin Scoop, **Weighs 1 Oz. to 100 Lbs.,** Shipping Weight 50 Lbs.	$23.35
No. 812—With Brass Scoop, **Weighs 1 Oz. to 100 Lbs.,** Shipping Weight 51 Lbs.	25.35
No. 814—Without Scoop, **Weighs 1 Oz. to 100 Lbs.,** Shipping Weight 50 Lbs.	21.35
No. 815—Without Scoop, Marble Platform, **Weighs 1 Oz. to 100 Lbs.,** Shipping Weight 55 Lbs.	23.35
No. 817—With Brass Scoop and Marble Platform, **Weighs 1 Oz. to 200 Lbs.,** Shipping Weight 60 Lbs.	27.35

The above Scales can be furnished with Agate Bearings at an additional cost of $5.00 each.

One in a Box.

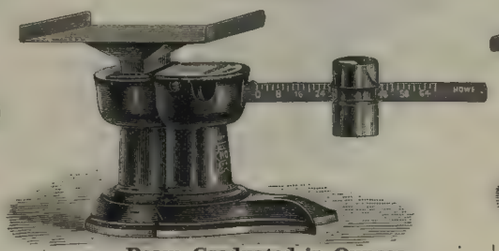
POSTAL



Single Beam, Graduated in Ounces.

	Each
No. 358—Weighs ½ Oz. to 9 Oz., Shipping Weight 4 Lbs.	$4.00
No. 355—Weighs ½ Oz. to 16 Oz., Shipping Weight 5 Lbs.	5.35

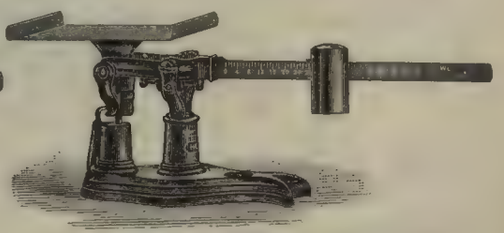
One in a Box.



Beam Graduated in Ounces.

	Each
No. 354—Single Beam, **Weighs ½ Oz. to 32 Oz.,** Shipping Weight 10 Lbs.	$8.00
No. 362—Double Beam, **Weighs ½ Oz. to 64 Oz.,** Shipping Weight 20 Lbs.	10.70

One in a Box.



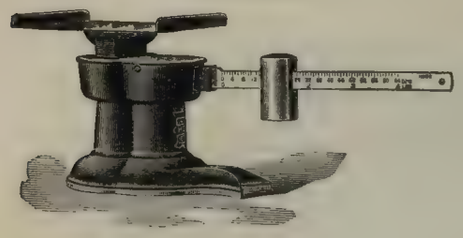
Single Beam with Balance Ball in the Beam Head for Rebalancing Scale.

	Each
No. 363—Weighs ½ Oz. to 64 Oz., Shipping Weight 20 Lbs.	$10.70

One in a Box.

Howe Scales.

PACKAGE



Single Beam.

	Each
No. 364—Weighs ½ Oz. to 64 Oz., Shipping Weight 18 Lbs.	**$10.70**

One in a Box.

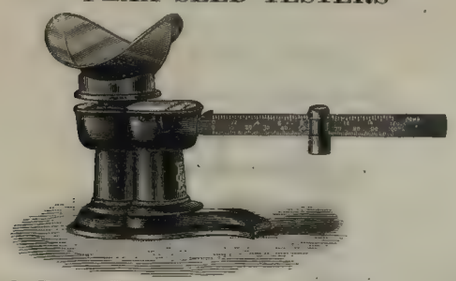
TOBACCO

Single Beam, Brass Scoop, Full Capacity on Beam.

	Each
No. 347—Weighs ¼ Oz. to 16 Oz., Shipping Weight 6 Lbs.	**$7.35**
No. 349—With Nickel Plated Scoop, Weighs ¼ oz. to 16 Oz., Shipping Weight 6 Lbs.	**9.00**

One in a Box.

FLAX SEED TESTERS

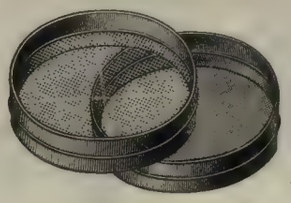


Single Beam, Brass Scoop, Full Capacity on Beam.

	Each
No. 500—Weighs ¼ Oz. to 16 Oz., Shipping Weight 6 Lbs.	**$13.35**

One in a Box.

SIEVES FOR FLAX SEED TESTERS



In Sets of Two.

	Per Set
Sieves—In Sets of Two, Weight Per Set 6 Lbs.	**$3.90**
Sieves—In Sets of Two, Extra Large, Weight Per Set, Crated, 6 Lbs.	**5.60**

One Set in a Crate.

For ascertaining the per cent of dirt in the seed. Beam graduated ¼ oz. to 16 oz. Also per cent graduation 0 to 100. Weigh 1 pound of seed in scoop, sift the dirt therefrom, then weigh the dirt or seed; the per cent graduation on lower part of beam indicates the amount of dirt or clean seed.

No. 1P.

Counter Scales.

PEERLESS UNION

Complies with the New State Law in All Respects.

High Grade Construction, Extra Heavy Castings, Solid Heavy Brass Beam, Hardened Steel Pivots and Bearings, Carefully Tempered, Handsomely Painted and Decorated, with Tin Scoop.

	Each
No. 1P—Single Beam, Weighs ½ Oz. to 240 Lbs., Shipping Weight 65 Lbs.	**$8.35**
No. 2P—Double Beam, Weighs ½ Oz. to 240 Lbs., Shipping Weight 70 Lbs.	**9.40**

One in a Box.

Counter Scales.

EXCELSIOR

Solid Brass Beam, Case Hardened Tool Steel Bearings, Vermilion Enameled, Gold Decorated.

With Tin Scoop.

	Each
Excelsior—Weighs 25 Lbs. by ¼ Oz., Shipping Weight 15 Lbs.	**$6.70**

One in a Box.

Candy Scales.

AMERICAN

Extra Heavy Solid Brass Single Beam, Solid Brass Sliding Poise, Beam Graduated on Both Sides, in Lines by ½ Oz. and in Figures by ¼ Lb., Case Hardened Tool Steel Bearings and Pivot, Vermilion Enameled, Gold Decorated.

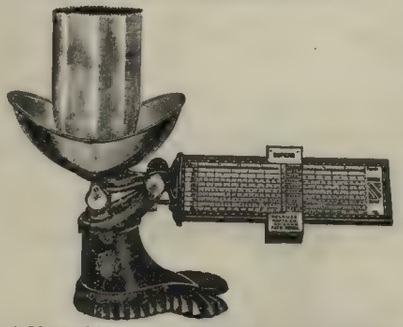
With Tin Scoop.

	Each
American—Weighs 4 Lbs. by ½ Oz., Shipping Weight 12 Lbs.	**$7.80**

One in a Box.

Candy Scales.

SUPERB COMPUTING



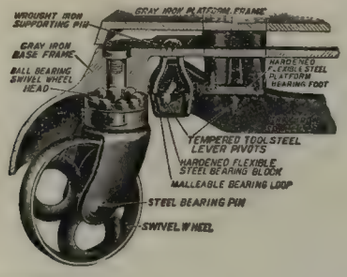
Adjustable Beam, Tempered Steel Bearings and Pivots, all Metal Mountings and Scoop Nickel Plated, Sliding Indicator Poise with Fine Wire Which Shows the Cost in Cents of the Material Weighed and Computes the Cost of Candy from 5 to 60 Cents per Pound.

	Each
Superb—Capacity 2 Lbs. by ½ Oz., Length 14 in., Height 8 in., Weight Each, Boxed, 6 Lbs.	**$9.00**

One in a Box.

Portable Platform Scales.

CYCLO



Sectional View showing how the Swivel Caster Wheels are held in Base Frame; also how Scale Levers are supported in Hardened Flexible Loop Bearings, as well as how the Platform Frame is supported on Levers by Hardened Flexible Steel Bearing Feet.

Conforms with All Requirements of the Law.

Highly Polished Brass Beam and Crescent Shape Sliding Poise, Wood Center Platform, Steel Bearings, Ball Bearing Swivel Head Wheels at Beam End of Scale, Stationary Wheels at Other End of Frame, Iron Parts Finished in Black Japan.

Single Beam.

Nos.	606	608	610	612	615
Capacity, Lbs.	600	800	1000	1200	1500
Platform, In..	16½x22	16½x24	17x24½	17½x25	18x26
Ship. Wt., Lbs.	150	165	170	175	200
Each	$21.15	22.25	24.50	27 80	33.35

Double Beam.

Nos.	906	908	910	912	915
Capacity, Lbs.	600	800	1000	1200	1500
Platform, In..	16½x22	16½x24	17x24½	17½x25	18x26
Ship. Wt., Lbs.	155	170	175	180	205
Each	$24.50	25.60	27.80	31.10	37.00

The swivel construction on this Scale enables the operator to turn the Scale within its own length, which is very often desirable.

One in a Box.

COLBY

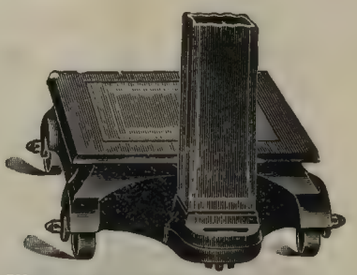


Illustration shows the Front of Scale Frame and how the Wheels are enclosed within the Scale Base.

Conforms with All Requirements of the Law.

Highly Polished Brass Beam, Square Brass Sliding Poise, Wood Center Platform, Stationary Enclosed Wheels.

Single Beam.

Nos.	4006	4008	4010	4012	4015
Capacity, Lbs.	600	800	1000	1200	1500
Platform, In..	16½x22	16½x24	17x24½	17½x25	18x26
Ship. Wt., Lbs.	150	155	160	170	200
Each	$18.90	20.00	22.25	25 60	31.15

Double Beam.

Nos.	4206	4208	4210	4212	4215
Capacity, Lbs.	600	800	1000	1200	1500
Platform, In..	16½x22	16½x24	17x24½	17½x25	18x26
Ship. Wt., Lbs.	155	160	165	175	205
Each	$22.25	23.35	26.10	29.50	33.35

One in a Box.

PEERLESS

Nos. 800P. to 1700P.

PEERLESS

Conforms with All Requirements of the Law.

Single Brass Beam, Wood Center Platform, Steel Bearings, Sliding Poise, with Wheels.

Nos.	600P	800P	1000P
Capacity, Lbs.	600	800	1000
Platform, Inches	16½x22	16⅝x24⅛	17x24½
Shipping Weight, Lbs.	155	160	170
Each	$17.80	18.90	20.00

Nos.	*1001P	1200P	1500P
Capacity, Lbs.	1000	1200	1500
Platform, Inches	17x24½	17½x25	18x26
Shipping Weight, Lbs.	170	180	200
Each	$20.00	24.50	31.60

*No. 1001P has 100 Pounds Marked on Beam.

One in a Box.

CHAMPION

Nos. 1006 to 1018.

CHAMPION

Wood Center Platform, High Grade Steel Pivots, Adjustable Steel Bearings, Sliding Poise, with Wheels.

Single Brass Beam.

Nos.	1006	1008	1010	1012	1015	1018
Capacity, Lbs.	600	800	1000	1200	1500	1800
Platform, In.	16x22	16x24	16x24	17x26	20x28	20x29
Ship. Wt., Lbs.	150	160	170	225	250	265
Each	$18.90	21.15	23.35	26.65	30.00	33.35

One in a Box.

Double Brass Beam.

Nos.	2206	2208	2210	2212	2215	2218
Capacity, Lbs.	600	800	1000	1200	1500	1800
Platform, In.	16x22	16x24	16x24	17x26	20x28	20x29
Ship. Wt., Lbs.	155	165	175	230	255	270
Each	$23.35	25.60	27.80	31.10	33.35	35.60

One in a Box.

Portable Platform Scales.

HOWE

Carefully Proportioned Iron Parts, Steel Pivots, Hardened Bearings, Choicest Selection of Wood Used in Platform.

Nos. 32 to 29.

With Wheels, Wood Center Platform, Beam Graduated by ¼ Lbs. to 50 Lbs.

Nos.	32	30	29
Capacity, Lbs.	400	600	800
Platform, Inches	15x22	16x24	17x24
Shipping Weight, Lbs.	157	173	177
Each	$31.10	44.00	45.60

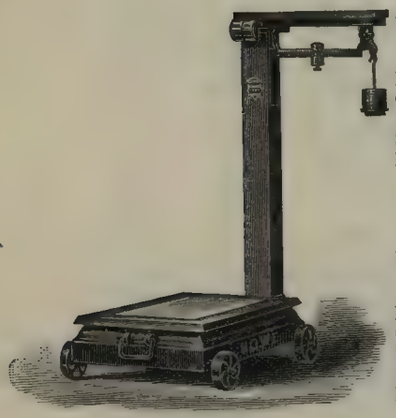
One in a Box.

Without Wheels, Wood Center Platform, Beam Graduated by ¼ Lbs. to 50 Lbs.

Nos.	46	44	43
Capacity, Lbs.	400	600	800
Platform, Inches	15x22	16x24	17x24
Shipping Weight, Lbs.	145	160	170
Each	$27.80	36.15	42.25

One in a Box.

Nos. 46 to 43.



Nos. 28 to 24.

With Wheels, Wood Center Platform, Beam Graduated by ½ Lbs. to 100 Lbs.

Nos.	28	26	24
Capacity, Lbs.	1000	1200	1500
Platform, Inches	17x26	19x28	21x30
Shipping Weight, Lbs.	233	260	333
Each	$51.15	64.00	74.70

One in a Box.

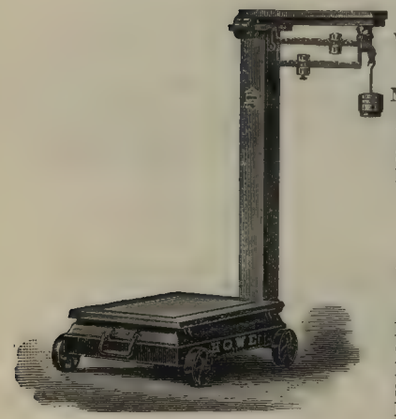
Without Wheels, Wood Center Platform, Beam Graduated by ½ Lbs. to 100 Lbs.

Nos.	42	40	38
Capacity, Lbs.	1000	1200	1500
Platform, Inches	17x26	19x28	21x30
Shipping Weight, Lbs.	220	242	298
Each	$47.75	58.70	69.35

One in a Box.

Nos. 42 to 38.

HOWE DAIRY



Nos. 94 to 90.

With Wheels, Double Beam, Graduated by ½ Lbs. to 100 Lbs., Wood Center Platform.

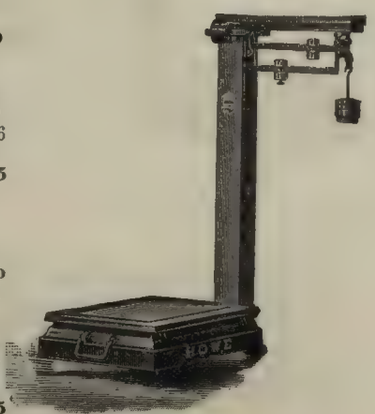
Nos.	94	92	31	90
Capacity, Lbs.	400	600	800	1000
Platform, Inches	15x22	16x24	17x24	17x26
Ship. Weight, Lbs.	171	183	187	243
Each	$36.70	45.00	51.10	56.95

One in a Box.

Without Wheels, Double Beam, Graduated by ½ Lbs. to 100 Lbs., Wood Center Platform.

Nos.	100	98	35	96
Capacity, Lbs.	400	600	800	1000
Platform, Inches	15x22	16x24	17x24	17x2(
Ship. Weight, Lbs.	157	168	175	230
Each	$33.35	40.60	47.75	53.65

One in a Box.



Nos. 100 to 96.

Portable Platform Scales.

HOWE

Carefully Proportioned Iron Parts, Steel Pivots, Hardened Bearings, Choicest Selection of Wood Used in Platform.

SQUARE PLATFORM

With Wheels, Wood Center Platform.

Nos.	858	856	854	852	850
Capacity, Lbs.	400	600	800	1000	1200
Platform, Inches	22x22	24x24	25x25	26x26	28x28
Shipping Weight, Lbs.	197	224	233	290	320
Each	$40.00	46.70	53.35	60.00	70.70

Nos. 858 to 854 Have Beams Graduated ¼ Lb. to 50 Lbs.
Nos. 852 and 850 Graduated ½ Lbs. to 100 Lbs.

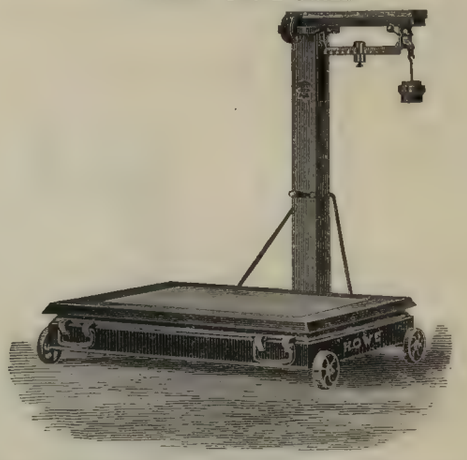
One in a Box.

With Wheel, Patent Drop Lever, Wood Center Platform, Beams Graduated ½ Lb. to 100 Lbs.

Nos.	868	866	864	862	860
Capacity, Lbs.	1000	1200	1500	2000	2500
Platform, Inches	26x26	28x28	30x30	32x32	34x34
Shipping Weight, Lbs.	353	387	474	577	618
Each	$70.70	84.00	98.70	120.00	140.00

One in a Box.

GRAIN OR PORK



With Wheels, Wood Center Platform, Beam Graduated by ½ Lb. to 100 Lbs.

Nos.	136	628	138	140	218
Capacity, Lbs.	1000	1200	1500	2000	2500
Platform, Inches	43x30	43x30	43x30	44x35	44x35
Shipping Weight, Lbs.	513	515	525	591	645
Each	$97.35	102.70	113.35	125.35	133.35

One in a Box.

Without Wheels, Wood Center Platform, Beam Graduated by ½ Lb. to 100 Lbs.

Nos.	137	630	139	141	219
Capacity, Lbs.	1000	1200	1500	2000	2500
Platform, Inches	43x30	43x30	43x30	44x35	44x35
Shipping Weight, Lbs.	487	495	510	570	621
Each	$90.70	96.00	106.70	116.00	124.00

One in a Box.

PATENT DROP LEVER

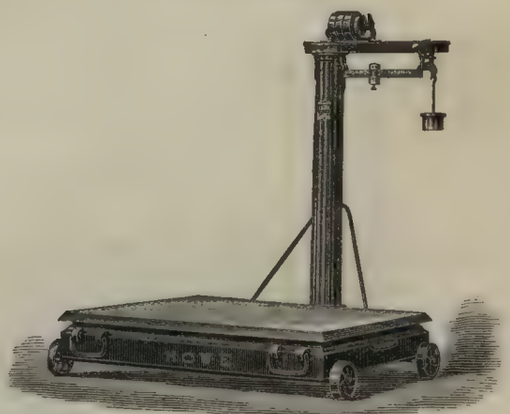
With Wheels, Wood Center Platform, Beam Graduated by ½ Lb. to 100 Lbs.

Nos.	88	86	84
Capacity, Lbs.	1000	1200	1500
Platform, Inches	17x26	19x28	21x30
Shipping Weight, Lbs.	286	325	400
Each	$66.70	74.70	92.00

Nos.	82	79	78
Capacity, Lbs.	2000	2500	3500
Platform, Inches	23x32	26x34	32x40
Shipping Weight, Lbs.	490	550	1047
Each	$109.35	125.35	163.35

These Scales have Patent Drop Lever, which raises the platform entirely off from the working parts of the Scale while it is being loaded. This is done without moving the beam or any of the working parts of the Scale.

WHEELBARROW



With Wheels, Metal Top Platform, Beam Graduated by ½ Lb. to 100 Lbs.

Nos.	142	144	1113
Capacity, Lbs.	1000	1500	2000
Platform, Inches	43x30	43x30	44x35
Shipping Weight, Lbs.	666	729	841
Each	$100.00	113.35	133.35

Without Wheels, Metal Top Platform, Beam Graduated by ½ Lb. to 100 Lbs.

Nos.	143	145	1114
Capacity, Lbs.	1000	1500	2000
Platform, Inches	43x30	43x30	44x35
Shipping Weight, Lbs.	621	667	817
Each	$93.35	106.70	124.00

For weighing Barrows of Coal or other substances. **Furnished with a set of Inclines or Run Boards at above prices.**

Portable Platform Scales.

HOWE

Carefully Proportioned Iron Parts, Steel Pivots, Hardened Bearings, Choicest Selection of Wood Used in Platform Where Wood is Required.

CROWN BEAM

Double Beam, Upper Bar Graduated and Notched by ½ Lbs. to 150 Lbs.; Lower Bar by 50 Lb. Notches up to 250 Lbs. Sliding Poises, Wood Center Platform, Birch Pillar and Cap, Natural Wood Finish.

Nos.	97	99
Capacity, Lbs.	500	600
Platform, Inches	15x22	16x24
Shipping Weight, Lbs.	185	195
Each	$50.70	60.00

Designed for all commercial purposes, has no loose weights. By using the bottle weight the entire capacity is given on the beam. The poises are sliding and have a steel dog which drops into the notches on the beam, thereby securing absolute and correct weight.

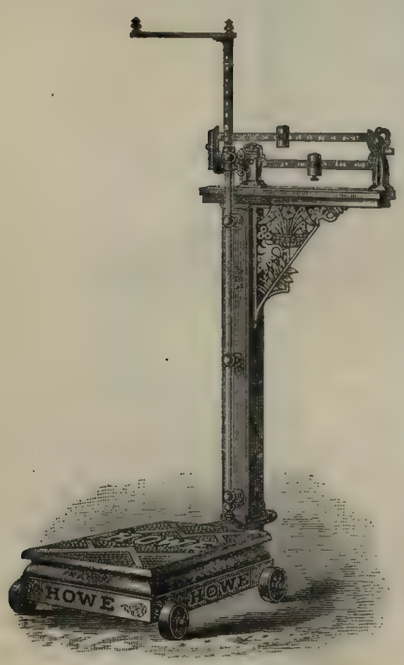
One in a Box.

PHYSICIANS'

Double Beam, 25 Lbs. on Upper Bar by 2 oz. Notches, 175 Lbs. on Lower Bar by 5 Lb. Notches and 100 Lb. Bottle Weight, Nickel Plated Beams, Poises and Bottle Weight, Metal Platform 17x13 inches.

	Each
No. 510—Capacity 300 Lbs., without Rollers, Red with Bronze Ornamentation, Shipping Wt. 165 Lbs.	$34.70
No. 512—Capacity 300 Lbs., without Rollers, White or Blue Enamel and Gold, Shipping Weight 165 Lbs.	50.70
No. 514—Capacity 300 Lbs., with Rollers, Red with Bronze Ornamentation, Shipping Weight 170 Lbs.	40.00
No. 516—Capacity 300 Lbs. with Rollers, White or Blue Enamel and Gold, Shipping Weight 170 Lbs.	56.00

The above Scales can be furnished with Nickel Plated Measuring Rods at an additional cost of $13.00 each; can also be furnished with Agate Bearings at an additional cost of $5.00 each.



Nos. 535 and 537.

FANCY WEIGHING AND MEASURING

Double Beam Graduated by ½ Lb., with Brass Platform, Polished Wheels, Bronze or Nickel Bracket Under Cap.

	Each
No. 535—Capacity 400 Lbs., Oak, Cherry or Black Walnut Pillar and Cap, Highly Polished Nickel Plated Beam Measuring Rod and Trimmings, Agate Bearings, Shipping Weight Each 210 Lbs.	$93.35
No. 537—Capacity 400 Lbs., Birch Pillar and Cap, Stained Cherry, Nickel Plated Beam and Measuring Rod, Extra Japanned Beam Trimmings, Shipping Weight Each 200 Lbs.	90.00

One in a Box.

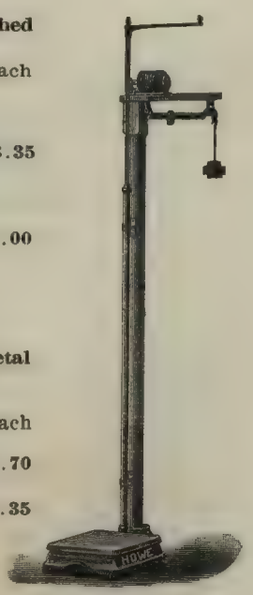
BATH ROOM

Single Beam Graduated by 1 Oz. Marks to 5 Lbs., 10x14 Inch Metal Platform, White Enameled and Gold Finish, Nickel Plated Weights, Counterpoise and Beam.

	Each
No. 530—Capacity 1 Oz. to 250 Lbs., Without Measuring Rod, Shipping Weight 107 Lbs.	$26.70
No. 532—Capacity 1 Oz. to 250 Lbs., With Nickel Plated Measuring Rod, Shipping Weight 115 Lbs.	37.35

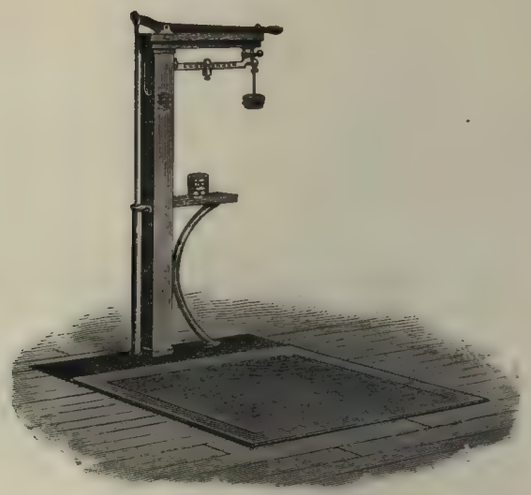
This Scale having a Tall Pillar enables the person using it to read the beam without an extra effort.

One in a Box.



No. 532.

Dormant Warehouse Scales.



HOWE

Carefully Proportioned Iron Parts, Steel Pivots, Hardened Bearing.

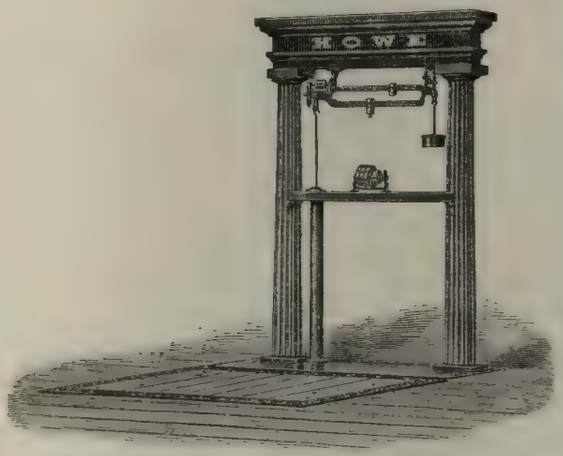
Single Beam with Patent Drop Lever.

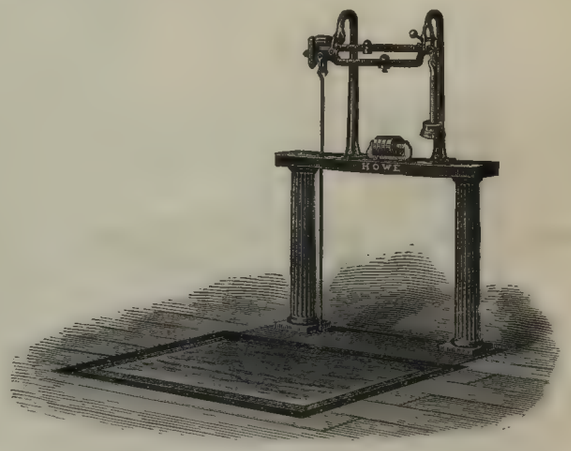
Nos.	178	176	174	172
Capacity, Lbs.	1200	1500	2000	2500
Platform, Inches	19x28	24x32	28x36	35x38
Platform to Pillar, Inches	8	10½	10½	10½
Extreme Size Floor Opening, In.	43x20½	48¼x25⅛	54½x28	55¼x35¾
Shipping Weight, Lbs.	353	407	496	657
Each	$77.35	90.70	104.00	122.70

Nos.	175	170	508
Capacity, Lbs.	3000	3500	5000
Platform, Inches	35x44	43x45	48x48
Platform to Pillar, Inches	10½	11½	16
Extreme Size Floor Opening, In.	61½x35¾	62¼x44	71¾x48½
Shipping Weight, Lbs.	713	996	1150
Each	$130.70	140.00	200.00

The Beams on Nos. 178 to 170 are graduated by ½ Lbs.; on the No. 508 by 1 Lb.

One in a Box.





Two Iron Pillars, Double Brass Beam.

Upper Bar graduated by ½ Lbs to 100 Lbs, Lower Bar 1 Lb. to 200 Lbs., Graduated Counterpoise and Weights.

Nos.	540	538	168
Capacity, Lbs.	1200	1500	2500
Platform, Inches	43x33	44x34	36x88
Platform to Pillar, Inches	15½	15	15¼
Extreme Size Floor Opening, In.	56¼x44¼	56¼x44¾	61¼x44
Shipping Weight, Lbs.	783	786	777
Each	$128.00	133.35	140.00

Nos.	166	169	164
Capacity, Lbs.	3500	4000	5000
Platform, Inches	43x45	48x48	48x48
Platform to Pillar, In.	17⅜	16⅛	16⅛
Extreme Size Floor Opening, In.	70x44	72x48¼	72x48¼
Shipping Weight, Lbs.	1050	1196	1250
Each	$166.70	206.70	226.70

CALIFORNIA GRAIN DORMANT

Each

No. 167—Capacity 2500 Lbs., Platform 38x46 in., Platform to Pillar 15¼ in., Extreme Size of Floor Opening 69¼x44 in., Shipping Weight 860 Lbs. **$150.70**

CLOTH DORMANT

Each

No. 208—Capacity 2500 Lbs., Platform 46x38 in., Platform to Pillar 15¼ in., Extreme Size of Floor Opening 61x47 in., Shipping Weight 890 Lbs. . **$150.70**

One in a Box.

Short Iron Pillars, Hardwood Shelf, Goose Neck Hangers, Brass Beam.

Upper Bar graduated by ½ Lbs to 100 Lbs, Lower Bar 1 Lb. to 200 Lbs., Graduated Counterpoise and Weights.

Nos.	1088	1087	1086
Capacity, Lbs.	1200	1500	2500
Platform, Inches	43x33	44x34	36x38
Platform to Pillar, Inches	15½	15	15¼
Extreme Size Floor Opening, In.	56¼x44¼	56¼x44¾	61¼x44
Shipping Weight, Lbs.	710	720	750
Each	$106.70	112.00	118.70

Nos.	1085	1084	1083
Capacity, Lbs.	3500	4000	5000
Platform, Inches	43x45	48x48	48x48
Platform to Pillar, In.	17⅜	16⅛	16⅛
Extreme Size Floor Opening, In.	70x44	72x48¼	72x48¼
Shipping Weight, Lbs.	970	1125	1170
Each	$144.00	176.00	196.00

CALIFORNIA GRAIN DORMANT

Each

No. 1089—Capacity 2500 Lbs., Platform 38x46 in., Platform to Pillar 15¼ in., Extreme Size of Floor Opening 69¼x44 in., Shipping Wt. 760 Lbs. . **$132.00**

CLOTH DORMANT

Each

No. 1090—Capacity 2500 Lbs., Platform 46x38 in., Platform to Pillar 15¼ in., Extreme Size of Floor Opening 61x47 in., Shipping Weight 810 Lbs. . **$132.00**

One in a Box.

Miner or Transportation Scales.

HOWE

Carefully Proportioned Iron Parts. Steel Pivots, Hardened Bearings.

Single Brass Beam, Graduated by 2½ Lbs. to 500 Lbs., for 4 Tons Capacity and Under and to 1000 Lbs. for 5 Tons and Over, Sliding Poise.

Nos.	238	235	234	232	230	228	780
Capacity, Tons	2	2	3	3	4	4	6
Platform, Feet	6x4	8x4	6x4	6x5	6x5	8x6	8x6
Edge of Platform to Beam Rod, Feet	3	3	3	2½	2½	2	2
Shipping Wt., Lbs.	1115	1150	1125	1150	1165	1285	1490
Each	$164.65	170.95	177.20	196.15	202.50	208.80	265.75

Above prices are exclusive of Timber and Foundation. These Scales are designed for weighing small cars of coal, ore, etc., and are also used at factories for weighing heavy machinery and other articles.

Double Beams can be furnished with any of the above Scales at additional prices.

Wagon or Hay Scales.

HOWE

Improved Double Brass Beam, Graduated by 2½ Lb. Marks, Sliding Poises.

Nos.	268	267	265	260
Capacity, Tons	4	5	6	6
Platform, Feet	14x8	14x8	14x8	22x8
Edge of Platform to Beam Rod, Ft.	2	2	2⅛	2⅛
Shipping Weight, Lbs.	870	890	1260	1725
Each	$200.00	240.00	270.00	318.00

Nos.	259	254	253	248
Capacity, Tons	8	8	10	10
Platform, Feet	14x8	22x8	14x8	22x8
Edge of Platform to Beam Rod, Ft.	2⅛	2⅛	2⅛	2⅛
Shipping Weight, Lbs.	1265	1835	1470	1900
Each	$324.00	360.00	360.00	396.00

These Scales require a total depth of only 20 to 28 inches. The cost of preparing a foundation for the above Scales is less than that for other Scales generally in use.

Compound Beams can be furnished with any of the above Scales at additional prices.

Timber Work and Foundation for any of the above Scales to be furnished by the purchaser.

U. S.

Double Brass Beam, Sliding Poises.

Nos.	3002	3005	3010
Capacity, Tons	2	3	4
Platform, Feet	13x7	13x7	14x8
Shipping Weight, Lbs.	600	610	620
Each	$73.30	80.00	86.60

A first class, reliable Scale at a moderate price. Simple, durable and accurate. The pivots or knife edges are protected by Rocker Bearings, which are only used in the Champion Scales.

Compound Brass Beams for above Scales furnished at additional prices.

CHAMPION

Double Brass Beam, Sliding Poises.

Nos.	3006	3016	3020	3026	3058
Capacity Tons	3	4	5	6	6
Platform, Feet	14x8	14x8	14x8	15x8	22x8
Shipping Wt., Lbs.	600	620	650	730	1050
Each	$100.00	104.50	111.10	122.10	166.50

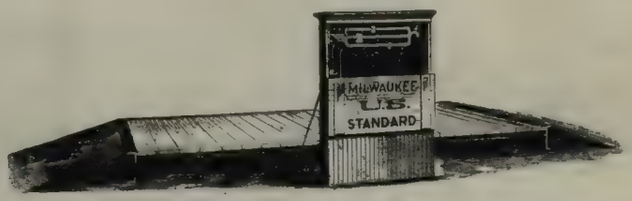
Timber Work and Foundation for any of the above Scales to be furnished by the purchaser.

Steel Pitless Wagon Scale.

MILWAUKEE

This Scale is high grade in every particular and has the direct steel lever construction. The internal construction and parts of this Steel Pitless Wagon Scale are made from high grade materials throughout and by skilled mechanics.

The Triple Beam Scale is provided with combination three-bar solid brass beam, carefully graduated to full capacity, thus requiring no loose weights to get lost or out of seal. The upper bar is graduated by 10 pound marks to 2,000 pounds capacity and has brass faced sliding poise provided with set screw so that it can be fastened at any point. The lower bar is graduated to 500 pounds by 2½ pound marks and has brass sliding poise. The middle bar is graduated to balance of capacity of scales by 500 pound notches and is provided with brass-faced sliding poise, fitted with steel pin, which drops in notches. This poise is sealed on each notch thus making any variation in weight impossible. Beams and poises are all finely polished and marks are large and distinct.



Beam pivots are of best tool steel drawn to a knife edge and carefully tempered; each one being secured in beam by hard friction steels which pass through beam preventing the loop from chafing or binding against beam. The beam pivot loops are carefully tempered. The beam is equipped with a balance ball to balance off the weight of the platform as it may vary from accumulation of ice, snow, etc., and also has a counter poise for greater variations in weight.

Our celebrated Steel Pitless Scale is carefully crated and boxed for shipment with complete printed directions for setting up and installing. **Purchaser is required to furnish only the platform planks.**

	Each
No. 4121D—Double Beam, Capacity 4 Tons, 8x14 ft. Platform, Shipping Weight 1160 Lbs.	**$111.10**
No. 5122D—Double Beam, Capacity 5 Tons, 8x14 ft. Platform, Shipping Weight 1160 Lbs.	**122.10**
No. 4121T—Triple Beam, Capacity 4 Tons, 8x14 ft. Platform, Shipping Weight 1160 Lbs.	**122.10**
No. 5122T—Triple Beam, Capacity 5 Tons, 8x14 ft. Platform, Shipping Weight 1160 Lbs.	**133.20**

Pitless Wagon Scales.

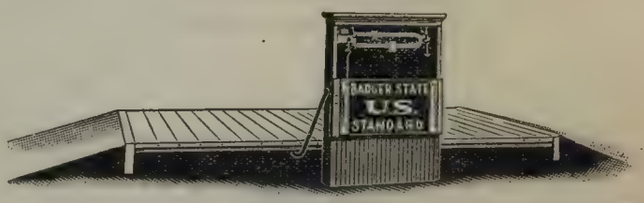
CREAM CITY

The Cream City Pitless Wagon Scale has the same construction as our Milwaukee Scales described above, with the exception that it is furnished without steel channel end sills. Two wood end pieces are used in the place of the steel channel end sills, and are furnished by the customer, the wood end pieces being 8 feet long by 3 inches thick by 10 inches wide. Otherwise the construction is identical with that of the Milwaukee Scale. This Scale is furnished with solid brass beam, carefully graduated to full capacity of scale and provided with brass sliding poises carefully milled to slide freely on weighing bars.

Our Cream City Pitless Wagon Scale is carefully crated and boxed for shipment with complete printed directions for setting up and installing.

	Each
No. 4123D—Double Beam, Capacity 4 Tons, 8x14 ft. Platform, Shipping Weight 900 Lbs.	**$100.00**
No. 5124D—Double Beam, Capacity 5 Tons, 8x14 ft. Platform, Shipping Weight 900 Lbs.	**111.10**
No. 4123T—Triple Beam, Capacity 4 Tons, 8x14 ft. Platform, Shipping Weight 900 Lbs.	**111.10**
No. 5124T—Triple Beam, Capacity 5 Tons, 8x14 ft. Platform, Shipping Weight 900 Lbs.	**122.10**

BADGER STATE



This Pitless Wagon and Stock Scale is provided with full capacity double brass beam fitted with brass poises. This beam is graduated to full capacity of the Scale, there being no loose weights to get lost or out of seal. The upper bar is graduated to 1,000 pounds by 5 pound marks and the lower to 7,000 pounds by 500 pound marks.

The levers are made from T-shaped rolled steel and supported in frame of scale by tubular steel cross pieces, which hold wood end sills in place. The platform stringer next to the beam box is made from a heavy steel I-beam, and supported on levers by carefully chilled bearing feet.

The beam and lever pivots throughout the Scale are of heavy tool steel ground to a knife edge and carefully hardened, thus insuring sensitiveness, accuracy and durability to all parts of Scale where the wear and strain is greatest.

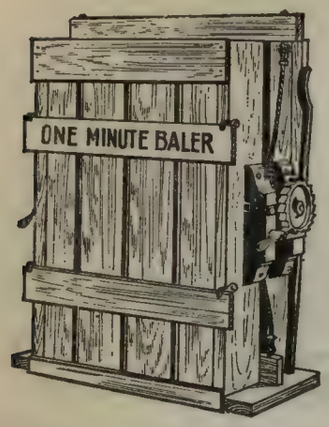
The beam box is made of good materials, well painted and provided with lock and key. The purchaser is required to furnish only the platform planks, two wood end sills 8 feet by 12 inches wide by 3 inches thick, and one platform stringer 14 feet long by 8 inches wide by 6 inches thick, this stringer being placed on the outer end of scale.

The printed instructions show and describe how all wood parts are cut and how foundation should be constructed.

	Each
No. 3125D—Double Beam, Capacity 3 Tons, 8x14 ft. Platform, Shipping Weight 900 Lbs.	**$ 88.80**
No. 4126D—Double Beam, Capacity 4 Tons, 8x14 ft. Platform, Shipping Weight 900 Lbs.	**100.00**

Waste Paper Balers.

ONE MINUTE



Selected Hardwood Body, Natural Finish.

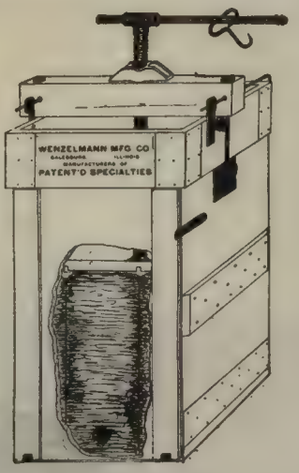
Each

No. 10—48 in. High, Occupies 21x36 in. Floor Space, Produces a bale 16x19x31 in., Weighing up to 200 Lbs., Shipping Weight About 250 Lbs.....**$55.60**

The Wire used in connection with the One Minute Paper Baler may be ordinary No. 14 Annealed Wire in Coils or Regular Single Bale Ties generally used for baling hay.

Shipped F. O. B. Factory, Clinton, Ia.

WENZELMANN'S WONDER



Wood Body, Painted Green, Japanned Iron Screw, Equipped With 8 Lbs. Baling Wire, Stamper Combination, Handle Bar and Wire Take-Up.

Each

No. 41—3 ft. 10 in. High (when Screw is Down), Occupies 20x21 in. Floor Space, 1½ in. Diameter Screw, Makes Bale 16x18 in. up to 2 ft. Long, Shipping Weight About 140 Lbs.....**$23.25**

The Cross Bar slides back out of the way for stamping and filling.

Shipped F. O. B. Factory, Galesburg, Ill.

WOLVERINE JUNIOR

Steel Fire-Proof Box, with Crank.

Each

No. 50—30 in. High, Occupies 14x18 in. Floor Space, Makes 14x18x24 in. Bale, Weighing 60 to 75 Lbs., Shipping Weight 150 Lbs.....**$36.70**

WOLVERINE

Steel Fire-Proof Box, with Lever and Crank.

Each

No. 55—6 ft. 10 in. High, Occupies 23x30 in. Floor Space, Makes 16x20x30 in. Bale, Weighing 100 to 125 Lbs., Shipping Weight 325 Lbs.....**$75.00**

These Waste Paper Balers are a profitable investment for Stores, Apartment Houses, Flats, Hotels, etc. The machine always stands ready to receive your waste paper, keeping it off the floor and in compact form.

Shipped F. O. B. Factory, Ypsilanti, Mich.

Waste Paper Balers

MERCHANT'S

(Machine Closed Ready to Receive Paper)

IMPORTANT FACTS

The Beam drops back automatically.

The Big Open Top is always ready to receive large armloads and baskets full of waste paper.

The MERCHANTS BALER SERVES AS A PAPER BIN and converts every scrap of paper into commercial form without extra work or loss of time.

There is no loss of space. Every inch is utilized. There is no loss of time feeding bulky paper through a small front door.

The Merchants Baler is guaranteed against breakage. through defect, for one year.

No other Baler, of like capacity, sells for less than $25 to $30.

The screw applies THREE TONS pressure.

The MERCHANTS BALER has divergent sides which allow the bale to drop out of Baler easily.

Baled paper is worth from $6 to $15 a ton.

No. 2 is made like No. 3 and is an excellent baler for stores not having a great amount of waste paper. No. 1 has only two wires.

No. 3 Merchants Baler is the most logical size for general use, owing to the larger capacity, which means a very great saving of time during a year, and we think more than pays for the added cost. With the Baler we will send, free of charge, leaflet entitled "How to Sort Paper," and "Helpful Suggestions," that will aid the user in getting the best results with the Baler.

Wood body, reinforced with Steel Braces at every necessary point; painted red; Japanned iron screw and lever. Furnished complete with 1 hook for handling bales, 1 time-saving tamper and wire for baling 1,000 lbs. of paper.

Nos.	1	2	3
Height, inches	48	48	54
Width, inches	22	30	30
Depth, inches	22	22	22
Size of bale, inches	17x17x31	17x21x31	18x25x36
Weight of bale, lbs.	65 to 80	100 to 125	140 to 175
Shipping weight of baler, lbs.	135	140	165
Each	**$23.35**	**$27.80**	**$34.50**

(Machine Open Ready to Remove Bale)

Shipped F. O. B. Factory, Galesburg, Ill.

Wrapping Paper.

PRINTED

Size of Advertisement (NOT INCLUDING Customer's Business Card).

Cut No. 1—11¾x8¼ in.

Cut No. 2— 8½x6 in.

SAMPLE No. 1

Sample of
No. 40 Light White Fibre Wrapping Paper
in Rolls

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	19	24	28	31	37	48
Per Pound	$0.12½	.12½	.12½	.12½	.12½	.12½

No. 40W—Light, Best Grade, WHITE FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.10	.10	.10	.10	.10	.10

No. 40G—Light, Best Grade, GREEN FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.11½	.11½	.11½	.11½	.11½	.11½

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	19	24	28	31	37	49
Per Pound	$0.12½	.12½	.12½	.12½	.12½	.12½

No. 90W—Heavy, Best Grade, WHITE FIBRE, 90 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.10	.10	.10	.10	.10	.10

No. 40P—Light, Best Grade, PINK FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.11½	.11½	.11½	.11½	.11½	.11½

The Above Paper is Shipped F. O. B. Factory in Wisconsin.

Wrapping Paper.

PRINTED

Regular Style Advertisement.

Size of Advertisement (NOT INCLUDING Customer's Business Card).

Cut No. 1—11¾x8¼ in.

Cut No. 2— 8½x6 in.

On an order of 6 Rolls or more of any Paper listed on this page we will print either Size of Advertisement and Customer's Business Card at prices of Paper given on this page. In ordering be careful to give Size of Advertisement, Kind and Width of Paper.

If any Advertisement other than one of our Regular Sizes and Styles is wanted, we can furnish at the following prices:

Printing Roll Paper.

Minimum 3 to 6 Rolls	Per Job,	$ 6.70
7 to 10 Rolls	Per Job,	8.00
11 to 14 Rolls	Per Job,	10.00
15 to 49 Rolls	Per Roll,	.67
50 to 124 Rolls	Per Roll,	.54
125 to 249 Rolls	Per Roll,	.49

The above prices include cost of printing firm name and business card otherwise than our regular style advertising.

No. 30/S—SWEDISH KRAFT, 30 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	19	24	28	31	37	48
Per Pound	$0.12½	.12½	.12½	.12½	.12½	.12½

No. 40W—Light, Best Grade, WHITE FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.10	.10	.10	.10	.10	.10

No. 40G—Light, Best Grade, GREEN FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.11½	.11½	.11½	.11½	.11½	.11½

No. 50/S—SWEDISH KRAFT, 50 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	19	24	28	31	37	49
Per Pound	$0.12½	.12½	.12½	.12½	.12½	.12½

No. 90W—Heavy, Best Grade, WHITE FIBRE, 90 Lb. Basis, in Rolls.

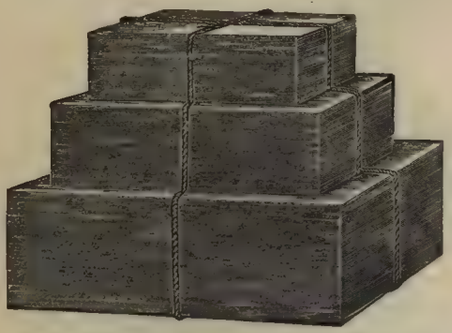
Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.10	.10	.10	.10	.10	.10

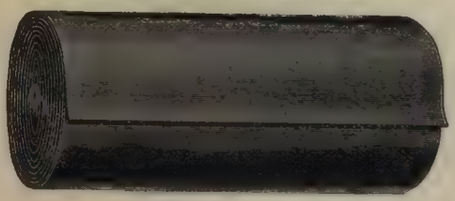
No. 40P—Light, Best Grade, PINK FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches...	12	15	18	20	24	30
Av. Wt. Roll, Lbs.	26	33	39	42	53	65
Per Pound	$0.11½	.11½	.11½	.11½	.11½	.11½

The Above Paper is Shipped F. O. B. Factory in Wisconsin.

Wrapping Paper.





DARK HARDWARE RAG, in Bundles.

Size, Inches	13x18	16x22	18x26	22x32
Average Weight Per Ream, Lbs.	25	40	55	85
Per Pound	$0.05	.05	.05	.05
Size, Inches		26x36	32x44	40x48
Average Weight Per Ream, Lbs.		125	175	250
Per Pound		$0.05	.05	.05

One Ream in a Bundle.

DARK HARDWARE RAG, in Rolls.

Width, Inches	15	18	24
Average Weight Per Roll, Lbs.	24	30	38
Per Pound	$0.05	.05	.05

SWEDISH KRAFT, 30 Lb. Basis, in Rolls.

Width, Inches	12	15	18	20	24	30
Ave. Wt. Roll, Lbs.	19	24	28	31	37	48
Per Pound	$0.10	.10	.10	.10	.10	.10

No. 40—Light, Best Grade, WHITE FIBRE, 40 Lb. Basis, in Rolls.

Width, Inches	12	15	18	24	30
Ave. Wt. Roll, Lbs.	26	33	39	53	65
Per Pound	$0.07½	.07½	.07½	.07½	.07½

SWEDISH KRAFT, 50 Lb. Basis, in Rolls.

Width, Inches	12	15	18	20	24	30
Ave. Wt. Roll, Lbs.	19	24	28	31	37	49
Per Pound	$0.10	.10	.10	.10	.10	.10

No. 90—Heavy, Best Grade, WHITE FIBRE, 90 Lb. Basis, in Rolls.

Width, Inches	12	15	18	24	30
Ave. Wt. Roll, Lbs.	26	33	39	53	65
Per Pound	$0.07½	.07½	.07½	.07½	.07½

Roll Paper Holders and Cutters.

MILWAUKEE

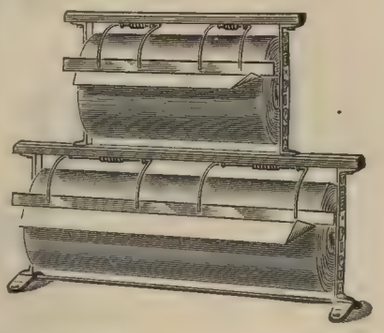
Japanned Iron Frame, Steel Spring Cutter, Varnished Hardwood Top.

Nos.	12	15	18
Width, Inches	12	15	18
Each	$2.25	2.25	2.25
Nos.	20	24	30
Width, Inches	20	24	30
Each	$2.25	2.25	2.25

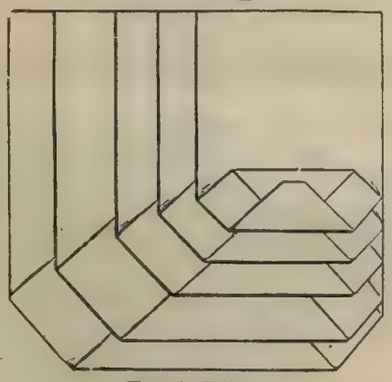
Weight Each Crated About 8 Lbs.

Pyramids and Combinations of the different sizes can be made as desired.

One in a Box.



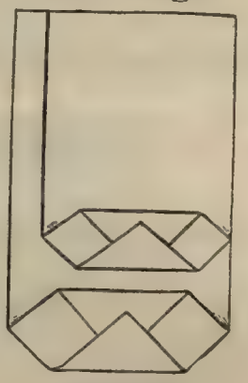
Nail Bags.



Tough Fibre.

Capacity, Lbs.	3	5	10
Inches	8¼x6¾	9x7¼	10¼x9¾
Ap. Wt. Per 1000, Lbs.	20	24	37
Per Thousand	$3.15	3.80	6.15
Capacity, Lbs.	16	20	25
Inches	11x12¼	13¼x12¼	14¼x12
Ap. Wt. Per 1000, Lbs.	57	70	75
Per Thousand	$8.15	9.50	10.60

Shot Bags.



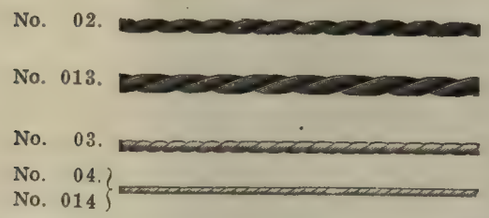
Tough Fibre.

Capacity, Lbs.	1	2	3
Width, Inches	2½	3	3½
Height, Inches	6	6½	7½
Ap. Wt. Per 1000, Lbs.	8	11	12
Per Thousand	$2.25	2.70	3.25

One-half Thousand in a Package.

Twines.

WRAPPING TWINE



	Per Pound
No. 02—2-Ply Jute Twine, in ½ Lb. Balls	$0.34
No. 013—3-Ply Jute Twine, in ½ Lb. Balls	.34
No. 03—3-Ply Cotton Twine, in 2 Oz. Balls	.45
No. 04—4-Ply Cotton Twine, in 2 Oz. Balls	.56
No. 014—4-Ply Cotton Twine, in 2 Lb. Cones	.56

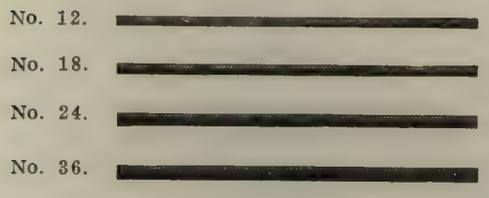
Open Stock.

INDIA HEMP TWINE

	Per Pound
No. 18J—India Hemp Twine, Flax Finish, in ½ Lb. Balls	$0.40
No. 24J—India Hemp Twine, Flax Finish, in ½ Lb. Balls	.39
No. 36J—India Hemp Twine, Flax Finish, in ½ Lb. Balls	.88

Three Pounds in a Package.

FLAX TWINE



	Per Pound
No. 12—Flax Twine, in ½ Lb. Balls	$0.58
No. 18—Flax Twine, in ¼ Lb. Balls	.54
No. 18—Flax Twine, in ½ Lb. Balls	.51
No. 24—Flax Twine, in ½ Lb. Balls	.51
No. 36—Flax Twine, in ½ Lb. Balls	.45

	Per Pound
No. 012—Flax Upholsterer's Twine, in ½ Lb. Balls	$0.90
No. 15—Flax Mattress Twine, in ½ Lb. Balls	1.00
No. 252—Flax Mattress Twine, in ½ Lb. Balls	1.12

Three Pounds in a Package.

COTTON BAG TWINE

	Per Pound
Cotton Bag Twine—In ¼ Lb. Balls	$0.56

Open Stock.

WOOL TWINE

	Per Pound
Jute Wool Twine—4-Ply, in 1 Lb. Balls	$0.20

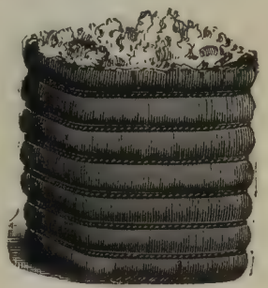
One Hundred Pounds in a Bale.

HEMP TWINE

	Per Pound
No. 4½—2-Ply Hemp Twine, in ½ Lb. Balls	$0.31
No. 6—3-Ply Hemp Spring Twine, in ¾ Lb. Balls	.31
No. 7—3-Ply Hemp Blocking Cord, in ¾ Lb. Balls	.30

Open Stock.

Cotton Waste.



White.

	Per Pound
No. 1—White Cotton	$0.22½
No. 2—White Cotton	.20

Colored.

	Per Pound
No. 01—Colored Cotton	$0.15
No. 02—Colored Cotton	.12½

One Hundred Pounds in a Bale.

Twine Boxes.

Cast Iron, Japanned, with Patent Catch.

Per Dozen

No. 1—5x3¾ in. Twine Chamber, Weight Per Dozen About 5 Lbs. **$2.25**

One-half Dozen in a Box.

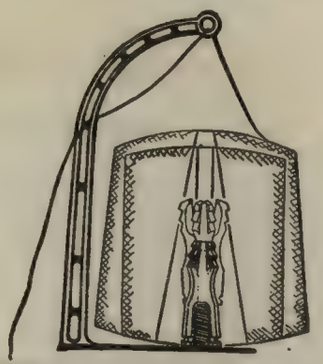
BEE HIVE, Cast Iron, Japanned.

Per Dozen

No. 31—4x4½ in. Twine Chamber, 6½ in. Diameter of Base, Weight Per Dozen About 30 Lbs. **$7.80**

One-twelfth Dozen in a Box.

Twine Holders.



SENSIBLE, Cast Iron, Japanned, with Expanding Reel, for Wrapping Twine in Cones.

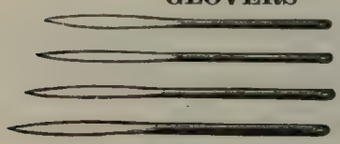
Per Dozen

No. 40—11 in. Long Arm, Weight Per Dozen About 20 Lbs. ... **$4.25**

One-half Dozen in a Box.

Needles.

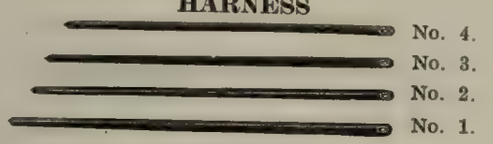
GLOVERS'



Polished Steel.

Nos.	1	2	3	4
Per Paper	$0.35	.35	.35	.35

HARNESS



Polished Steel.

Nos.	1	2	3	4
Per Paper	$0.18	.18	.18	.18

Weight Per Paper About 2 Ounces.

Twenty-five in a Paper.

SPEYING

Polished Steel.

Length, Inches	2½	3
Ap. Weight Per Paper, Oz.	1	1½
Per Dozen	$0.25	.30

Two Dozen in a Paper.

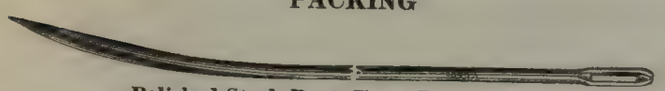
SAIL

Polished Steel.

Nos.	5	6	7	8	9
Length, Inches	2¾	3	3¼	3½	3¾
Ap. Wt. Paper, Oz.	1	1½	2	2½	3
Per Dozen	$0.20	.25	.30	.35	.40

Two Dozen in a Paper.

PACKING



Polished Steel, Bent, Extra Large Eyes.

Length, Inches	4	4½	5	5½	6	7
Ap. Wt. Per Paper, Oz.	3	5	7	9	12	15
Per Dozen	$0.25	.25	.30	.30	.35	.45

Three Dozen in a Paper.

UPHOLSTERERS'

Polished Steel, Double Point.

Length, Inches	12	14
Ap. Weight Per Dozen, Lbs.	¾	1⅛
Per Dozen	$2.15	2.40

One Dozen in a Paper.

LARDING

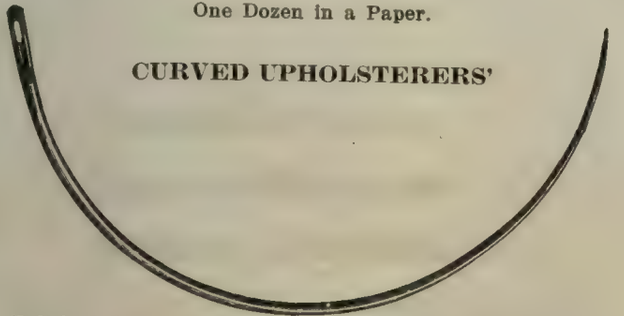
Polished Steel.

Per Set

French Larding Needles—Assorted Lengths, in Sets of 13 Pieces, Weight Per Set About ⅜ Lb. **$2.25**

One Set in a Case.

CURVED UPHOLSTERERS'



Polished Steel, Measures Full Length Around the Curve.

Length, Inches	3	3½	4	4½	5	6
Ap. Wt. Per Dozen, Oz.	1	1	1¼	1¼	1½	1½
Per Dozen	$1.15	1.15	1.15	1.55	1.55	1.55

One Dozen in a Paper.

Tap Soles and Lifts.

MEN'S TAPS

MEN'S, Oak Tan Leather, Assorted 10 to 13.

	Light	Med'm	Heavy
Nos.	4	4½	5
Inches	4	4½	5
Ap. Wt. Doz. Pairs, Lbs.	3⅜	3¾	4¼
Per Dozen Pairs..	$3.35	3.90	4.25

One Dozen Pairs in a Box.

FELT BOOT TAPS

MEN'S, Oak Tanned Leather, Extra Large.

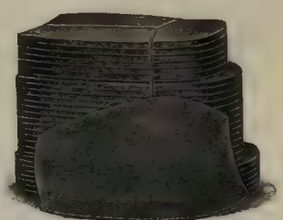
Used Extensively on Felt and Rubber Boots, Large Farm Shoes and Brogans.

Per Dozen Pairs

No. 05—5 in., Assorted 6¾x4½ in. and 6½x4¼ in., Weight Per Dozen Pairs About 5½ Lbs. $5.60

One Dozen Pairs in a Box.

CHROME LEATHER TAPS



MEN'S HERCULES, Chrome Leather, Assorted 10 to 13.

Nos.	24	24½
Inches	4 to 4½	4½ to 5
Ap. Wt. Doz., Lbs.	4	4½
Per Dozen Pairs..	$3.90	5.00

No.	25
Inches	5 to 5½
Ap. Wt. Doz., Lbs.	5
Per Dozen Pairs..	$5.60

One Dozen Pairs in a Bundle.

HALF SOLES

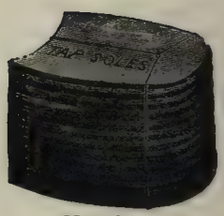
WOMEN'S, Oak Tanned Leather, Assorted 3 to 7.

No.	Medium
Inches	04
Ap. Weight Per Dozen Pair, Lbs.	4
Per Dozen Pairs	2½
	$2.80

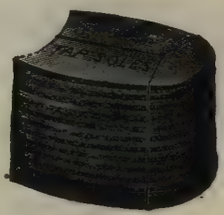
BOYS', Oak Tanned Leather, Assorted 4 to 7.

No.	Medium
Inches	06
Ap. Weight Per Dozen Pair, Lbs.	4½
Per Dozen Pairs	3
	$3.00

One Dozen Pairs in a Box.



No. 04.



No. 06.

WEAR PROOF SOLES

No. 105.

Per Dozen Pairs

No. 105—Heavy, Extra Quality, Treated by Special Waterproof Tanning Process, Guaranteed Waterproof, Assorted Sizes, 7 to 11, Weight Per Dozen Pairs About 6 Lbs. $5.00

One Pair in a Box, with Nails; One Dozen Pairs in a Carton.

TOP LIFTS

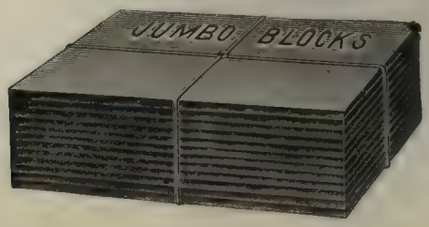
No. 14.

Per Dozen Pairs

No. 14—Oak Tanned Leather, Assorted Sizes, Thickness Per Dozen Pairs 4 in., Weight Per Dozen Pairs About 1¼ Lbs. $1.00

One Dozen Pairs in a Box.

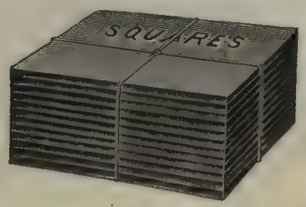
OAK JUMBO BLOCKS



Oak Tanned Leather, 8¼x12½ in.

Nos.	B7	B8	B9
Ap. Wt. Doz., Lbs.	6¾	8	8¾
Per Dozen.....	$7.60	8.70	9.50

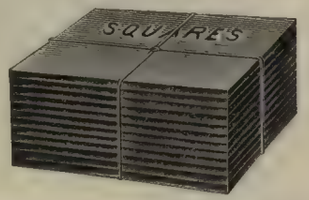
OAK SQUARES



Oak Tanned Leather, 6¼x8¼ in.

Nos.	B4	B4½	B5
Ap. Wt. Doz., Lbs.	3½	4	4½
Per Dozen.....	$3.80	4.40	4.80

HEMLOCK SQUARES



Hemlock Tanned Leather, 6½x8½ in.

Nos.	BH4	BH4½	BH5
Ap. Wt. Doz., Lbs.	4	4½	4⅞
Per Dozen.....	$3.80	4.40	4.80

An Oak Jumbo Block will furnish Two Pairs Men's or Three Pairs Women's Taps. An Oak or Hemlock Square will furnish One Pair Men's Taps.

Sole Leather Strips.

Oak Leather, Tanned.

	Per Pound
No. A Quality—Assorted, Medium, Heavy and Extra Heavy, Assorted Lengths	**$0.90**
No. A1 Quality—Assorted, Medium Heavy and Extra Heavy, Assorted Widths and Lengths	**1.00**

Can Furnish Strips 6¼ or 8½ in. Wide as Desired.

About 15 Pounds in a Package.

Chrome Leather, Tanned.

	Per Pound
No. 56¼—Medium, 6¼ in. Wide, Assorted Lengths	**$1.25**
No. 58½—Medium, 8½ in. Wide, Assorted Lengths	**1.25**

About 15 to 25 Pounds in a Package.

Oak Leather, Tanned.

	Per Package
No. 500—Guarantee Strip Leather, Containing 8 or More Strips Oak Leather, Assorted Sizes and Thicknesses, Each Marked with Retail Selling Price	**$10.00**

About 8¾ Pounds in a Package.

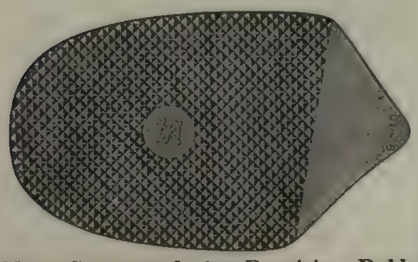
Sole Leather Cabinets.

TIP TOP, Containing Carefully Selected Assortment of Cut Soles, Heels, Etc., Made Up of the Best Selling Grades and Sizes, Each Pair or Piece Marked with the Retail Price.

	Per Cabinet
No. 1800—Cabinet Contains 48 Pairs Assorted Sizes and Grades Men's Soles, 6 Pairs Assorted Sizes Boys' Soles, 6 Pairs Assorted Sizes Women's Soles, 12 Pairs Men's Heel Lifts and 10 Lbs. Assorted Strips, Shipping Weight Per Case About 40 Lbs.	**$28.30**
No. 1400—Cabinet Contains 41 Pairs Assorted Sizes and Grades Men's Soles, 6 Pairs Assorted Sizes Boys' Soles, 3 Pairs Assorted Sizes Women's Soles, 10 Pairs Men's Heel Lifts and 6 to 8 Pieces Assorted Heavy Strips, Shipping Weight Per Case About 32 Lbs.	**21 15**
No. 675—Cabinet Contains 25 Pairs Assorted Sizes and Grades Men's Soles, 6 Pieces (Squares) 6¼x8¼ in., for Soles or Heels and 5 Pairs Men's Heel Lifts, Weight Per Case About 21 Lbs.	**10.60**

Each Cabinet in itself is a complete Leather Stock and an attractive display for counter or show window.

Rubber Boot Taps.



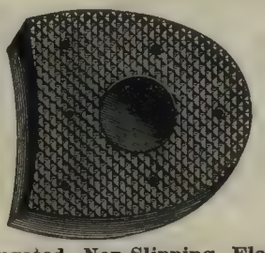
Grey Rubber, Corrugated, for Repairing Rubber Boots.

	Per Dozen Pairs
No. 150—Assorted Sizes, Small, Medium, Large and Extra Large	**$5.90**

Weight Per Dozen Pairs About 3 Pounds.

One Dozen Pairs in a Carton.

Rubber Heels.



Grey Rubber, Corrugated, Non-Slipping, Elastic and Durable, Height 7/16 in.

Men's.

Size Nos.	5/6	7/8	8/9	9/10	11/12
Per Dozen Pairs	$5.60	5.60	5.60	5.60	5.60

Weight Per Pair About 6 Ounces.

Women's.

Size Nos.	0	1	2	3	4
Per Dozen Pairs	$4.50	4.50	4.50	4.50	4.50

Weight Per Pair About 4 Ounces.
One Pair in a Box, Complete with Nails.

Leather Cement.

No. 150.

Intended for making Invisible Patches on Leather Shoes. Used in connection with a hot iron.

Per Dozen
No. 150—In 2 Oz. Bottles, Weight Per Dozen About 4 Lbs. **$2.25**

One Dozen in a Box.

Rubber Cement.

No. 160.

Intended primarily for the repairing of Rubber Boots and attaching of Rubber Heels. Also used for attaching leather patches before sewing.

Per Dozen
No. 160—In 2 Oz. Bottles, Weight Per Dozen About 4 Lbs. **$1.70**

One Dozen in a Box.

Shoe Thread.

BARBOUR'S

For Harness and Shoe Makers' Hand Sewing, in 1 Oz. Balls.

Per Pound
No. 10HB—Best Irish Flax. **$2.25**

One Pound in a Box.

HART'S STANDARD

In 1 Oz. Balls.

Per Pound
No. 10IF—Best Irish Flax. **$1.45**
No. 10EF—Strong Elm Flax. **1.35**

One Pound in a Box.

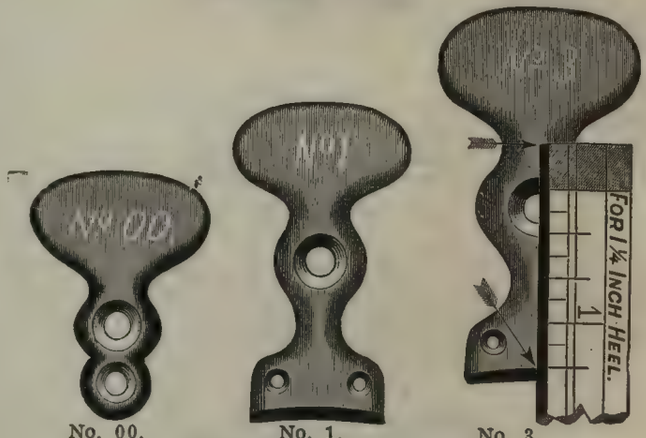
Shoe Wax.

In Small Balls.

Per 100 Balls
Shoe Wax—Black, Weight Per 100 Balls About 9 Lbs. . **$1.35**

Open Stock.

Heel Stiffeners.



No. 00. No. 1. No. 3.

Malleable Iron, Japanned.

Per Dozen Pairs
No. 00—For Ladies' and Misses' Shoes, Weight Dozen Pairs About ¾ Lb. **$0.80**
No. 0—For Counter Only, Weight Dozen Pairs About ¾ Lb. . . . . **.80**
No. 1—For 1 in. Heel, Weight Dozen Pairs About ¾ Lb. . . . . **.80**
No. 2—For 1 to 1⅛ in. Heel, Weight Dozen Pairs About ⅞ Lb. . . . . **.80**
No. 3—For 1¼ in. Heel, Weight Dozen Pairs About 1 Lb. . . . . **.80**
No. 4—For 1⅜ in. Heel, Weight Dozen Pairs About 1¼ Lbs. . . . . **.80**
No. 5—For 1½ in. Heel, Weight Dozen Pairs About 1½ Lbs. . . . . **.80**
No. 6—For 1¾ in. Heel, Weight Dozen Pairs About 1¾ Lbs. . . . . **.80**

One Dozen Pairs in a Box.

Assorted Sizes.

Nos.	00 to 6	3 to 6	4 to 6
Weight Dozen Pairs, Lbs.	1¼	1½	1½
Per Dozen Pairs.	$0.80	.80	.80

One Dozen Pairs in a Box.

Star Heel Plates.

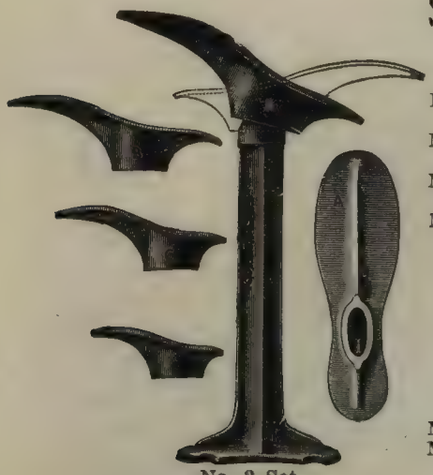
0 1 2 3 4

Malleable Iron, Natural Finish.

Nos.	0	1	2	3	4	5	6
Length, Inches.	1	1⅛	1¼	1½	1¾	2	2¼
Width, Inches.	⅜	⅜	½	½	⅝	⅝	1⅛
Wt. Gross Prs., Lbs.	1¾	2½	4	6	8	9½	16
Per Gross Pairs.	$0.80	1.15	1.50	1.90	2.50	3.00	4.35

One-quarter Gross Pairs in a Box.

Shoe Lasts and Stands.



No. 2 Set.

Cast Iron Stand, Malleable Iron, Reversible Lasts, Japanned.

	Per Dozen Sets
No. 1—Consists of One Stand 15 in. High, and 3 Broad Toe Lasts, One Each 9x3 in., 7x2½ in. and 6x2 in., Weight Per Dozen Sets About 87 Lbs.	$10.60
No. 2—Consists of One Stand 15 in. High, and 4 Broad Toe Lasts, One Each 10x3⅜ in., 9x3 in., 7x2½ in. and 6x2 in., Weight Per Dozen Sets About 112 Lbs.	13.80
No. 3—Consists of One Stand 24 in. High, and 3 Broad Toe Lasts, One Each 9x3 in., 7x2½ in. and 6x2 in., Weight Per Dozen Sets 126 Lbs.	15.90
No. 4—Consists of One Stand 24 in. High, and 4 Broad Toe Lasts, One Each 10x3⅜ in., 9x3 in., 7x2½ in. and 6x2 in., Weight Per Dozen Sets About 152 Lbs.	19.10

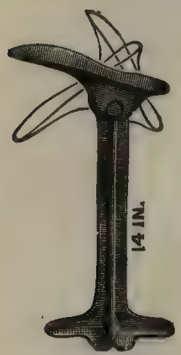
Open Stock.

SHOE LAST STANDS ONLY

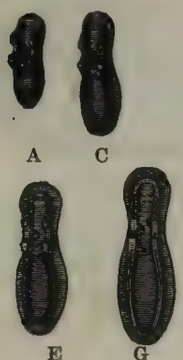
Cast Iron, Japanned.

	Per Dozen
No. 15—15 in. High, Weight Per Dozen About 38 Lbs.	$ 4.90
No. 24—24 in. High, Weight Per Dozen About 79 Lbs.	10.15

Open Stock.



Foot Standard. No. E5.



A C E G

Enterprise Cobbler Kits.

Cast Iron Stand, Adjustable Lasts, Japanned, Extra Heavy.

	Per Dozen Sets
No. E5—Consists of One Foot Standard, 14 in High, and 4 Broad Toe Lasts, One Each 5½ in., 7 in., 8½ in. and 9½ in., Weight Per Dozen Sets About 165 Lbs.	$22.25
No. E7—Consists of One Foot Standard, 22 in High, and 4 Broad Toe Lasts, One Each 5½ in., 7 in., 8½ in. and 9½ in., Weight Per Dozen Sets About 190 Lbs.	26.65

One Dozen Sets in a Case.

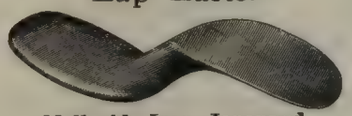
Shoe Lasts.

Broad Toe, Malleable Iron, Japanned.

	Per Dozen
No. AA—10½x3½ in., Wt. Per Dozen About 60 Lbs.	$ 4.75
No. A—10 x3⅜ in., Wt. Per Dozen About 26 Lbs.	3.20
No. B— 9 x3 in., Wt. Per Dozen About 24 Lbs.	2.80
No. C— 7 x2½ in., Wt. Per Dozen About 15 Lbs.	1.85
No. D— 6 x2 in., Wt. Per Dozen About 10 Lbs.	1.10

Open Stock.

Lap Lasts.



Malleable Iron, Japanned.

	Per Dozen
No. S—Broad or Narrow Toe, 5½x4½ in. and 5x3¼ in., Weight Per Dozen About 48 Lbs.	$4.25
No. L—Broad or Narrow Toe, 6¼x3½ in. and 5¾x2¾ in., Weight Per Dozen About 60 Lbs.	5.85

Open Stock.

Combination Lasts.

Malleable Iron, Japanned, with Adjustable Heel Piece.

	Per Dozen
No. 1C—Small Last 2¼x4½ in., Large Last 2¾x6¼ in., Heel Piece 1¾x2 in., Weight Per Dozen About 70 Lbs.	$6.15
No. 2C—Small Last 2½x5 in., Large Last 3¼x6½ in., Heel Piece 2⅛x2 in., Weight Per Dozen About 84 Lbs.	7.25

Open Stock.

Peg Breaks.

Iron Base and Stand, Malleable Iron Nail Clincher, Improved Polished Steel Peg Cutter, with Spring Lever for Adjusting to Desired Angle.

	Each
No. 64—18 in. High, Complete with One Large and One Small Oval Top, Weight Each About 8 Lbs.	$2.80

Open Stock.

Shoe Holders.

Cast Iron, Japanned, Steel Working Parts, with Bracket to Attach to Wall.

	Per Dozen
No. 10—4 in. Extension from Wall, Weight Per Dozen About 50 Lbs.	$14.50

Used for polishing shoes, doing away with stooping over or bending down to shine the shoes.

One in a Box.

Cobbler Outfits.

No. 1 Dalton.

No. 1 DALTON

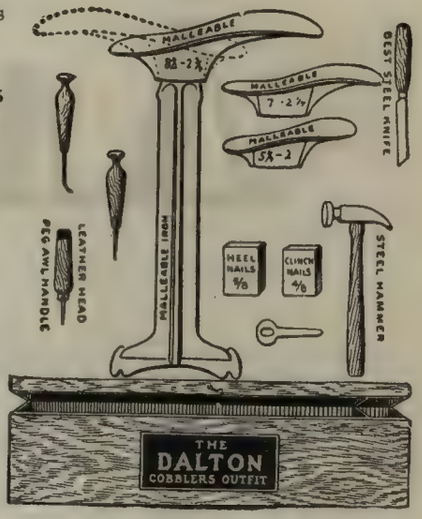
Per Dozen Sets

No. 1—Dalton Cobbler Outfits, in Hinged Antique Case, Weight Per Dozen Sets About 240 Lbs. **$57.75**

Contents of No. 1 Dalton Cobbler Set:

1 Iron Stand for Lasts.
1 9½x3¼ in. Iron Last.
1 8½x2¾ in. Iron Last.
1 7 x2¼ in. Iron Last.
1 5¼x2 in. Iron Last.
3 Pairs High Grade Half Soles.
1 Steel Shoemakers' Hammer.
1 Steel Shoemakers' Knife.
1 Patent Peg Awl and Handle.
1 Wrench for Peg Awl.
1 Sewing Awl and Handle.
1 Harness Awl and Handle.
1 Bottle Leather Cement.
1 Bottle Rubber Cement.
4 Pairs Heel Plates.
1 Package Shoe Tacks.
1 Package 4-8 Clinch Nails.
1 Package 5-8 Clinch Nails.
1 Package 5-8 Heel Nails.
1 Package Shoe Needles.
1 Ball Shoe Thread.
1 Ball Shoe Wax.

One Set in a Box.



No. 7 Dalton.

No. 7 DALTON

Per Dozen Sets

No. 7—Dalton Cobbler Outfits, in Hinged Antique Oak Case, Weight Per Dozen Sets About 200 Lbs. **$40.00**

1 Iron Stand for Lasts.
1 8½x2¾ in. Iron Last.
1 7x2¼ in. Iron Last.
1 5¼x2 in. Iron Last.

Contents of No. 7 Dalton Cobbler Set:

1 Steel Shoemakers' Hammer.
1 Steel Shoemakers' Knife.
1 Patent Peg Awl and Handle.
1 Wrench for Peg Awl.
1 Sewing Awl and Handle.
1 Harness Awl and Handle.
1 Package 4-8 Clinch Nails.
1 Package 5-8 Heel Nails.

One Set in a Box.

No. 20.

No. 20 ECONOMICAL

Per Dozen Sets

No. 20—Economical Cobbler Outfit, in Wooden Box with Hinged Cover, Weight Per Dozen About 108 Lbs. **$8.00**

Contents of Economical Cobbler Set:

1 Iron Stand, for Lasts.
1 Last for Men's Work.
1 Last for Boys' Work.
1 Last for Children's Work.
1 Shoemakers' Hammer.
1 Shoemakers' Knife.
1 Patent Peg Awl Handle.
1 Peg Awl.
1 Sewing Awl Handle.
1 Sewing Awl.
1 Harness Awl Handle.
1 Harness Awl.
1 Paper Heel Nails.
1 Paper Half Soling Nails.
1 Wrench for Peg Awl Handle
1 Copy Directions for Half Soling, etc.

One Set in a Box.

No. 25.

No. 25 FAMILY

Per Dozen Sets

No. 25—Family Cobbler Outfits, in Wooden Box with Hinged Cover, Weight Per Dozen About 135 Lbs. **$16.75**

Contents of Family Cobbler Set.

1 Patent Peg Awl Handle.
1 Peg Awl.
1 Sewing Awl Handle.
1 Sewing Awl.
1 Wrench for Peg Awl Handle.
1 Harness Awl Handle.
1 Harness Awl.
1 Bottle Leather Cement.
1 Bottle Rubber Cement.

One Set in a Box.

1 Iron Stand, for Lasts.
1 Last for Men's Work.
1 Last for Children's Work.
1 Last for Boys' Work.
1 Pair Men's Half Soles.
1 Pair Boys' Half Soles.
1 Pair Women's Half Soles.
1 Shoemakers' Hammer.
1 Shoemakers' Knife.

No. 30 Combination.

1 Package Shoe Pegs.
1 Package Heel Nails.
1 Package Half Soling Nails.
1 Package Half Soling Tacks.
1 Bunch Bristles.
1 Ball Shoe Thread.
1 Ball Shoe Wax.
1 Copy Directions for Half Soling, etc.

No. 30 COMBINATION

Per Dozen Sets

No. 30—Combination Family Cobbler, Tinker and Harness Mender Outfits, in Wooden Box with Hinged Cover, Weight Per Dozen Sets About 170 Lbs. **$17.80**

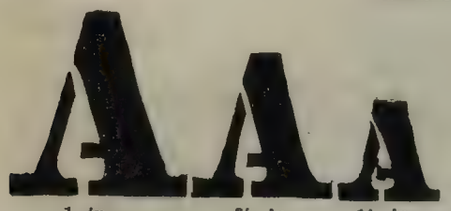
Contents of Combination Set.

1 Iron Stand, for Lasts.
1 Iron Last for Men's Work.
1 Iron Last for Men's Work, extra large size.
1 Iron Last for Boys' Work.
1 Iron Last for Children's Work.
1 Shoemakers' Hammer.
1 Shoemakers' Knife.
1 Patent Peg Awl Handle.
1 Peg Awl.
1 Sewing Awl Handle. 1 Sewing Awl.
1 Harness Awl Handle. 1 Harness Awl.
1 Wrench for Peg Awl Handle.
1 Bottle Leather Cement.
1 Bottle Rubber Cement.
1 Bunch Bristles.
1 Ball Shoe Thread.
1 Ball Shoe Wax.
1 Package 3-8 Half Soling Nails.
1 Package 4-8 Half Soling Nails.
1 Package 5-8 Half Soling Nails.
1 Package 6-8 Half Soling Nails.
4 Pairs Heel Plates.
6 Shoe and Harness Needles.
1 Saw and Harness Clamp.
1 Box Harness and Belt Rivets.
1 Rivet Set for Same.
1 Harness and Belt Punch.
1 Soldering Iron.
1 Handle for Soldering Iron.
1 Bar Solder. 1 Box Resin.
1 Bottle Soldering Fluid.
1 Copy Directions for Soldering.
1 Copy Directions for Half Soling, etc.

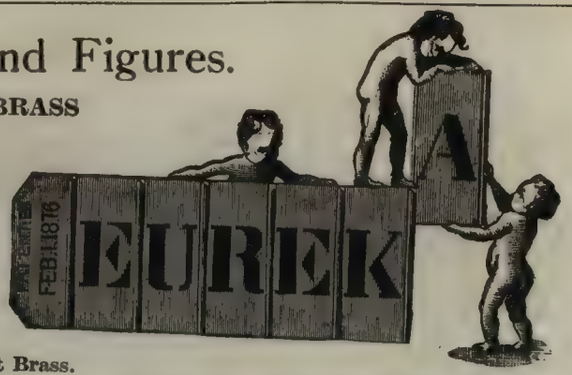
One Set in a Box.

Stencil Letters and Figures.

ADJUSTABLE BRASS



1 in. ¾ in. ½ in.



Stamped from Sheet Brass.

Beaded Lock, Letters or Figures.

Size, Inches	¾	1	1½	2
Weight Per 100, Lbs.	1¼	1½	1¾	2
Per 100	$3.75	4.50	5.25	10.50

Open Stock.

Wide Lock, Letters or Figures.

Size, Inches	½	¾	1	1½	2	2½
Wt. Per 100, Lbs.	1	1¼	1½	1¾	2	2¼
Per 100	$3.00	3.75	4.50	5.25	10.50	14.50

Open Stock.

Wide Lock Stencil Letters, in Two A Fonts.

Nos.	1	2	3
Size of Letters, Inches	½	¾	1
Weight Per Font, Lbs.	¾	1	1¼
Per Font	$2.00	2.25	2.50

Two A Fonts contain 55 Letters and Pieces of one size assorted as to vowels, etc., by Printers' Rule, also one Box Black Ink and one Stencil Brush, full set of Borders, Fancy Corners, Stars, Hands, etc., as follows, viz.: Two Letters each A, B, C, D, E, F, G, H, I, J, L, M, N, O, P, R, S, T, W, Y, and Periods. One Letter each, K, Q, U, V, X, Z, &, Beginner, Ender, Blank, Comma, Apostrophe, and small c for Mc.

Stencil Ink.

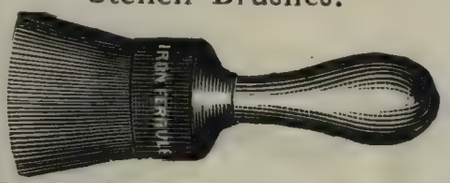
Black, Dry, in Tin Box, with Sponge.

Per Dozen

No. 1—3 in. Diameter of Cake, 2 in. Diameter of Sponge Can, Weight Per Dozen About 4 Lbs. $2.70

Open Stock.

Stencil Brushes.



White Bristles, Zinc Ferrules, White Handle.

Per Dozen

No. 2—⅞ in. Long Bristles, ⅝ in. Diameter, 4 in. Long Over All, Weight Per Dozen About 1½ Lbs. $3.90

Open Stock.

Steel Letters and Figures.

Machine Made.

Machine Forged from Best Tool Steel, Natural Finish, for Stamping Metal, Wood or Leather.

FIGURES

Size, Inches	1/16	3/32	1/8	5/32	3/16	1/4	3/8	1/2
Ap. Wt. Per Set, Lbs.	3/8	1/2	5/8	5/8	3/4	1 1/8	2 1/8	3
Per Set of 9	$0.81	.81	.81	1.02	1.13	1.35	2.25	4.05

One Set in a Box.

LETTERS

Size, Inches	1/16	3/32	1/8	5/32	3/16	1/4	3/8	1/2
Ap. Wt. Per Set, Lbs.	1	1 1/4	1 5/8	2	2 1/4	3 1/4	6 1/4	8
Per Set of 28	$2.43	2.43	2.43	3.05	3.38	4.05	6.75	12.15

One Set in a Box.

EXTRA SINGLE LETTERS OR FIGURES

Size, Inches	1/16	3/32	1/8	5/32	3/16	1/4	3/8	1/2
Ap. Wt. Dozen, Lbs.	1/2	5/8	3/4	3/4	1	1 1/4	2 1/2	3 1/2
Each	$0.13½	.13½	.13½	.14½	.16½	.18	.31½	.54

Open Stock.

Steel Letter and Figure Assortments.

In Handsome Oak Case, with Separate Spaces for Every Letter and Figure.

Per Assortment

No. 1—Containing 3 Assortments of Sizes, 1/16, ⅛ and ¼ in., as Follows: One Each D, F, G, I, K, P, Q, R, S, U, V, W, X, Y, Z, 2, 3, 4, 5, 7 and 8, Two Each A, E, H, J, L, M, N, T, &, 1 and 6, Three Each B, C and O, Size of Case Closed 12¼x10⅜x3 in. $20.00

No. 2—Containing 3 Assortments of Sizes, 1/16, ⅛ and ¼ in., as Follows: Two Each A, B, C, D, E, F, H, I, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z, &, 2, 3 and 7, Three Each G, J, 1, 4, 5, 6 and 8 and Five O, Size of Case Closed 16¼x10⅜x3 in. 27.80

One Assortment in a Box.

Wood Faucets.

REDLICH'S

Cork Lined, Saturated with India Rubber.

Nos.	2	3	4
Length, Inches...	8	8¼	9½
Ap. Wt. Doz., Lbs.	3½	4¼	5
Per Dozen	$1.60	1.80	2.15

Nos.	5	6
Length, Inches...	10½	11½
Ap. Wt. Doz., Lbs.	5⅝	6¾
Per Dozen	$2.50	2.90

Open Stock.

METAL KEY

GENUINE PALMER, Maple, Leather Lined, Metal Key with Hardwood Handle.

Nos.	4	5
Length, Inches.....	10	8
Ap. Wt. Dozen, Lbs..	7½	5
Per Dozen	$5.80	4.50

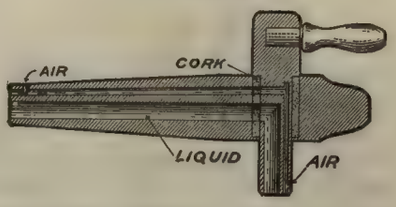
Open Stock.

STANDARD, Maple, Leather Lined, Metal Key with Wood Handle.

Nos.	40	50
Length, Inches.....	10	8
Ap. Wt. Dozen, Lbs...	6¼	4½
Per Dozen	$4.00	3.35

Open Stock.

AUTOMATIC



Cork Lined, Finished with an Impervious Coating that is Insoluble in all Ordinary Liquids.

Nos.	1	1¼
Length, Inches	8	9
Ap. Wt. Dozen, Lbs..	3	4
Per Dozen	$3.25	3.80

No vent is necessary, the air being admitted through the faucet itself. When faucet is turned on and air is admitted the liquid will flow freely. When faucet is turned off the barrel is absolutely air-tight.

Open Stock.

Cork Drivers.

REDLICH'S, Polished Hardwood.

Per Dozen

No. 1—12 in. Long.....$8.90

Weight Per Dozen About 8 Pounds.

Open Stock.

Corks.

XX Quality, Tapered, Regular Lengths.

Nos.	5	7	9	12
Diam. at Large End, In..	11/16	13/16	15/16	1⅛
For Bottles, Size..	½ Pt.	1 Pt.	1 Qt.	1 Gal.
Per 100	$0.45	.56	.78	1.12

Nos.	14	16	18	20
Diam. at Large End, In..	1¼	1⅜	1½	1⅝
For Jugs, Size, Gals.....	2	5	..	..
Per 100	$1.35	1.80	2.25	2.90

Open Stock.

Water Filters.

No. 6.

Eureka, Splash Preventer and Strainer, Nickel Plated, 4 Thicknesses Brass Gauge, for ½ and ⅝ in. Plain Faucets.

Per Dozen

No. 6—15/16 in. Diameter.....$0.80

Weight Per Dozen About ¼ Pound.

Three Dozen in a Box.

No. 3.

Reversible, Brass, Nickel Plated, Charcoal Filled, for Regular Size Faucets.

Per Dozen

No. 3—2¾ in. Long, 1¾ in. Diameter.....$3.35

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.

No. 4.

Brass, Nickel Plated, with Ball, for ½ and ⅝ in. Faucets.

Per Dozen

No. 4—2 in. Long, Diameter 1 1/16 in. $1.45

Weight Per Dozen About ⅝ Pound.

One Dozen in a Box.

No. 1.

Hygienic, Reversible Glass Center, Nickel Plated Brass Ends, Germ Proof, for Regular Size Faucets.

Per Dozen

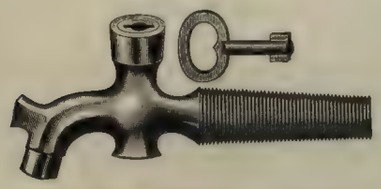
No. 1—4¾ in. Long, 2¾ in. Diameter.....$6.15

Weight Per Dozen About 8 Pounds.

One in a Carton; One-half Dozen in a Box.

Brass Faucets.

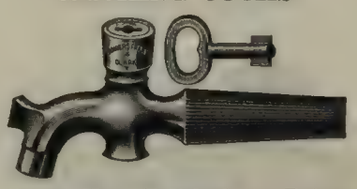
RACKING COCKS



Loose Key, Polished, to Screw.

Nos.	40	40½
Inches	⅜	7/16
Length, Inches	5	5¾
Ap. Wt. Dozen, Lbs.	5	6½
Per Dozen	$10.00	12.00
Nos.	41	42
Inches	½	⅝
Length, Inches	6	6⅜
Ap. Wt. Dozen, Lbs.	9¾	10¼
Per Dozen	$12.80	17.20

Nos. 40 to 41, One Dozen; No. 42, One-half Dozen in a Box.



Loose Key, Polished, to Drive.

Nos.	29	30
Inches	¼	⅜
Length, Inches	4	4⅞
Ap. Wt. Dozen, Lbs.	2¾	5
Per Dozen	$8.00	9.60
Nos.	31	32
Inches	½	⅝
Length, Inches	5⅝	6
Ap. Wt. Dozen, Lbs.	6½	9¾
Per Dozen	$12.00	16.00

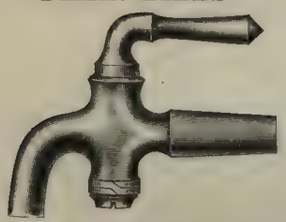
Nos. 29 to 31, One Dozen; No. 32, One-half Dozen in a Box.

T Handle, Polished, to Drive.

Nos.	10	11	11½
Inches	¼	⅜	7/16
Length, Inches	4	4¾	5½
Ap. Wt. Doz., Lbs.	2¼	4¾	6¼
Per Dozen	$5.70	6.70	8.00
Nos.	12	13	14
Inches	½	⅝	¾
Length, Inches	6	6¼	6¼
Ap. Wt. Doz., Lbs.	9½	12¼	14
Per Dozen	$8.70	12.00	18.00

Nos. 10 to 12, One Dozen; Nos. 13 and 14, One-half Dozen in a Box.

PLAIN BIBBS



Polished, Tinned Shank, to Solder.

Nos.	230	231	232
Inches	¼	⅜	½
Length, Inches	3⅝	3⅞	4⅛
Ap. Wt. Dz., Lbs.	4¾	6	8⅛
Per Dozen	$11.40	12.00	12.70
Nos.	233	234	235
Inches	⅝	¾	1
Length, Inches	4¾	5⅛	6⅛
Ap. Wt. Dz., Lbs.	10½	15	29
Per Dozen	$17.00	20.35	28.30

One-half Dozen in a Box.

COMPRESSION PLAIN BIBBS

T Handle, Polished, Screwed, for Iron Pipe.

Nos.	872	873	874
Inches	½	⅝	¾
Length, Inches	4	4⅝	5
Ap. Wt. Doz., Lbs.	9½	12	16
Per Dozen	$8.00	11.40	14.70

One-half Dozen in a Box.

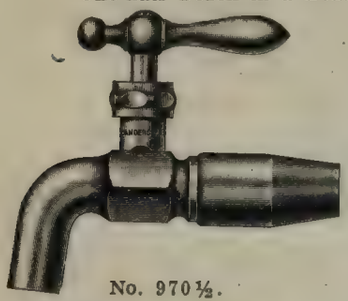
COMPRESSION HOSE BIBBS

T Handle, Polished, Screw Shank, for Iron Pipe.

Nos.	892	893	894
Inches	½	⅝	¾
Length, Inches	4¼	4¾	5⅛
Ap. Wt. Doz., Lbs.	10¼	12½	18
Per Dozen	$9.35	12.70	16.00

One-half Dozen in a Box.

FULLER BIBBS



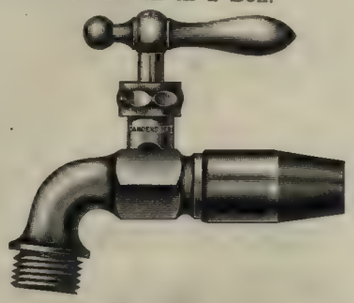
No. 970½.

Plain.
Polished, Tinned Shank, to Solder.

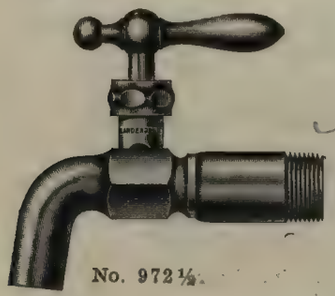
Nos.	970½	970⅝
Inches	½	⅝
Length, Inches	4¾	5
Ap. Weight Per Dozen, Lbs.	1	1¼
Per Dozen	$9.35	12.00

Hose.
Polished, Tinned Shank, to Solder.

Nos.	990½	990⅝
Inches	½	⅝
Length, Inches	5¼	5
Ap. Weight Per Dozen, Lbs.	1⅛	1
Per Dozen	$11.20	13.90



No. 990½.



No. 972½.

Plain.
Polished, Screw Shank, for Iron Pipe.

Nos.	972½	972⅝
Inches	½	⅝
Length, Inches	5¼	5
Ap. Weight Per Dozen, Lbs.	1	1
Per Dozen	$10.70	13.90

Hose.
Polished, Screw Shank, for Iron Pipe.

Nos.	992½	992⅝
Inches	½	⅝
Length, Inches	5	5¼
Ap. Weight Per Dozen, Lbs.	1	1⅛
Per Dozen	$12.60	15.75

All Above, One-half Dozen in a Box.

No. 992½.

Fuller Rubber Balls.

Red Rubber, for Hot Water.			
Size, Inches	½	⅝	
Ap. Weight Per Dozen, Oz.	2	3	
Per Dozen	$0.35	.45	

Gray Rubber, for Cold Water.			
Size, Inches	½	⅝	¾
Ap. Weight Per Dozen, Oz.	2	3	4
Per Dozen	$0.27	.35	.45

Petroleum Oil Faucets.

Japanned Iron, Brass Key, T Handle, Screw Shank for Wood.

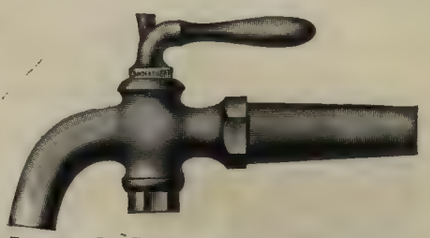
No.	3	4
Inches	⅜	½
Length, Inches	5½	6
Ap. Wt. Dozen, Lbs.	6	8
Per Dozen	$5.70	6.35

One Dozen in a Box.

Japanned Iron, Brass Key, T Handle, Tinned Shank to Solder.

No.	04
Inches	½
Length, Inches	6
Approx. Wt. Dozen, Lbs.	8
Per Dozen	$6.35

One Dozen in a Box.



Japanned Iron, Brass Key, Lever Handle, Screw Shank for Wood.

Nos.	14	5	6	7
Inches	½	⅝	¾	⅞
Length, In.	6	6½	7	8
Ap. Wt. Doz., Lbs.	8	10	15	20
Per Dozen	$6.95	8.20	10.10	14.50

Japanned Iron, Brass Key Lever Handle, STRAIGHT SHANK for Gasoline Tank. Per Dozen

No. 17—1 in., 6 in. Long, Weight Per Dozen About 22 Lbs. $14.50

One-half Dozen in a Box.

Petroleum Oil Faucets.

Japanned Iron, Brass Key, Lever Handle, Tinned Shank to Solder.

Nos.	014	05	06	07
Inches	½	⅝	¾	1
Length, In.	6	6½	7	8
Ap. Wt. Doz., Lbs.	8	10	15	20
Per Dozen	$6.95	8.20	10.10	14.50

One-half Dozen in a Box.

Oil Can Faucets.

Rough Brass, with Flange to Solder. Per Dozen

No. 90—¼ in., 2¾ in. Long, Weight Per Dozen About 3 Lbs. $4.15

One Dozen in a Box.

Milk Can Faucets.

Polished Brass, with Flange to Solder. Per Dozen

No. 553—⅝ in., 3 in. Long, Weight Per Dozen About 4½ Lbs. $9.50

One Dozen in a Box.

Oil and Molasses Gates.

STEBBIN'S PATTERN

Cast Iron, Japanned, Screw Shank.

Nos.	1	2	3	4	5
Inside Diameter, Inches.	⅞	⅞	1¼	1⅜	1½
Ap. Wt. Per Dozen, Lbs.	15	18	21	28	33
Per Dozen	$3.50	4.00	4.50	5.00	6.00

One-half Dozen in a Box.

PERFECTION

Japanned Iron Body, Polished Face and Cut-Off. Screw Shank.

Inches	½	¾	1	1¼	1½	2	3
Ap. Wt. Dozen, Lbs.	16	18	24	26	40	54	72
Each	$0.60	.70	.80	1.00	1.20	1.80	2.80

Tinned Shank, to Solder.

Inches	2	3
Approx. Weight Per Dozen, Lbs.	54	72
Each	$1.80	2.80

½ to 1½ in., One-half Dozen; Larger, One-sixth Dozen in a Box.

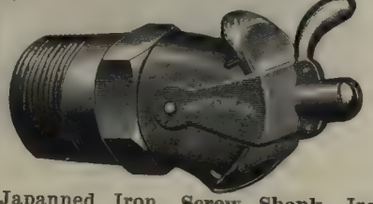
PERFECTION, FLANGE

Japanned Iron, with Flange, Threaded for Pipe, Especially Adapted for Use on Cheese Vats, etc.

Inches	1¼	1½	2
Ap. Wt. Ea., Lbs.	2½	3½	4½
Each	$1.00	1.20	1.80

1¼ and 1½ in., Six; 2 in., Two in Box.

PERFECTION, WEIGH CAN



Japanned Iron, Screw Shank, Iron Pipe Thread, to be Fitted to Galvanized Collar for Weigh Cans and All Kinds of Fluid and Oil.

Inches	2	3
Ap. Wt. Each, Lbs.	5	7
Each	$1.80	2.80

Two in a Box.

PERFECTION, WEIGH CAN GATE COLLARS

Galvanized Iron, with Iron Pipe Thread.

Inches	2	3
Ap. Wt. Each, Lbs.	½	¾
Each	$0.40	.56

Two in a Box.

Self-Measuring Faucets.

ENTERPRISE

Tinned, for Measuring Thick Oils, Tar, Etc.

	Each
No. 61—Dial Marked Up to 1 Gallon, Four Revolutions of Crank Turn Out One Quart	$4.70
Weight Each About 8 Pounds.	
	Per Dozen
Extra Handles — For No. 61 Faucets	$6.40

Warranted to measure correctly and draw a gallon of molasses in winter in one minute. It saves time as it draws molasses directly into a jug or bottle without the use of funnel.

Open Stock.

Self-Priming and Measuring Pumps.

ENTERPRISE

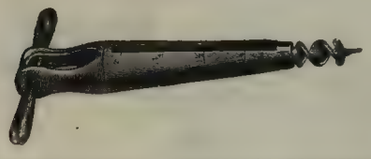
Tinned, for Measuring Molasses Heavy Oils, Tar and Other Liquids.

	Each
No. 97—54 in. Long, 1¼ in. Diameter, with Patent Clamp to Fasten to Barrel, Complete with Auger. Weight Each About 27 Pounds.	$11.25
Extra Auger—For Boring 3 in. Hole in Barrels, for Attaching No. 97 Pump	1.25

Each revolution of the crank pumps a gill, 4 revolutions a pint, etc. Has a Patent Clamp, operated by a thumb screw only, to fasten to barrel. A total registering device, indicating quantity taken from barrel from time to time will enable the grocer to anticipate his order for fresh supply.

One in a Crate.

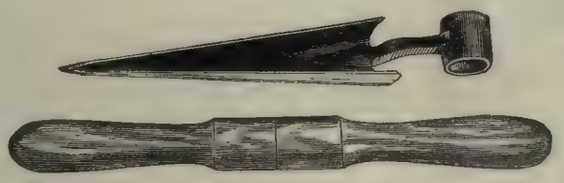
Bung and Tap Borers.



Specially Prepared Steel, Round Lip Bit, Wood Handle.

Nos.	1	2	3
Bores Hole, Inches	⅝ to 1½	1¼ to 2	1½ to 2¾
Length, Inches	12	13½	15½
Length Handle, Inches	9½	10½	16
Ap. Wt. Dozen, Lbs.	15	25	55
Per Dozen	$24.50	31.10	60.00

Open Stock.



Nos.	10	11	12
Bores Hole, Inches	1½	1¾	2
Length, Inches	8½	10	10½
Length Handle, Inches	8½	10¾	10¾
Ap. Wt. Per Dozen, Lbs.	9	15	18
Per Dozen	$13.25	15.15	18.90

Open Stock.

Dried Beef Cutters.

ENTERPRISE

Japanned Cast Iron Frame, Steel Knife, Automatic Feed, Self-Sharpening Device.

	Each
No. 23—17½ in. High, 19 in. Long, 3x12 in. Steel Knife.	$13.35
Weight Each About 25 Pounds.	

The Automatic Feed can be regulated to cut shavings as thin as tissue to slices ⅛ in. thick by adjusting small bolt holding connecting rod.

One in a Crate.

Cheese Cutters.

ENTERPRISE

Self-Gauging, Tinned Steel Blade, Ornamented Iron Frame.

	Each
No. 126—9 in. Knife, 10 in. Lift of Knife, 19 in. Diameter of Table, Height 25½ in., Complete with Cover.	$26.65
Weight Each About 75 Pounds.	

One in a Crate.

Tobacco Cutters.

ENTERPRISE

Japanned Iron Frame, Tempered Steel Blade, Draw Cut Movement.

	Each
No. 1—Cuts Plug 4⅜ in. Wide, Length Over All 18½ in., Height 7½ in.	$3.15
Weight Each About 8 Pounds.	

Open Stock.

Mincing Knives.

SENSIBLE, Three Removable Spring Steel Blades, Black Japanned Iron Handle.

Per Dozen

No. 60—2 in. Wide Blades (from Center to Edge).....$3.35

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Box.

BISHOP'S, Crucible Steel Blade, Beech Handle, Polished Edge.

Per Dozen

No. 4—5x2 in. Blade.....$3.70

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

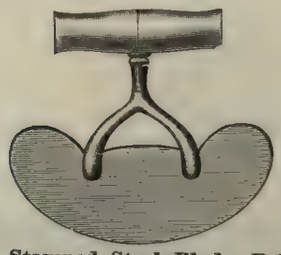
Double, Cast Steel Blade, Polished, Japanned Iron Frame, Wood Handle.

Per Dozen

No. 199—6x1⅜ in. Blades.....$2.50

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.



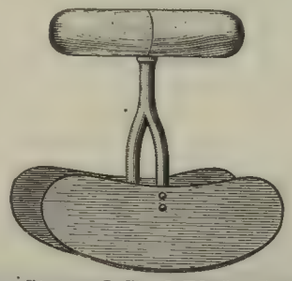
Single, Stamped Steel Blade, Polished, Malleable Iron Shank, Wood Handle.

Per Dozen

No. 9—4⅞x2 in. Blade.....$1.25

Weight Per Dozen About 3¼ Pounds.

One Dozen in a Box.



Double, Stamped Steel Blade, Polished, Malleable Iron Shank, Wood Handle.

Per Dozen

No. 10—4½x2 in. Blade.....$1.70

Weight Per Dozen About 3½ Pounds.

One Dozen in a Box.

Single, Cast Steel Blade, Polished, Japanned Iron Handle.

Per Dozen

No. 5—5⅛x2 in. Blade.....$2.00

Weight Per Dozen About 4½ Pounds.

One Dozen in a Box.

Single, Forged Cast Steel Blade, Polished, Enameled Wood Handle.

Per Dozen

No. 20—4½x2¾ in. Blade.....$4.50

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

Single, Cast Steel Blade, Polished, Wood Handle.

Per Dozen

No. 0—5¼x2 in. Blade.....$4.50

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Single, Cast Steel Blade, Polished, Rosewood Handle, with Nickel Plated Ferrule.

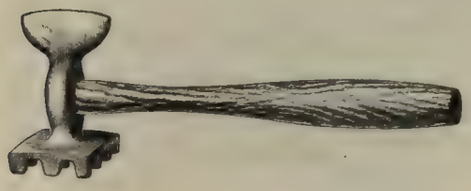
Per Dozen

No. 1300—5¼x2 in. Blade.....$6.15

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Steak Hammers.



Tinned Iron Head, Square Toothed Face, Light Wood Handle, Natural Color, Waxed.

Per Dozen

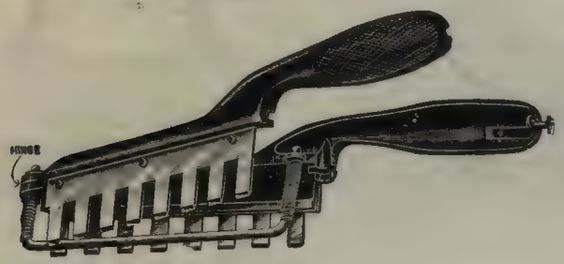
No. 3—4 in. Head, 1⅝x1⅝ in. Face, 10 in. Long Handle $1.80

Weight Per Dozen About 7½ Pounds.

One Dozen in a Box.

Steakgreiths or Meat Tenderers.

No. 12—Closed.



No. 12—Open for Cleaning.

PEERLESS, Black Japanned Iron Top and Handle, Polished Steel Cut Teeth.

Per Dozen

No. 12—12 in. Long Over All, 3¼ in. High.....**$23.35**

Weight Per Dozen About 22 Pounds.

One-half Dozen in a Box.

No. 10—Closed.

CLARK'S PATENT, Black Enameled Frame, Polished Steel Blades, Brass Springs, Enameled Wood Handle.

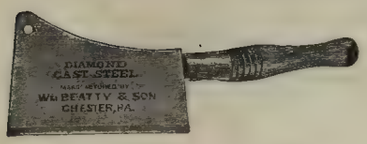
Per Dozen

No. 10—8 in. Long, 5 in. High.....**$15.00**

Weight Per Dozen About 20 Pounds.

One-twelfth Dozen Wrapped in Paper.

Family Choppers.



DIAMOND, Solid Steel Blade, Tempered, Hardwood Handle, Iron Ferrule.

Per Dozen

No. 20—6½ in. Cut, 6½ in. Handle **$7.80**

Weight Per Dozen About 21 Pounds.

One Dozen in a Carton.

HOUSEHOLD, Oil Tempered Steel Blades, Fancy Rubber Finished Hardwood Handles.

Per Dozen

No. 88—7¼ in. Cut, Entire Length 12½ in.....**$4.50**

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

FAMILY, Magnetic Steel Blade, Ground and Polished, Friction Burnt Selected Hardwood Handle, Nickel Plated Steel Ferrule.

Per Dozen

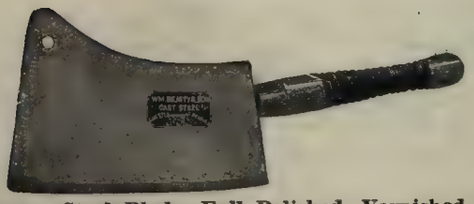
No. 600M—6¼ in. Cut, Entire Length 11⅝ in.....**$6.15**

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

Butchers' Choppers.

BEATTY'S



Extra Heavy, Steel Blade, Full Polished, Varnished Hickory Handle.

Nos.	000	00	0
Cut, Inches	6	7	8
Length of Handle, Inches	6½	6½	6½
Ap. Wt. Per Dozen, Lbs.	18	23	25
Per Dozen	$17.35	19.35	21.35

Nos.		1	2
Cut, Inches		9	10
Length of Handle, Inches		6½	7½
Ap. Wt. Per Dozen, Lbs.		30	35
Per Dozen		$24.00	26.70

One-half Dozen in a Box.

Butchers' Cleavers.

BEATTY'S

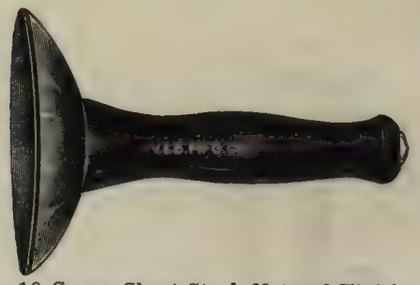
Extra Heavy Steel, Full Polished, Varnished Hickory Handle.

Nos.	10	11	12	13	14
Cut, Inches	7	8	9	10	11
Length Handle, In.	7½	8½	9½	10½	11½
Ap. Wt. Dozen, Lbs.	26	30	36	50	54
Per Dozen	$22.00	24.00	26.70	29.35	32.70

Nos.	15	16	17	18	19
Cut, Inches	12	13	14	15	16
Length Handle, In.	12½	13½	14½	15½	16½
Ap. Wt. Dozen, Lbs.	60	68	74	80	85
Per Dozen	$36.00	40.00	44.70	48.70	53.35

Nos. 10 to 14, One-half Dozen in a Box; Balance, Open Stock.

Hog Scrapers.



18 Gauge Sheet Steel, Natural Finish, Ground Edge, Black Finish Hardwood Handle, Blade Secured by Bolt Running Through Handle.

Nos.	4	6
Diam. Blade, Inches...	4	4½
Length Handle, In....	5½	5½
Length Over All, In...	6¾	6¾
Ap. Wt. Dozen, Lbs...	6	7
Per Dozen	$5.00	5.80

One-half Dozen in a Box.

20 Gauge Sheet Iron, Natural Finish, Natural Finish Hardwood Handle, Blade Secured by Bolt Running Through Handle.

No.	8
Diameter Blade, Inches.....	4
Length Handle, Inches.....	5½
Length Over All, Inches.....	6½
Approx. Weight Dozen, Lbs...	5½
Per Dozen	$2.00

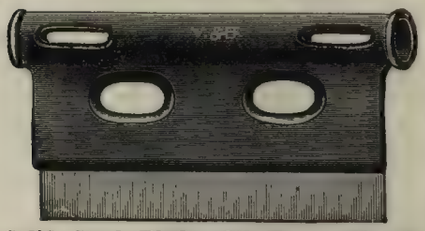
One-half Dozen in a Box.

Reversible, Large End No. 22 Galvanized Steel, Small End No. 26, Hardwood Handle with Bolt Running Through.

No.	206
Diameter Large End, Inches...	3½
Diameter Small End, Inches...	2⅜
Length Handle, Inches.....	4½
Approx. Weight Dozen, Lbs...	3½
Per Dozen	$1.25

One Dozen in a Box.

Block Scrapers.



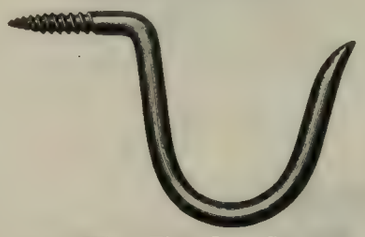
Solid Steel Blade, Oil Tempered and Polished, Malleable Iron Handle. Painted Black.

Per Dozen

No. 26—6 in. Cutting Edge, 3¾ in. High Over All, Weight Per Dozen About 18½ Lbs. $10.00

One-half Dozen in a Box.

Meat Hooks.

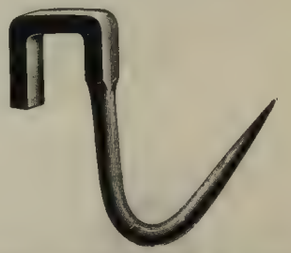


Steel Wire, Tinned, to Screw.

Nos.	43	44	45
Size of Wire, In..	¼	7/32	7/32
Height, Inches...	2	1 15/16	1¾
Ap. Wt. Gro., Lbs.	10½	9	6
Per Gross	$4.35	3.60	3.25

One-half Gross in a Box.

Meat Hooks.



Wrought Steel, Tinned, for Beam.

Nos.	201	205	225
Size Steel, In....	5/16	5/16	7/16
For Bar, In.....	1	2	2
Ap. Wt. Doz., Lbs.	2¾	3	6
Per Dozen	$1.00	1.00	1.70

One Dozen in a Box.

Cheese Triers.

No. 11—Cast Steel, Nickel Plated, Riveted Handle.

Size, Inches	6x 5/16
Approx. Weight Dozen, Lbs..	¾
Per Dozen	$10.35

Open Stock.

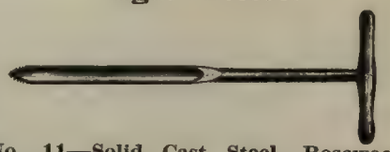
Butter Triers.

No. 5—Cast Steel, Nickel Plated, Polished Handle.

Length, Inches	18	21
Ap. Wt. Dozen, Lbs...	4½	5¼
Per Dozen	$14.50	17.80

Open Stock.

Sugar Triers.



No. 11—Solid Cast Steel, Rosewood Handle.

Length, Inches	10	12
Ap. Wt. Dozen, Lbs...	12	13
Per Dozen	$42.20	48.85
Length, Inches	15	18
Ap. Wt. Dozen, Lbs...	14	21
Per Dozen	$62.25	75.50

Open Stock.

Ham Triers.

Forged Steel, Oil Tempered and Polished, Heavy Steel Ferrule, Wood Handle.

Per Dozen

No. 1—12 in. Long Over All, 5 in. Handle, Weight Per Dozen About 2½ Lbs..... $6.70

One-half Dozen in a Box.

Ham Stringers.

Forged Steel, Oil Tempered and Polished, Blued Shank, Steel Ferrule, Hickory Handle.

Per Dozen

No. 1—3/16 in. Opening, ¼ in. Diameter of Shank, 11 in. Over All, 5 in. Handle, Weight Per Dozen About 3 Lbs. $9.35

One-half Dozen in a Box.

Selecting Hooks.

Forged Steel, Tinned, Varnished Hardwood Handle.

Per Dozen

No. 13—13 in. Long, 5⅝ in. Handle, 5/16 in. Steel, Weight Per Dozen About 5⅝ Lbs... $5.15

One-half Dozen in a Box.

Meat and Food Choppers.

ENTERPRISE

Tinned, with Table Clamp.

	Each
No. 5—Family Size, Chops 1½ Lbs. Per Minute	**$2.75**

Weight Each About 4¾ Pounds.

Six in a Case.

FAVORITE

Tinned Iron, Self-Sharpening Reversible Cutters.

	Per Dozen
No. 17—Body 2⅜x2⅞ in., Hopper 2⅝x3½ in., Chops 1¾ Lbs. Per Minute, Weight Each About 5 Lbs.	**$16.70**
No. 27—Body 2 1/16x3¼ in., Hopper 2⅞x3⅞ in., Chops 2¼ Lbs. Per Minute, Weight Each About 6 Lbs.	**19.50**
No. 37—Body 2 13/16x3 7/16 in., Hopper 3⅛x4 3/16 in., Chops 3¼ Lbs. Per Minute, Weight Each About 7 Lbs.	**24.50**

Three Self-Sharpening Cutters, Coarse, Medium and Fine, and one Pulverizer and Nut Butter Grinder with each machine.

One-twelfth Dozen in a Box; One-half Dozen in a Case.

RUSSWIN

Closed, Ready for Use.

Open, for Cleaning.

Heavily Tinned Iron, Self-Sharpening Cutters.

	Per Dozen
No. 1R—3½x2¼ in. Case, 3x2½ in. Hopper, Case 2⅛ in. High Above Table, Chops 2 Lbs. Per Minute, Weight Each About 4½ Lbs.	**$20.60**
No. 2R—3½x2¼ in. Case, 3⅝x2¾ in. Hopper, Case 2⅞ in. High Above Table, Chops 3 Lbs. Per Minute, Weight Each About 4¾ Lbs.	**26.65**
No. 3R—4½x2½ in. Case, 4⅜x3½ in. Hopper, Case 3 in. High Above Table, Chops 5 Lbs. Per Minute, Weight Each About 5½ Lbs.	**36.15**

Three Self-Sharpening Cutters, Coarse, Medium and Fine, with each machine.

One-twelfth Dozen in a Box; One-half Dozen in a Case.

EXTRA PARTS FOR RUSSWIN CHOPPERS

Prices on Application.

For Chopper Nos.	1R	2R	3R
No. A—Case ..... Each,	$....	....	....
No. B—Roll ..... Each,	....	....	....
No. C—Crank ..... Each,	....	....	....
No. D—Winged Nut ..... Each,	....	....	....
No. E—Disc ..... Each,	....	....	....
No. G—4 Tooth Cutter..... Each,	....	....	....
No. H—10 Tooth Cutter..... Each,	....	....	....
No. I—16 Tooth Cutter..... Each,	....	....	....
No. J—Nut Butter Cutter..... Each,	....	....	....
No. K—Screw and Washer..... Each,	....	....	....
No. L—Stuffing Attachment... Each,	....	....	....

UNIVERSAL

All Parts Tinned and Interchangeable.

No. 0.

	Per Dozen
No. 0—Small Family, 8 in. High Over All, 2⅝x2¾ in. Hopper, 1¾ in. Barrel, Chops 1½ Lbs. Per Minute, Weight Each About 3 Lbs.	**$17.00**
No 1—Family, 8½ in. High Over All, 2¾x3½ in. Hopper, 2 in. Barrel, Chops 2 Lbs. Per Minute, Weight Each About 4½ Lbs.	**20.00**
No. 2—Medium, 9 in. High Over All, 3¼x3⅞ in. Hopper, 2¼ in. Barrel, Chops 2½ Lbs. Per Minute, Weight Each About 4¾ Lbs.	**24.00**
No. 3—Large, for Hotels and Restaurants, 11 in. High Over All, 4x4⅞ in. Hopper, 2½ in. Barrel, Chops 3 Lbs. Per Minute, Weight Each About 8¼ Lbs.	**34.15**

Nos. 1 to 3.

The Universal Food Chopper will cut all kinds of meat, vegetables and fruit, raw or cooked, into uniform pieces. No. 0 machine is furnished with three cutters, coarse, medium and fine. Nos. 1 and 2 have three cutters and one nut butter grinder. No. 3 has four cutters, very coarse to very fine, is self-sharpening and easy to clean.

One-half Dozen in a Box.

NOTE—For Extra Parts for Universal Food Choppers See Page 1143.

Meat and Food Choppers.

UNIVERSAL

All Parts Heavily Tinned and Interchangeable.

	Each
No. 323—3x4 in. Hopper, 2⅛x1⅝ in. Barrel, Chops 2½ Lbs. Per Minute, Weight Each About 5¼ Lbs.	$2.75
No. 333—4x5 in. Hopper, 2⅛x2¾ in. Barrel, Chops 3 Lbs. Per Minute, Weight Each About 10 Lbs.	3.90
No. 331—4x5 in. Hopper, 2⅛x2¾ in. Barrel, Chops 3 Lbs. Per Minute, Weight Each About 10 Lbs.	$3 50
No. 304—5x6 in. Hopper, 2⅝x3¼ in. Barrel, Chops 4 Lbs Per Minute, Weight Each About 16¼ Lbs.	6.25

Nos. 323, 333 and 331, One-half Dozen; No. 304, One-quarter Dozen in a Box.

EXTRA PARTS FOR UNIVERSAL FOOD CHOPPERS

Discount on Application.

For Nos.	0	1 and 2	3
No. 1 —Body	$0.75	1.00	1.50
No. 2 —Forcer	.35	.50	.60
No. 3A—Coarse Cutter	.15	.15	.25
No. 3B—Medium Cutter	.15	.15	.25
No. 4 —Pulverizer	.15	.15	.25
No. 5 —Crank	.20	.25	.30
No. 6 —Clamp Screw	.13	.13	.20
No. 7 —Thumb Nut	.10	.10	.10
No. 10 —Thumb Screw for Crank	.10	.10	.10

When Ordering, Always State Number of Chopper for which Extra Part is Wanted.

Stuffing Attachments.

UNIVERSAL

One Piece Seamless Brass Tubing, Heavily Nickel Plated.

For Choppers, Nos.	2	3
Ap. Weight Per Dozen, Lbs.	4	4
Per Dozen	$6.00	6.00

One Piece Seamless, Brass Tubing, Heavily Nickel Plated

For Choppers, Nos.	323	331	333	304
Ap. Wt. Per Dozen, Lbs.	4	4¼	4½	5
Per Dozen	$8.60	9.40	9.40	11.70

One-twelfth Dozen in a Package.

Meat Choppers.

ENTERPRISE

Tinned Iron, with Table Clamps.

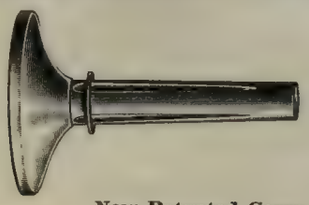
No.	10
Chops Per Minute, Lbs.	3
Ap. Weight Each, Lbs.	8¾
Each	$3.90

Tinned Iron, Screws to Table.

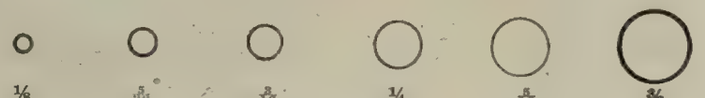
Nos.	12	22	32
Chops Per Minute, Lbs.	3	4	5
Ap. Weight Each, Lbs.	9	14	22
Each	$3.50	6.25	7.80

Above Choppers can be Furnished with Extra Plates having 5/64, 1/8, 3/16, 1/4, 5/16 and 3/8 in. Holes, (See Illustration.)
Six in a Case.

ENTERPRISE STUFFING ATTACHMENT



SIZE OF HOLES IN PLATES



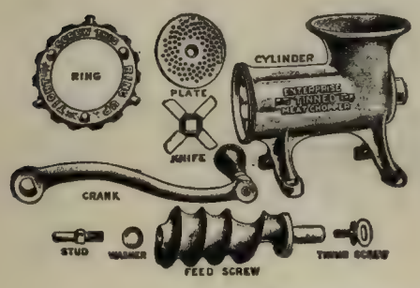
Standard.

New Patented Corrugated Spout, Spun Brass, Nickel Plated, ¾ in. Opening.

For Choppers Nos.	5	10	12	22	32
Ap. Weight Per Dozen, Lbs.	1¾	2	2¼	2½	3
Per Dozen	$8.60	9.40	9.40	11.70	13.70

One Dozen in a Box.

EXTRA PARTS FOR ENTERPRISE MEAT CHOPPERS

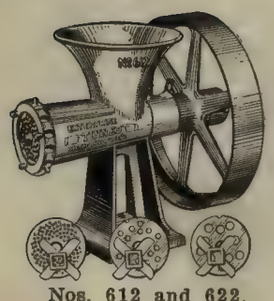


For Choppers Nos.		5	10	12	22	32
		Discount on Application.				
Cylinder	Each,	$1.00	1.50	1.25	2.00	3.00
Feed Screw	Each,	.35	.55	.55	1.00	1.50
Feed Screw with Long Shaft for Pulley, Each		....	....	....	2.35	3.25
Knife	Each,	.15	.18	.18	.25	.40
Plate with 3/16, 1/4, 5/16 or 3/8 in. Holes.	Each.	.20	.35	.35	.50	.65
Plate with 1/8 in. Holes	Each,	.40	.50	.50	.65	1.30
Plate with 5/64 in. Holes	Each,	.60	.75	.75	1.00	2.00
Ring	Each,	.18	.25	.25	.50	65
Crank	Each,	.18	.20	.20	.35	.50
Thumb Screw	Each,	.10	.15	.15	.15	.20
Cross Bar or Washer	Each,	.10	.20	....	....	....
Clamp Screw	Each,	.20	.20	....	....	....
Stud	Each.	.15	.20	.20	.25	.30

In Ordering Parts Give Number of Chopper for which Parts are Wanted, as Well as Name of Part.

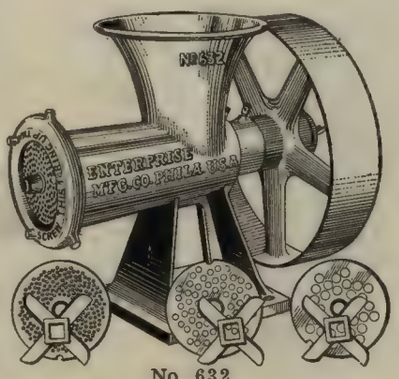
ENTERPRISE POWER

Tinned Iron, Screws to Table.



Nos. 612 and 622.

	Each
No. 612—11 in. High, 13 in. Wide, 6x7 in. Hopper, 4½x4¾ in. Base, 10x1¾ in. Pulley, 350 to 400 Revolutions Per Minute, Requires ¼ to ½ Horse Power, Cuts 100 Lbs. Three Times Per Hour, Weight Each About 23 Lbs.	$19.50
No. 622—13⅜ in. High, 15 in. Wide, 6¾x7¾ in. Hopper, 5⅞x6 in. Base, 13x2 in. Pulley, 350 to 400 Revolutions Per Minute, Requires ½ to 1 Horse Power, Cuts 150 Lbs. Three Times Per Hour, Weight Each About 39 Lbs.	27.30
No. 632—14⅛ in. High, 16½ in. Wide, 7½x9 in. Hopper, 7x7¼ in. Base, 12x2¾ in. Pulley, 350 to 400 Revolutions Per Minute, Requires 1 to 2 Horse Power, Cuts 200 Lbs. Three Times Per Hour, Weight Each About 57 Lbs.	39.00

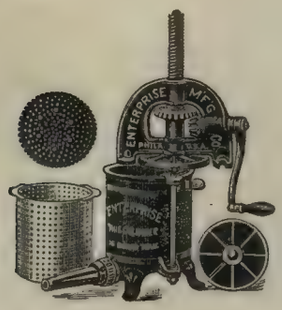


No. 632.

Four Plates are Furnished with Each Machine, One Each with 1/8, 3/16, 1/4 and 3/8 in. Holes, Also Four Knives.

Sausage Stuffers, Lard and Fruit Presses.

ENTERPRISE



No. 5—Rack Movement. Nos. 15 to 40—Screw Movement.

Japanned.

New Patent Corrugated Spout, Swinging Top, Perforated Cylinder and Bottom Plate, Removable Plunger Plate.

Nos.	5	15	25	31	35	*40
Quarts	2	2	4	6	8	8
Ap. Wt. Ea., Lbs.	20	25	41	50	60	80
Each	$5.90	7.05	8.60	9.75	10.95	13.30

***NOTE**—No. 40 is Tinned.

Nos. 5 and 15, Six in a Case; Nos. 25 to 40, One in a Case.

UNIVERSAL

Showing Stuffer Taken Apart.

All Steel, Japanned and Striped.

Swinging Top, Perforated Cylinder and Bottom Plate, Removable Plunger Plate.

Nos.	44	66	88
Quarts	4	6	8
Ap. Weight Each, Lbs.	40	48	56
Each	$8.70	9.85	11.10

One in a Case.

Lard and Fruit Presses.

NATIONAL

Japanned, Corrugated Spout.
Swinging Arch, Perforated Cylinder and Bottom Plate, Removable Plunger Plate.

Nos.	24	26	28
Quarts	4	6	8
Ap. Weight Each, Lbs.	39	48	56
Each	$8.00	9.10	10.15

One in a Crate.

INDEPENDENT QUICK ACTION

Japanned.
Cast Iron Parts, Heavy Tin Colander and Outside Cylinder.

No.	240
Quarts	4
Ap. Weight Each, Lbs.	18
Each	$3.90

One in a Crate.

Sausage Stuffers.

PERRY'S

Japanned Iron.

	Per Dozen
No. 1—Family Size. 3½ in. Cylinder, 22 in. Lever Handle, Weight Each About 9 Lbs.	$18.00
No. 0—Butchers' Size, 4½ in. Cylinder, 25 in. Lever Handle, Weight Each About 13 Lbs.	25.20

One-half Dozen in a Box.

RAILROAD

Japanned Iron Base, Tin Cylinder.

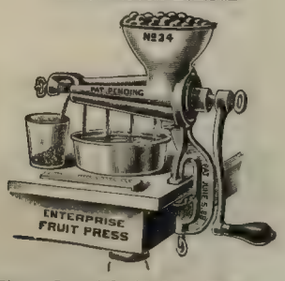
	Per Dozen
No. 10—Family Size, Capacity 3½ Lbs.	$26.65

Weight Each About 8 Pounds.

One-half Dozen in a Box.

Fruit, Wine and Jelly Presses.

ENTERPRISE



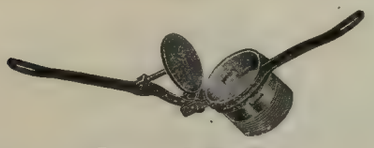
Tinned, with Table Clamp. Per Dozen

No. 34—12½ in. Long, 13½ in. High, Capacity of Hopper 1 Quart.....**$74.60**

This machine is superior to all others for making wines, jellies and fruit butters from berries of all kinds, grapes, currants, tomatoes, quince, pineapples, etc. Its principle is simple, is easily operated, and saves all the rehandling necessary with other presses, as it extracts the juice and ejects the skins and seeds in one operation.

Weight Each About 12½ Pounds.
One-half Dozen in a Case.

Fruit and Vegetable Presses.

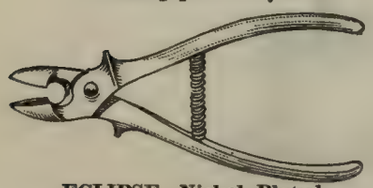


Japanned Handles. Per Dozen

No. 2—Retinned Strainer and Bowl.....**$4.15**
Extra Cups—For No. 2 Presses, **Fine** **2.25**
Extra Cups—For No. 2 Presses, **Coarse** **2.25**

Weight Per Dozen About 21 Pounds.
Six Dozen in a Barrel.

Pineapple Eyers.



ECLIPSE, Nickel Plated. Per Dozen

No. 110—6 in. Long, Cast Iron..**$2.25**

Weight Per Dozen About 5 Pounds.
One Dozen in a Box.

Apple Corers.

IC Tin. Per Dozen

No. 1—3¼x6 in.....**$0.60**

Weight Per Dozen About 2 Pounds.
One Dozen in a Package.

Corers.

SPENGLER, Heavy Tin. Per Dozen

No. 25—7 in. Long, Wood Handle, Saw Edge.....**$1.70**

Indispensable in preparing vegetables such as potatoes, carrots, beets, etc.

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Strawberry Hullers.

NIP-IT

Spring Steel. Per Dozen

Nip-It—Nickel Plated, for Removing Hulls from Strawberries **$0.70**

By its use one avoids Stained Fingers, Seeds under Finger Nails, Crushed Fruit, keeps Berries whole for Table use, takes out Soft Spots, etc.

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Meat Juice Extractors.

ENTERPRISE

Tinned, with Table Clamp. Per Dozen

No. 21—9 in. Long, 12 in. High.....**$4.15**

The machine being tinned, no metallic or inky flavor will be imparted to the material used. The dryness of pulp or refuse can be regulated by the thumb screw at the outlet.

Weight Each About 6 Pounds.
One-half Dozen in a Case.

Potato Mashers.

Seamless Steel Bowl. Per Dozen

No. 11—3¼ in. Diameter, Heavily Tinned Bowl, 10 in. Long Black Japanned Steel Handles.....**$4.50**

Weight Per Dozen About 22 Pounds.
One Dozen in a Case.

Raisin Seeders.

ENTERPRISE

Tinned. Per Dozen

No. 36—Family Size, Seeds One Pound in Five Minutes, Adjustable for Different Sizes of Raisins **$25.00**

Weight Per Dozen About 45 Pounds.
Two Dozen in a Case.

Cherry Stoners.

ENTERPRISE

No. 2.

Tinned.

Per Dozen

No. 2—Adjustable, with Table Clamp, Rapid and Effective **$16.70**

Weight Per Dozen About 54 Pounds.

Two Dozen in a Case.

Lacquered.

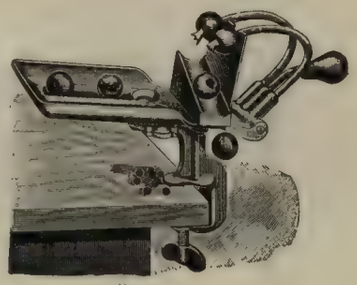
Per Dozen

No. 12—5 in. High, Stones Two Cherries at One Stroke, Does not Crush or Tear Fruit..... **$8.90**

Weight Per Dozen About 24 Pounds.

One Dozen in a Box.

GOODELL'S



No. 12.

ROLLMAN

Tinned.

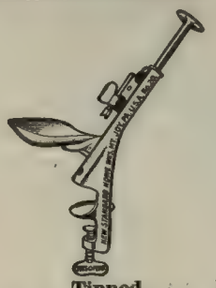
Per Dozen

No. 11—10½ in. High, Cast Iron Frame, with Screw Clamp, Seeds from 20 to 30 Quarts Per Hour, without Loss of Juice..... **$13.35**

Weight Per Dozen About 32 Pounds.

One-half Dozen in a Box.

NEW STANDARD



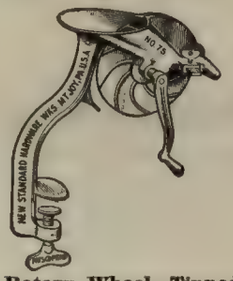
Tinned. Per Dozen

No. 20—12 in. High, Cast Iron Frame, with Screw Clamp, Extra Long Special Spring Wire Spring, Seeds from 20 to 30 Quarts Per Hour, without Loss of Juice..... **$8.90**

Weight Per Dozen About 24 Pounds.

One-half Dozen in a Box.

NEW STANDARD



Rotary Wheel, Tinned.

Per Dozen

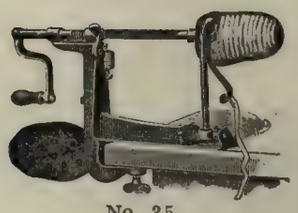
No. 75—10 in. High, Cast Iron Frame, Screw Clamp, Patent Regulating Device, Very Rapid and Effective..... **$13.35**

Weight Per Dozen About 30 Pounds.

One-sixth Dozen in a Carton.

Potato Slicers.

WHITE MOUNTAIN



No. 35.

Lacquered.

Per Dozen

No. 35—6½ in. High, Iron Frame, Steel Blade, Corer and Slicer, with Push-Off **$11.15**

Weight Per Dozen About 18 Pounds.

One Dozen in a Box.

No. 25.

SARATOGA

Japanned.

Per Dozen

No. 25—13 in. High, Cast Iron Frame and Crank, Steel Spindle, Tempered Steel Blade, Wood Handle **$14.50**

Weight Per Dozen About 21 Pounds.

One Dozen in a Box.

Vegetable Cutters.

MIDGET

Lacquered.

Per Dozen

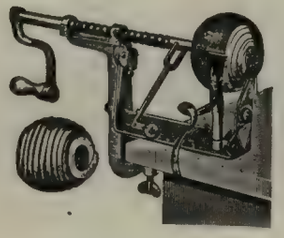
No. 15—10½ in. High, Cast Iron Frame, Two Adjustable Steel Knives, Will Cut Any Length from ⅜ to 2 in. **$13.35**

Weight Per Dozen About 21 Pounds.

One-twelfth Dozen in a Box.

Apple Parers.

WHITE MOUNTAIN



Lacquered. Per Dozen

No. 1—6½ in. High, Cast Iron Frame, Automatic Push-Off, Tempered Blue Finish Steel Adjustable Knives, Steel Threaded Feed Shaft, Black Handle **$10.00**

Weight Per Dozen About 25 Pounds.

One Dozen in a Box.

TURN TABLE

Lacquered.

Per Dozen

No. 98—11 in. High, Cast Iron Frame, Tempered Blue Finish Steel Adjustable Knife, Automatic Push-Off, Enameled Wood Handle... **$13.35**

Weight Per Dozen About 70 Pounds.

One Dozen in a Box.

Challenge Iceberg Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Case, Charcoal Sheathing Insulation, Charcoal Filled, Zinc Lined, Removable and Adjustable Woven Wire Sliding Shelves, Swing Base Board, Ball Bearing Casters, Solid Polished Brass Trimmings, Nickel Plated.

Diagram Showing Circulation.

CIRCULATION

The accompanying diagram fully illustrates the theory of circulation in Challenge Iceberg Refrigerators. The arrows indicate the direction of the currents of air, which are kept in constant motion by the opposing forces of heat and cold. These currents are created by the cold air from the ice chamber entering the provision room at the top near its center; from thence it passes down and around whatever articles may be stored therein, taking on their odors and becoming more or less warmed. It is then forced by natural laws to ascend to the top, where its only outlet is through the flues at either side of the ice chamber; here it is condensed and cooled, settling down over and around the ice, which lies upon a rack made of heavy corrugated galvanized iron; when the air comes in contact with this iron, it being as cold as the ice itself, it quickly condenses all vapor or odor that may remain, thus leaving all its impurities to pass off through the drip pipe with the melted ice. The condensation is the same as seen on a pitcher or glass of ice water coming in contact with a warm, moist atmosphere, and is also forcibly illustrated by the breath coming in contact with cold, frosty atmosphere. It will thus be seen that all odor or vapor is removed, and the pure, dry, cold air returns to the provision chamber, thereby securing the most favorable conditions possible for the preservation of all articles stored therein. These conditions will continue so long as the ice chamber is kept filled with ice. Moisture in the provision chamber is a deadly foe, creating foul, poisonous air, and destroys instead of preserving its contents.

The circulation of the Challenge Iceberg keeps the air dry, pure and cold. All these conditions are necessary to insure perfect preserving qualities in a Refrigerator. The Challenge Iceberg Refrigerators are the best made for preserving and keeping all articles stored therein pure and sweet.

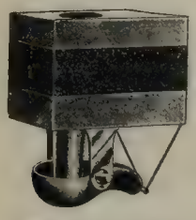
CHARCOAL FILLING

Solid Pure Charcoal Filling has stood the test of time, and it is a well-known fact, familiar to everyone who has taken time to investigate, that it is the best substance known today for the purpose of filling the space between the inside and outside walls of a refrigerator.

It is one of the best known insulators of heat and cold, and possesses purifying qualities which no other filling has. The past years have added convincing proofs of the above facts.

It is also a well-known fact that the space in which filling is deposited should be as nearly air-tight as it is possible to make it in order to produce the best results. A lining of charcoal sheathing, such as we use in the Challenge Iceberg, makes this place practically air-tight. In case a refrigerator leaks, which is frequently the case, caused by carelessness in jamming a hole in the zinc lining, either by putting in ice or chipping it off with an icepick or knife, it should be repaired before becoming thoroughly saturated with water. But please remember that pure charcoal, on account of its purifying and absorbing qualities, never becomes sour or musty by being thus saturated, which is another reason for its being the best filling known.

DRIP CUP



Drip Cup, Closed.

Drip Cup, Opened.

The illustrations above give a very clear idea of the Challenge Iceberg Drip Cup. It is made of iron, and is securely screwed to the case of the Refrigerator, thus preventing it from falling off and letting warm air up into the ice chamber.

It works automatically. A string leading to the front of case can be pulled to empty the cup when emptying the Pan; letting go the string will let the cup back in place and will hold Drip till Pan is put back in place. No water will drip on floor while Pan is being emptied.

Ball Bearing Caster.

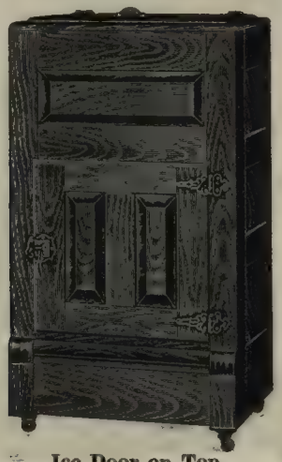
CASTERS

The Challenge Iceberg Refrigerator is fitted with Ball Bearing Self-Retaining Casters; made of steel, with wooden wheels, and do not rust the floor.

They will not drop out when Refrigerator is raised from the floor, and are as nearly perfect as a Caster can be made. Can be easily removed if necessary and returned just as easily.

Challenge Iceberg Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Case, Charcoal Sheathing Insulation, Charcoal Filled, Zinc Lined, Removable and Adjustable Woven Wire Sliding Shelves, Swing Base Board, Ball Bearing Casters, Solid Polished Brass Trimmings, Nickel Plated.



Ice Door on Top.
One Provision Chamber, Two Shelves.

No. 0—Ice Capacity 50 Lbs., Shipping Wt. 140 Lbs. . . **$23.00** Each

Dimensions.

	Length	Depth	Height
Outside Case	24 in.	5½ in.	42 in.
Ice Chamber	17 in.	11 in.	11¼ in.
Provision Chamber	19½ in.	11¾ in.	14½ in.

No. 1—Ice Capacity 75 Lbs., Shipping Wt. 160 Lbs. . . **$26.65** Each

Dimensions.

	Length	Depth	Height
Outside Case	26 in.	17½ in.	44 in.
Ice Chamber	19 in.	13 in.	11¼ in.
Provision Chamber	21½ in.	13¾ in.	16½ in.

No. 2—Ice Capacity 100 Lbs., Shipping Wt. 185 Lbs. . **$30.55** Each

Dimensions.

	Length	Depth	Height
Outside Case	30 in.	18½ in.	46 in.
Ice Chamber	23 in.	14 in.	11¼ in.
Provision Chamber	25½ in.	14¾ in.	18¼ in.

No. 3—Ice Capacity 100 Lbs., Shipping Wt. 230 Lbs. . **$33.90** Each

Dimensions.

	Length	Depth	Height
Outside Case	32 in.	19 in.	47 in.
Ice Chamber	25 in.	14½ in.	11¼ in.
Provision Chamber	27½ in.	15 in.	18½ in.

No. 9.

Ice Door on Top.
One Provision Chamber, Two Shelves.

No. 5—Ice Capacity 100 Lbs., Shipping Wt. 230 Lbs. . **$35.00** Each

Dimensions.

	Length	Depth	Height
Outside Case	32 in.	19 in.	47 in.
Ice Chamber	25 in.	14½ in.	11¼ in.
Provision Chamber	27½ in.	15 in.	18½ in.

No. 6—Ice Capacity 125 Lbs., Shipping Wt. 250 Lbs. . **$37.75** Each

Dimensions.

	Length	Depth	Height
Outside Case	34 in.	21½ in.	48½ in.
Ice Chamber	27 in.	16¾ in.	11¼ in.
Provision Chamber	29½ in.	17¼ in.	20 in.

Ice Door in Front.
One Provision Chamber, Two Shelves.

No. 60—Ice Capacity 90 Lbs., Shipping Wt. 175 Lbs. . **$27.25** Each

Dimensions.

	Length	Depth	Hght.
Out. Case.	23½ in.	19 in.	50 in.
Ice Cham..	16¼ in.	14¼ in.	13 in.
Pro. Cham.	18¾ in.	14½ in.	20 in.

Nos. 60, 61 and 62.

Ice Door in Front.
One Provision Chamber, Two Shelves.

No. 61—Ice Capacity 120 Lbs., Shipping Wt. 200 Lbs. . **$33.90** Each

Dimensions.

	Length	Depth	Height
Outside Case	27½ in.	19 in.	56 in.
Ice Chamber	20¼ in.	14¼ in.	14½ in.
Provision Chamber	22¾ in.	14¼ in.	23¾ in.

No. 62—Ice Capacity 180 Lbs., Shipping Wt. 250 Lbs. . **$40.00** Each

Dimensions.

	Length	Depth	Height
Outside Case	30½ in.	21 in.	61 in.
Ice Chamber	23¼ in.	16¼ in.	16 in.
Provision Chamber	25¾ in.	16½ in.	27 in.

Ice Door on Top.
One Provision Chamber, Two Shelves.

No. 9—Ice Capacity 150 Lbs., Shipping Weight 290 Lbs. . . . . **$45.55** Each

Dimensions.

	Length	Depth	Height
Outside Case	36 in.	22½ in.	50 in.
Ice Chamber	28¼ in.	17¼ in.	11¼ in.
Provision Chamber	15 in.	18¼ in.	21 in.

Challenge Iceberg Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Case, Charcoal Sheathing Insulation, Charcoal Filled, Zinc Lined, Removable and Adjustable Woven Wire Sliding Shelves, Swing Base Board, Ball Bearing Casters, Solid Polished Brass Trimmings, Nickel Plated.

Ice Door in Front.
One Provision Chamber, Three Shelves.

No. 63—Ice Capacity 200 Lbs., Shipping Weight About 355 Lbs. ..... **$53.30** Each

Dimensions.

	Length	Depth	Height
Outside Case	33 in.	22½ in.	69 in.
Ice Chamber	24¾ in.	17¾ in.	16¾ in.
Provision Chamber	27¼ in.	17¾ in.	34¼ in.

Ice Door in Front.
Two Provision Chambers, Four Shelves.

No. 99—Ice Capacity 175 Lbs., Shipping Weight About 225 Lbs. ..... **$55.60** Each

Dimensions.

	Length	Depth	Height
Outside Case	36½ in.	18½ in.	53½ in.
Ice Chamber	15 in.	14½ in.	24 in.
Large Provision Chamber.	16 in.	14½ in.	41 in.
Small Provision Chamber.	16 in.	14½ in.	15 in.

Ice Door in Front.
One Provision Chamber, Two Shelves.

No. 15—Ice Capacity 140 Lbs., Shipping Weight About 250 Lbs. ..**$45.55** Each

Dimensions.

	Length	Depth	Height
Outside Case	33¼ in.	21 in.	48 in.
Ice Chamber	26¼ in.	16½ in.	12½ in.
Provision Chamber	28¾ in.	16¾ in.	19 in.

Ice Door in Front.
Two Provision Chambers, Three Shelves.

No. 91—Ice Capacity 80 Lbs., Shipping Weight About 130 Lbs. ..... **$25.55** Each

Dimensions.

	Length	Depth	Height
Outside Case	19 in.	14½ in.	40 in.
Ice Chamber	15 in.	14½ in.	22 in.
Provision Chamber	13½ in.	12½ in.	31 in.

No. 93—Ice Capacity 100 Lbs., Shipping Weight About 160 Lbs. ..... **$32.20** Each

Dimensions.

	Length	Depth	Height
Outside Case	31 in.	16½ in.	44 in.
Ice Chamber	15 in.	14½ in.	22 in.
Provision Chamber	13½ in.	12½ in.	31 in.

No. 95—Ice Capacity 125 Lbs., Shipping Weight About 185 Lbs. ..... **$37.75** Each

Dimensions.

	Length	Depth	Height
Outside Case	34 in.	18½ in.	46 in.
Ice Chamber	15 in.	14½ in.	22 in.
Provision Chamber	15 in.	14½ in.	34 in.

No. 97—Ice Capacity 150 Lbs., Shipping Weight About 210 Lbs. ..... **$45.50** Each

Dimensions.

	Length	Depth	Height
Outside Case	36½ in.	18½ in.	50 in.
Ice Chamber	15 in.	14½ in.	22 in.
Large Provision Chamber.	16 in.	14½ in.	37 in.
Small Provision Chamber.	16 in.	14½ in.	11 in.

No. 15.

Challenge Iceberg Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Case, Charcoal Sheathing Insulation, Charcoal Filled, Zinc Lined, Removable and Adjustable Woven Wire Sliding Shelves, Swing Base Board, Ball Bearing Casters, Solid Polished Brass Trimmings, Nickel Plated.

Ice Doors in Front.

Two Provision Chambers, Two Shelves in Each.

Each

No. 16—Ice Capacity 200 Lbs., Shipping Wt. 300 Lbs. . **$54.40**

Dimensions.

	Length	Depth	Height
Outside Case	39½ in.	21 in.	52 in.
Ice Chamber	32¼ in.	16¾ in.	14¼ in.
Provision Chambers, Each	16⅞ in.	16¾ in.	21¼ in.

Ice Doors in Front.

Two Provision Chambers, Two Shelves in Each.

Each

No. 13—Ice Capacity 300 Lbs., Shipping Wt. 400 Lbs. . **$64.40**

Dimensions.

	Length	Depth	Height
Outside Case	42½ in.	26 in.	58 in.
Ice Chamber	34¼ in.	21 in.	14¼ in.
Provision Chambers, Each	18 in.	21¼ in.	23 in.

Ice Doors in Front.

Two Provision Chambers, Two Shelves in Each.

Each

No. 14—Ice Capacity 400 Lbs., Shipping Wt. 450 Lbs. . **$71.05**

Dimensions.

	Length	Depth	Height
Outside Case	46½ in.	28½ in.	60 in.
Ice Chamber	38¼ in.	23¼ in.	15½ in.
Provision Chambers, Each	20 in.	23½ in.	24 in.

For Grocers, Hotels, Boarding Houses, Etc.
Ice Doors in Front.

Two Large Provision Chambers, Three Shelves in Each.

Each

No. 21—Ice Capacity 500 Lbs., Shipping Wt. 540 Lbs. . **$114.35**

Dimensions.

	Length	Depth	Height
Outside Case	46½ in.	31½ in.	70 in.
Ice Chamber	38¼ in.	26¼ in.	16½ in.
Provision Chambers, Each	19¾ in.	26½ in.	33¼ in.

Challenge Iceberg Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Case, Charcoal Sheathing Insulation, Charcoal Filled, Zinc Lined, Removable and Adjustable Woven Wire Sliding Shelves, Swing Base Board, Ball Bearing Casters, Solid Polished Brass Trimmings, Nickel Plated.

FOR GROCERS, HOTELS, BOARDING HOUSES, ETC.

No. 021.

Ice Doors in Front.

Two Large Provision Chambers, Three Shelves in Each, Beveled French Plate Mirror Panels in Ice Doors, Double Glass in Upper Provision Chamber Doors.

Each

No. 021—Ice Capacity 500 Lbs., Shipping Weight 560 Lbs. **$131.00**

Dimensions.

	Length	Depth	Height
Outside Case	46½ in.	31½ in.	70 in.
Ice Chamber	38¼ in.	26¼ in.	16 in.
Provision Chambers, Each	19¾ in.	26½ in.	33½ in.

FOR BUTTER

Ice Doors on Sides.

Display Chamber at Top, Two Center Provision Chambers with Glass Panels, Two Lower Provision Chambers, Sliding Shelves in Center provision Chambers, Chambers Lined with Sugar Maple, Thoroughly Shellacked, Made in Sections for Convenience in Shipping.

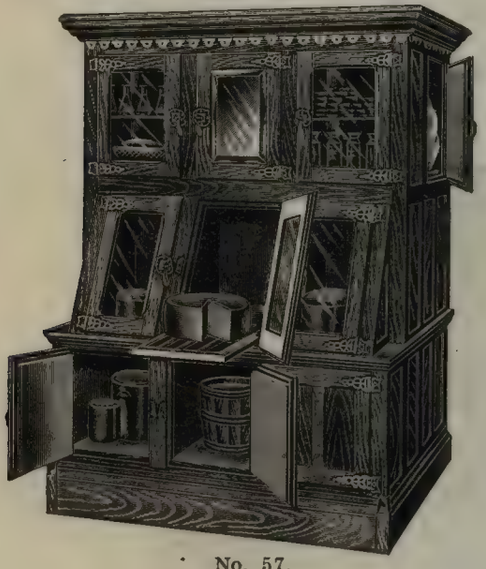
Each

No. 56—Ice Capacity 500 Lbs., Shipping Weight 1280 Lbs. **$173.20**

No. 56.

Dimensions.

	Length	Depth	Height
Outside Case	56½ in.	42 in.	86 in.
Ice Chamber	43 in.	20 in.	21 in.
Display Chamber at Top	42 in.	6 in.	21 in.
Two Center Provision Chambers, Each	17 in.	30 in.	19 in.
Two Lower Provision Chambers, Each	17 in.	35 in.	19 in.



No. 57.

FOR BUTTER

Ice Doors on Sides.

Display Chamber at Top, Beveled French Plate Mirror in Center, Glass Panel Sides, Three Center Provision Chambers with Glass Panels and Sliding Shelves, Three Lower Provision Chambers, Chambers Lined with Sugar Maple, Thoroughly Shellacked, Made in Sections for Convenience in Shipping.

Each

No. 57—Ice Capacity 800 Lbs., Shipping Weight 1680 Lbs. **$219.80**

Dimensions.

	Length	Depth	Height
Outside Case	78 in.	42 in.	86 in.
Ice Chamber	65 in.	20 in.	21 in.
Display Chamber	64 in.	6 in.	21 in.
Three Center Provision Chambers, Each	17 in.	30 in.	19 in.
Three Lower Provision Chambers, Each	17 in.	36 in.	19 in.

Ice Chests.

Family.

Hardwood Case, Filled and Finished with Shellac and Coach Varnish, with Inside Case.

	Outside Measure			Inside Measure			No. of Prov'n Shelves	Weight Lbs.	Each
	Length	Depth	Height	Length	Depth	Height			
No. 24	27 in.	18½ in.	25 in.	22 in.	13 in.	11 in.	1	90	**$14.45**
No. 25	29 in.	20 in.	27½ in.	24 in.	14¼ in.	11¾ in.	2	105	**16.10**
No. 26	31 in.	20 in.	31 in.	26 in.	14½ in.	15 in.	2	125	**18.35**
No. 27	36½ in.	23 in.	36½ in.	28 in.	15¼ in.	18½ in.	2	160	**22.25**
No. 28	40½ in.	25 in.	39 in.	32 in.	17½ in.	21 in.	4	200	**25.00**
No. 29	45 in.	30 in.	40½ in.	36 in.	22½ in.	22¼ in.	4	260	**32.75**

Nos. 24, 25 and 26 have a Top Lid, Nos. 27, 28 and 29 are made with Sliding Top.

Nos. 24 to 29.

Triumph Refrigerators.

WHITE ENAMELED LINED

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Wall, Quilted Hair Felt Insulation, Adjustable Sliding Wire Shelves, Swinging Base Board, Solid Brass Trimmings, Nickel Plated Lever Locks, Ball Bearing Casters, Automatic Drip Cup and Trap.

Fig. 1.

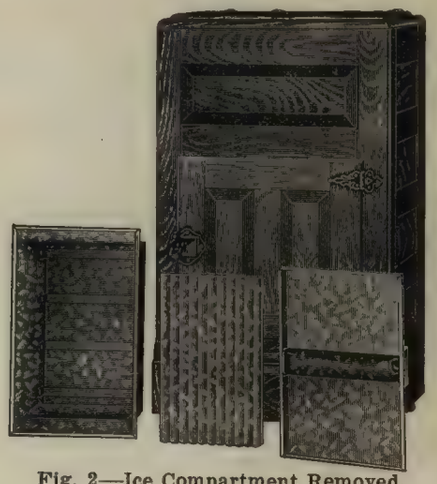


Fig. 2—Ice Compartment Removed.

Fig. 1—Illustration shows the ice receptacle partially removed. The operation of removing the same is very simple. Unscrew the drip pipe, lift out the ice holder, lift out the drip pan, and every part is accessible for cleaning. No wooden backing to ice receptacle to prevent condensation. No pans to attach by means of hooks or slides that are an endless source of trouble and annoyance. This is the simplest, most durable and strongest construction of a removable ice compartment now on the market.

Fig. 2—Illustrates all there is to the removable ice compartment. It consists of the ice receptacle with corrugated ice rack on the left and drip pan on the right. They are simple in construction and cannot get out of order. The circulation is not retarded and the result is a cold, dry atmosphere. Every part of the refrigerator is easy of access for cleaning. The ice man can, if you wish, take the ice receptacle outside, fit the piece to it and carry all into the house as you would a basket and place it in the refrigerator.

WHITE ENAMEL LINING

The Enamel is specially prepared and put on by dipping and baking two coats under high temperature, which expels all odor and makes the enamel perfectly dry and hard. This enamel can be cleaned with a sponge, dampened with water, and using a pure soap, there will be no danger of destroying or damaging the enamel.

NEW INSULATION

This line has an insulator new in refrigerator construction. It is made by quilting and sewing hair between two thicknesses of best insulating paper. The hair used is the same as is used in hair felt. This insulator cannot settle, is odorless, vermin proof, light and permanent. It combines all the qualities of air space sheathing paper and insulators that are filled into the walls of refrigerators.

REMOVABLE ICE TANK

Is made of galvanized iron, with turned edges and riveted joints. It has a center cold air discharge, the ends form complete flues, which insures perfect circulation. The construction gives 20 per cent more ice capacity than others, and will show from four to six degrees lower temperature in 30 minutes.

These inventions give 25 per cent dryer air by Hygrometer test than others can show. The ice pick does not damage the ice receptacle even if holes are knocked into it. **A strictly cleanable Refrigerator.**

DRIP PAN

The Drip Pan, being felt insulated, is a new invention and the only one that will not condense. It is double throughout and has all turned edges.

DRIP PIPE

The Drip Pipe is removable with screw air tight joint, the best one made.

CASTERS

The Casters are self-containing, ball bearing, heavy and strong.

DRIP CUP

The Drip Cup is automatic, cast iron, gravity action.

LID HOLDER

The Lid Holder is automatic.

Triumph Refrigerators.

WHITE ENAMELED LINED

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Wall, Quilted Hair Felt Insulation, Adjustable Sliding Wire Shelves, Swinging Base Board, Solid Brass Trimmings, Nickel Plated Lever Locks, Ball Bearing Casters, Automatic Drip Cup and Trap.

No. 801 to 804.

Ice Door on Top, Removable Ice Compartment. One Provision Chamber, Two Shelves.

Each

No. 801—Ice Capacity 45 Lbs., Shipping Weight 100 Lbs.....**$18.35**

Dimensions.

	Length	Depth	Height
Outside Case	22 in.	14½ in.	39½ in.
Provision Chamber	16 in.	11½ in.	14 in.

Each

No. 802—Ice Capacity 63 Lbs., Shipping Weight 120 Lbs.....**$22.25**

Dimensions.

	Length	Depth	Height
Outside Case	24 in.	15½ in.	42 in.
Provision Chamber	19½ in.	11¾ in.	16½ in.

Each

No. 803—Ice Capacity 90 Lbs., Shipping Weight 145 Lbs.....**$25.55**

Dimensions.

	Length	Depth	Height
Outside Case	26 in.	17½ in.	44 in.
Provision Chamber	21½ in.	13¼ in.	18 in.

Each

No. 804—Ice Capacity 106 Lbs., Shipping Weight 165 Lbs.....**$28.30**

Dimensions.

	Length	Depth	Height
Outside Case	30 in.	18½ in.	46 in.
Provision Chamber	25½ in.	14¾ in.	19½ in.

Ice Door on Top, Removable Ice Compartment. One Provision Chamber, Two Shelves.

Each

No. 806—Ice Capacity 134 Lbs., Shipping Weight 185 Lbs.....**$35.00**

Dimensions.

	Length	Depth	Height
Outside Case	33 in.	18½ in.	46 in.
Provision Chamber	28½ in.	14¾ in.	19½ in.

Ice Door on Top, Removable Ice Compartment. Two Provision Chambers, Two Shelves in Each.

Each

No. 809—Ice Capacity 179 Lbs., Shipping Weight 225 Lbs.....**$46.65**

Dimensions.

	Length	Depth	Height
Outside Case	37 in.	21 in.	48 in.
Provision Chambers, Each	32½ in.	16¾ in.	21¼ in.

Triumph Refrigerators.

WHITE ENAMELED LINED

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Wall, Quilted Hair Felt Insulation, Adjustable Sliding Wire Shelves, Swinging Base Board, Solid Brass Trimmings, Nickel Plated Lever Locks, Ball Bearing Casters, Automatic Drip Cup and Trap.

Ice Door in Front.

One Provision Chamber, Two Shelves.

Nos. 860, 861 and 862.

Each

No. 860—Ice Capacity 75 Lbs., Shipping Weight 145 Lbs. **$28.90**

Dimensions.

	Length	Depth	Height
Outside Case	22½ in.	16½ in.	50 in.
Provision Chamber	20¼ in.	12⅝ in.	22½ in.

One Provision Chamber, Three Shelves.

Each

No. 861—Ice Capacity 100 Lbs., Shipping Weight 160 Lbs. **$32.75**

Dimensions.

	Length	Depth	Height
Outside Case	24½ in.	16½ in.	54 in.
Provision Chamber	20¼ in.	12⅝ in.	22½ in.

Each

No. 862—Ice Capacity 145 Lbs., Shipping Weight 190 Lbs. **$37.20**

Dimensions.

	Length	Depth	Height
Outside Case	26½ in.	18½ in.	60 in.
Provision Chamber	22¼ in.	14⅝ in.	27¼ in.

No. 815.

Ice Doors in Front.

One Provision Chamber, Two Shelves.

Each

No. 815—Ice Capacity 174 Lbs., Shipping Weight 195 Lbs. **$45.55**

Dimensions.

	Length	Depth	Height
Outside Case	33 in.	21 in.	48 in.
Provision Chamber	28¼ in.	16⅝ in.	18½ in.

Ice Door in Front.

Two Provision Chambers, Four Shelves.

No. 899.

Each

No. 899—Ice Capacity 175 Lbs., Shipping Weight 225 Lbs. **$55.60**

Dimensions.

	Length	Depth	Height
Outside Case	36½ in.	18½ in.	53½ in.
Large Provision Chamber	16 in.	14½ in.	41 in.
Small Provision Chamber	16 in.	14½ in.	15 in.
Ice Chamber	15 in.	14½ in.	24 in.

Two Provision Chambers, Three Shelves.

Each

No. 983—Ice Capacity 100 Lbs., Shipping Weight 160 Lbs. **$31.10**

Dimensions.

	Length	Depth	Height
Outside Case	31 in.	16½ in.	44 in.
Ice Chamber	15 in.	14½ in.	22 in.
Provision Chamber	13½ in.	12½ in.	31 in.

Nos. 893, 895 and 897.

Each

No. 895—Ice Capacity 125 Lbs., Shipping Weight 185 Lbs. **$38.30**

Dimensions.

	Length	Depth	Height
Outside Case	34 in.	18½ in.	46 in.
Ice Chamber	15 in.	14½ in.	22 in.
Provision Chamber	15 in.	14½ in.	34 in.

Each

No. 897—Ice Capacity 150 Lbs., Shipping Weight 210 Lbs. **$46.10**

Dimensions.

	Length	Depth	Height
Outside Case	36½ in.	18½ in.	50 in.
Large Provision Chamber	16 in.	14½ in.	37 in.
Small Provision Chamber	16 in.	14½ in.	11 in.
Ice Chamber	15 in.	14½ in.	22 in.

Victor Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Wall, Zinc Lined, Sheathing Insulation, Adjustable and Removable Sliding Wire Shelves, Swinging Base Board, Removable Drip Pipe, Automatic Drip Cup and Trap, Solid Polished Brass Trimmings, Automatic Lid Hinges, Lever Handle Locks, Ball Bearing Casters.

Fig. 1.

Fig. 2—Ice Compartment Removed.

Removable Ice Compartment.

Fig. 1—Illustration shows the ice receptacle partially removed. The operation of removing the same is very simple. Unscrew the drip pipe, lift out the ice holder, lift out the drip pan, and every part is accessible for cleaning. No wooden backing to ice receptacle to prevent condensation. No pans to attach by means of hooks or slides that are an endless source of trouble and annoyance. This is the simplest, most durable and strongest construction of a removable ice compartment refrigerator now on the market.

Fig. 2—Illustrates all there is to the removable ice compartment. It consists of the ice receptacle with corrugated ice rack on the left and the drip pan on the right. They are simple in construction and cannot get out of order. The circulation is not retarded and the result is a cold dry atmosphere. Every part of the refrigerator is easy of access for cleaning. The ice man can, if you wish, take the ice receptacle outside, fit the piece to it and carry all into the house as you would a basket and place it in the refrigerator.

The Removable Ice Tank is made of galvanized iron, with turned edges and riveted joints. It has a center cold air discharge; the ends form complete flues, assuring perfect circulation. This construction gives 20 per cent more ice capacity than others, and will show from four to six degrees lower temperature in thirty minutes.

This invention gives 25 per cent dryer air by Hygrometer test than others can show. The ice pick does not damage the ice receptacle even if holes are knocked into it. A strictly cleanable Refrigerator.

The Shelves are made to slide, leaving space at ends, giving flue circulation no others have.

The Drip Pan, being felt insulated, is a new invention and the only one that will not condense. It is double throughout and has all turned edges.

The Drip Pipe is removable with screw air tight joint, the best one made.

The Casters are self-retaining, ball bearing, heavy and strong.

The Drip Cup is automatic, cast iron, gravity action.

Hardware is solid, heavy brass, nicely polished, brass screws.

Automatic Lid Holder.

Victor Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Wall, Zinc Lined, Sheathing Insulation, Adjustable and Removable Sliding Wire Shelves, Swinging Base Board, Removable Drip Pipe, Automatic Drip Cup and Trap, Solid Polished Brass Trimmings, Automatic Lid Hinges, Lever Handle Locks, Ball Bearing Casters.

Ice Door on Top, Removable Ice Compartment.

One Provision Chamber, Two Shelves.

Nos. 701 to 704.

No. 701—Ice Capacity 45 Lbs., Shipping Weight 100 Lbs. ..... Each **$16.10**

Dimensions.

	Length	Depth	Height
Outside Case	22 in.	14½ in.	39½ in.
Provision Chamber	16 in.	11½ in.	14 in.

No. 702—Ice Capacity 63 Lbs., Shipping Weight 120 Lbs. ..... Each **$19.45**

Dimensions.

	Length	Depth	Height
Outside Case	24 in.	15½ in.	42 in.
Provision Chamber	19½ in.	11¾ in.	16½ in.

No. 703—Ice Capacity 90 Lbs., Shipping Weight 145 Lbs. ..... Each **$22.75**

Dimensions.

	Length	Depth	Height
Outside Case	26 in.	17½ in.	44 in.
Provision Chamber	21½ in.	12¾ in.	18 in.

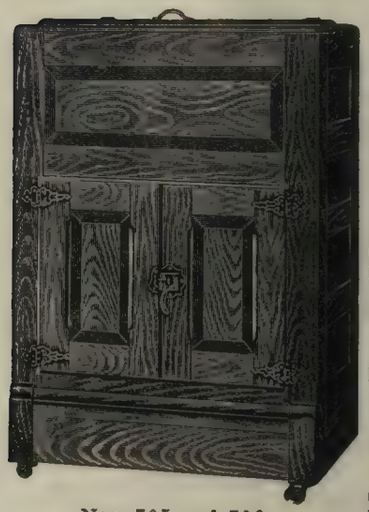
No. 704—Ice Capacity 106 Lbs., Shipping Weight 165 Lbs. ..... Each **$25.00**

Dimensions.

	Length	Depth	Height
Outside Case	30 in.	18½ in.	46 in.
Provision Chamber	25½ in.	14¾ in.	19½ in.

Ice Door on Top, Removable Ice Compartment.

One Provision Chamber, Two Shelves.



Nos. 705 and 706.

No. 705—Ice Capacity 106 Lbs., Shipping Weight 170 Lbs. ..... Each **$28.30**

Dimensions.

	Length	Depth	Height
Outside Case	30 in.	18½ in.	46 in.
Provision Chamber	25½ in.	14¾ in.	19½ in.

No. 706—Ice Capacity 134 Lbs., Shipping Weight 185 Lbs. ..... Each **$33.35**

Dimensions.

	Length	Depth	Height
Outside Case	33 in.	18½ in.	46 in.
Provision Chamber	28½ in.	14¾ in.	19½ in.

No. 709.

Ice Door on Top, Removable Ice Compartment.

Two Provision Chambers, Two Shelves in Each.

No. 709—Ice Capacity 179 Lbs., Shipping Weight 225 Lbs. ..... Each **$41.10**

Dimensions.

	Length	Depth	Height
Outside Case	37 in.	21 in.	48 in.
Provision Chambers	32½ in.	16¾ in.	21¼ in.

Victor Refrigerators.

Solid Ash Case, Golden Oak Finish, Matched Lumber Inside Wall, Zinc Lined, Sheathing Insulation, Adjustable and Removable Sliding Wire Shelves, Swinging Base Board, Removable Drip Pipe, Automatic Drip Cup and Trap, Solid Polished Brass Trimmings, Lever Handle Locks, Ball Bearing Casters.

Nos 791, 793 and 795.

Ice Door in Front, Table Top Style.

One Provision Chamber, Three Shelves.

No. 791—Ice Capacity 80 Lbs., Shipping Weight 130 Lbs. ..... Each **$24.50**

Dimensions.

	Length	Depth	Height
Outside Case	29 in.	14½ in.	40 in.
Provision Chamber	12½ in.	10½ in.	27 in.

No. 793—Ice Capacity 106 Lbs., Shipping Weight 160 Lbs. ..... Each **$27.75**

Dimensions.

	Length	Depth	Height
Outside Case	31 in.	16½ in.	44 in.
Provision Chamber	13½ in.	12½ in.	31 in.

No. 795—Ice Capacity 125 Lbs., Shipping Weight 185 Lbs. ..... Each **$32.75**

Dimensions.

	Length	Depth	Height
Outside Case	34 in.	18½ in.	46 in.
Provision Chamber	15 in.	14½ in.	34 in.

Ice Door in Front.

One Provision Chamber, Two Shelves.

No. 760—Ice Capacity 84 Lbs., Shipping Weight 145 Lbs. ..... Each **$26.65**

Dimensions.

	Length	Depth	Height
Outside Case	23 in.	17½ in.	50 in.
Provision Chamber	18¼ in.	12⅝ in.	19½ in.

No. 761—Ice Capacity 101 Lbs., Shipping Weight 160 Lbs. ..... Each **$28.90**

Dimensions.

	Length	Depth	Height
Outside Case	25 in.	17½ in.	54 in.
Provision Chamber	20¼ in.	12⅝ in.	22½ in.

One Provision Chamber, Three Shelves.

No. 762—Ice Capacity 145 Lbs., Shipping Weight 190 Lbs. ..... Each **$33.85**

Dimensions.

	Length	Depth	Height
Outside Case	27 in.	19½ in.	60 in.
Provision Chamber	22¼ in.	14⅝ in.	27¼ in.

Ice Door in Front.

Two Provision Chambers, Three Shelves.

No. 763—Ice Capacity 190 Lbs., Shipping Weight 220 Lbs. ..... Each **$41.10**

Dimensions.

	Length	Depth	Height
Outside Case	28½ in.	19½ in.	64 in.
Provision Chamber	24¼ in.	15⅝ in.	31½ in.

Grand Refrigerators.

Hardwood Case, Golden Oak Finish, Galvanized Iron Lined, Charcoal Sheathing Insulation, Sliding Adjustable Metal Shelves, Brass Trimmings, Removable Flue, Automatic Drip Cup, Ball Bearing Casters.

The accompanying diagram fully illustrates the theory of circulation in the "Grand" Refrigerators. The arrows indicate the direction of the currents of air, which are kept in constant motion by the opposing forces of heat and cold. These currents are created by the cold air from the ice chamber entering the provision room at the top; from thence it passes down and around whatever articles may be stored therein, taking on their odors and becoming more or less warmed. It is then forced by natural laws to ascend where its only outlet is through the flue at the side of the ice chamber; here it is condensed and cooled, settling down over and around the ice which lies upon a rack made of heavy, corrugated, galvanized iron; when the air comes in contact with this iron, it being as cool as the ice itself, it quickly condenses all vapors or odors that remain, thus leaving all its impurities to pass off through the drip pipe with the melted ice.

Ice Door on Top.

One Provision Chamber, Two Shelves.

No. 501—Ice Capacity 50 Lbs., Shipping Weight 100 Lbs. ..... **Each $15.00**

Dimensions.

	Length	Depth	Height
Outside Case	22 in.	14½ in.	39½ in.

No. 502—Ice Capacity 63 Lbs., Shipping Weight 120 Lbs. ..... **Each $18.90**

Dimensions.

	Length	Depth	Height
Outside Case	24 in.	15½ in.	42 in.

No. 503—Ice Capacity 90 Lbs., Shipping Weight 140 Lbs. ..... **Each $22.25**

Dimensions.

	Length	Depth	Height
Outside Case	26 in.	17½ in.	44 in.

No. 504—Ice Capacity 106 Lbs., Shipping Weight 160 Lbs. ..... **Each $24.50**

Dimensions.

	Length	Depth	Height
Outside Case	30 in.	18½ in.	46 in.

Ice Door on Top.

One Provision Chamber, Two Shelves.

No. 505—Ice Capacity 106 Lbs., Shipping Weight 170 Lbs. ..... **Each $27.75**

Dimensions.

	Length	Depth	Height
Outside Case	30 in.	18½ in.	46 in.

No. 506—Ice Capacity 134 Lbs., Shipping Weight 185 Lbs. ..... **Each $32.20**

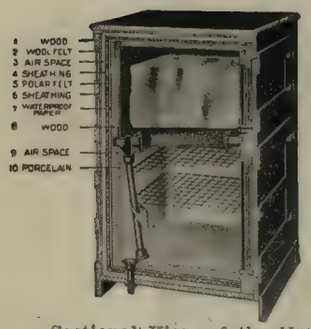
Dimensions.

	Length	Depth	Height
Outside Case	33 in.	18½ in.	46 in.

"Glacier Sanitary" Porcelain Lined Refrigerators.

Solid Oak Case, Quarter Sawed Oak Front Panels, Heavy Round Corners, Golden Oak Finish, Rubbed and Polished, Cocoa Fibre Insulation, Genuine Porcelain Lined One-Piece Provision Chamber, Galvanized Iron Lined Ice Chamber, Twelve Walls, Removable Tinned Wire Shelves, Removable Ice Rack, Flues and Drain Pipe, Nickel Plated Trimmings, Genuine Porcelain Lined.

CIRCULATION



Sectional View of the Upright Refrigerator with Removable Flues for Cleaning.

The operation of Refrigerators is illustrated by the sectional view. Ice being placed on the false bottom in the upper compartment, the air under the false bottom becomes very cold and heavy and falls through the opening into the provision chamber below, forcing the warmest air up through the flues at the ends, where it strikes the ice and is condensed and cooled. All the impurities and odors from the food below are taken out of the air as it passes over the ice and under the false bottom to continue its circuit through the provision chamber as before. The circulation is kept up as long as there is ice in the box, and results in a constant current of pure, cold, dry air, passing through the food and preserving it.

It is very important that the air in the provision chamber should be **dry**, or mould and slime will settle on the food and destroy its delicate flavor. Our Refrigerators will keep crackers and ginger snaps crisp and dry. **The Dry Air** is especially important in preserving meat and food for the table. The flues are removable so the inside walls can be easily kept clean.

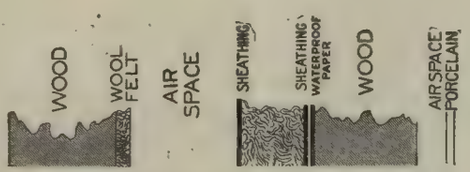
The case and insulation can never become wet or moldy because the Glacier Sanitary is equipped with a patent device for returning water to the trap in case of accidental leakage.

All refrigerator cases have smooth so-called "Table Tops," just as carefully and perfectly made as the most beautiful and expensive fancy or dining room tables. The edges of the boards are so closely united that it is almost impossible to find the lines of union, and the finish is as beautiful as that of expensive furniture.

INSULATION

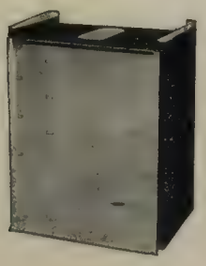
Cocoa Fibre possesses the greatest amount of insulating efficiency of any material ever used or tested for this purpose. It is a blanket held in place between two layers of insulating sheathing by stitching right through the paper and the Cocoa Fibre every six inches. It is then wrapped around the inside box and held there by wooden strips nailed through the felt tightly to the inside box. It can never settle down, as with mineral wool, or as charcoal filling does, but always remains in place, keeping the heat out and the cold in the Refrigerator in the most satisfactory manner.

You will observe that there is an extra air space next to the one-piece porcelain lining. This makes an absolutely dead air space between two surfaces, thus applying the principle of the Thermos bottle. The lining is air tight. The ten insulating walls on the outside of the air space make it practically air tight so that there is a great saving of ice.

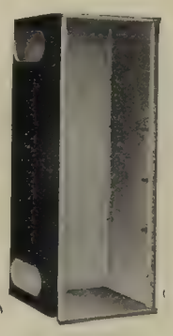


Full Sized Sectional View of One Wall of a Glacier Sanitary Refrigerator.

PORCELAIN LINING



The New One-Piece Porcelain Linings as Used in Over-Head Icing Refrigerators.



The New One-Piece Porcelain Linings as Used in Side Icing Refrigerators.

Each compartment is **all one piece.** The corners are rounded to facilitate cleaning. The compartments are connected by an Air-Tight Joint Cover, also rounded and easy to clean. The shelf supports are fastened from the outside, and they close up the holes so there is not a place for germs to hide.

When the linings are placed in the Refrigerator, they are spaced away from the inside box, making one more dead air space, thus increasing the insulation and giving a lower temperature with less consumption of ice than ever before.

"Glacier Sanitary" Porcelain Lined Refrigerators.

Solid Oak Case, Quarter Sawed Oak Front Panels, Heavy Round Corners, Golden Oak Finish, Rubbed and Polished, Cocoa Fibre Insulation, Genuine Porcelain Lined One-Piece Provision Chamber, Galvanized Iron Lined Ice Chamber, Twelve Walls, Removable Tinned Wire Shelves, Removable Ice Rack, Flues and Drain Pipe, Nickel Plated Trimmings.

Nos. G704, G774 and G705.

Ice Door in Front.

One Large and One Small Provision Chamber, Four Shelves.

Each

No. G704—Ice Capacity 95 Lbs., Shipping Weight 308 Lbs.....**$61.05**

Dimensions.

	Length	Depth	Height
Outside Case	35¼ in.	21⅛ in.	45¾ in.
Ice Chamber	14⅛ in.	15 in.	18⅜ in.
Small Provision Chamber	13¾ in.	14½ in.	10½ in.
Large Provision Chamber	13¾ in.	14½ in.	32¾ in.
Opening to Ice Chamber Door	11½ in.		16½ in.
Opening to Large Provision Chamber Door	11⅛ in.		32⅛ in.
Opening to Small Provision Chamber Door	11⅛ in.		10½ in.

Each

No. G774—Ice Capacity 120 Lbs., Shipping Weight 330 Lbs.....**$77.70**

Dimensions.

	Length	Depth	Height
Outside Case	37¾ in.	22¼ in.	47¾ in.
Ice Chamber	15½ in.	16⅛ in.	19¾ in.
Large Provision Chamber	15¼ in.	15½ in.	34 in.
Small Provision Chamber	15¼ in.	15½ in.	11¼ in.
Ice Door Opening	12⅝ in.		17¾ in.
Large Provision Door Opening	12½ in.		33¾ in.
Small Provision Door Opening	12½ in.		11 in.

One Large and One Small Provision Chamber, Two Shelves.

Each

No. G705—Ice Capacity 150 Lbs., Shipping Weight 367 Lbs.....**$90.00**

Dimensions.

	Length	Depth	Height
Outside Case	38¾ in.	22¼ in.	52¼ in.
Ice Chamber	15⅞ in.	16⅛ in.	24 in.
Large Provision Chamber	15⅝ in.	15½ in.	38¾ in.
Small Provision Chamber	15⅝ in.	15½ in.	11½ in.
Opening to Ice Chamber	13⅛ in.		21¾ in.
Opening to Large Provision Chamber	13 in.		38⅜ in.
Opening to Small Provision Chamber	13 in.		11½ in.

Ice Door in Front.

One Large and One Small Provision Chamber, Two Shelves in Large and One Shelf in Small Provision Chamber.

Each

No. G706—Ice Capacity 155 Lbs., Shipping Weight 392 Lbs.....**$97.70**

Dimensions.

	Length	Depth	Height
Outside Case	38¾ in.	22⅝ in.	55½ in.
Ice Chamber	15⅞ in.	16¼ in.	24 in.
Large Provision Chamber	15⅝ in.	15¾ in.	42 in.
Small Provision Chamber	15⅝ in.	15¾ in.	14¼ in.
Opening to Ice Chamber	13⅛ in.		22 in.
Openings to Large Provision Chamber	13⅛ in.		1x¼ in.
Opening to Small Provision Chamber	13⅛ in.		14 in.

Each

No. G707—Ice Capacity 185 Lbs., Shipping Weight 468 Lbs.....**$114.35**

Dimensions.

	Length	Depth	Height
Outside Case	40¾ in.	24¼ in.	57¾ in.
Ice Chamber	16⅞ in.	18⅛ in.	24½ in.
Large Provision Chamber	16⅝ in.	17½ in.	43½ in.
Small Provision Chamber	16⅝ in.	17½ in.	15¾ in.
Opening to Ice Chamber	14⅛ in.		22¼ in.
Openings to Large Provision Chamber	14 in.		20¼ in.
Opening to Small Provision Chamber	14 in.		15¾ in.

Each

No. G708—Ice Capacity 250 Lbs., Shipping Weight 555 Lbs.....**$142.10**

Dimensions.

	Length	Depth	Height
Outside Case	44¾ in.	26 in.	62⅝ in.
Ice Chamber	18⅞ in.	19¾ in.	27¼ in.
Large Provision Chamber	18¾ in.	19¼ in.	47¼ in.
Small Provision Chamber	18¾ in.	19¼ in.	16¾ in.
Opening to Ice Chamber	16 in.		24⅞ in.
Two Door Openings	16 in.		21½ in.
Opening to Small Provision Chamber	16 in.		16⅜ in.

Nos. G706, G707 and G708.

"Glacier Sanitary" Porcelain Lined Refrigerators.

Solid Ash Case, Round Corners, Raised Front Panels, Golden Oak Finish, Wool Felt and Charcoal Sheathing Insulation, Eight Walls, Genuine Porcelain Lined One-Piece Provision Chambers, Galvanized Iron Lined Ice Chamber, Removable Tinned Wire Shelves, Removable Ice Rack, Drain Pipe and Trap, Nickel Plated Trimmings, Genuine Porcelain Lined.

Ice Door on Top.

One Provision Chamber, Two Shelves.

No. 7400—Ice Capacity 45 Lbs., Shipping Weight About 168 Lbs. ..... **$32.25** Each

Dimensions.

	Length	Depth	Height
Outside Case	25¾ in.	17 in.	42⅜ in.
Ice Chamber	17¼ in.	10¾ in.	9¾ in.
Provision Chamber	19¾ in.	10¾ in.	17 in.

No. 7401—Ice Capacity 70 Lbs., Shipping Weight About 206 Lbs. ..... **$40.00** Each

Dimensions.

	Length	Depth	Height
Outside Case	27¾ in.	18⅛ in.	45¾ in.
Ice Chamber	19¼ in.	12 in.	12 in.
Provision Chamber	21⅜ in.	11⅜ in.	18¼ in.

No. 7402—Ice Capacity 80 Lbs., Shipping Weight About 233 Lbs. ..... **$46.65** Each

Dimensions.

	Length	Depth	Height
Outside Case	30⅝ in.	19½ in.	47⅜ in.
Ice Chamber	22¼ in.	13¼ in.	11 in.
Provision Chamber	24¼ in.	12¾ in.	20¼ in.

No. 7415.

Ice Door in Front.
Two Provision Chambers, Three Shelves.

No. 7403—Ice Capacity 60 Lbs., Shipping Weight About 224 Lbs. ..... **$46.65** Each

Dimensions.

	Length	Depth	Height
Outside Case	32¾ in.	18¾ in.	42¼ in.
Ice Chamber	12⅞ in.	12⅝ in.	15½ in.
Large Provision Chamber.	12⅝ in.	12 in.	27½ in.
Small Provision Chamber.	12⅝ in.	12 in.	8¾ in.

No. 7404—Ice Capacity 70 Lbs., Shipping Weight About 248 Lbs. ..... **$51.10** Each

Dimensions.

	Length	Depth	Height
Outside Case	33¾ in.	18⅞ in.	45¼ in.
Ice Chamber	13¾ in.	12¾ in.	17¼ in.
Large Provision Chamber.	13¼ in.	12¼ in.	31½ in.
Small Provision Chamber.	13¼ in.	12¼ in.	10¼ in.

Two Provision Chambers, Four Shelves.

No. 7405—Ice Capacity 80 Lbs., Shipping Weight About 265 Lbs. ..... **$55.60** Each

Dimensions.

	Length	Depth	Height
Outside Case	34¾ in.	19¼ in.	46¾ in.
Ice Chamber	13¾ in.	13¼ in.	19½ in.
Large Provision Chamber.	13⅜ in.	12½ in.	33 in.
Small Provision Chamber.	13⅜ in.	12½ in.	9⅞ in.

No. 7406—Ice Capacity 115 Lbs., Shipping Weight About 304 Lbs. ..... **$62.20** Each

Dimensions.

	Length	Depth	Height
Outside Case	37¼ in.	20 in.	50¾ in.
Ice Chamber	15¼ in.	13¾ in.	23¼ in.
Large Provision Chamber.	15 in.	13¼ in.	37 in.
Small Provision Chamber.	15 in.	13¼ in.	10¼ in.

Two Provision Chambers, Five Shelves.

No. 7407—Ice Capacity 145 Lbs., Shipping Weight About 335 Lbs. ..... **$75.50** Each

Dimensions.

	Length	Depth	Height
Outside Case	38¾ in.	21⅞ in.	52½ in.
Ice Chamber	16 in.	15¾ in.	23⅜ in.
Large Provision Chamber.	15½ in.	15¼ in.	39½ in.
Small Provision Chamber.	15½ in.	15¼ in.	12¼ in.

Ice Door in Front.
Two Provision Chambers, Six Shelves.

No. 7415—Ice Capacity 250 Lbs., Shipping Weight About 525 Lbs. ..... **$120.00** Each

Dimensions.

	Length	Depth	Height
Outside Case	44¾ in.	26 in.	62⅝ in.
Ice Chamber	18⅞ in.	19¾ in.	27¼ in.
Large Provision Chamber	18¾ in.	19¼ in.	47¼ in.
Small Provision Chamber	18¾ in.	19¼ in.	16¾ in.

"Glacier Sanitary" Porcelain Lined Refrigerators.

Solid Ash Case, Round Corners, Raised Front Panels, Golden Oak Finish, Wool Felt and Charcoal Sheathing Insulation, Eight Walls, Genuine Porcelain Lined One-Piece Provision Chambers, Galvanized Iron Lined Ice Chamber, Removable Tinned Wire Shelves, Removable Ice Rack, Drain Pipe and Trap, Nickel Plated Trimmings, Genuine Porcelain Lined.

Ice Door in Front.

Two Provision Chambers, Four Shelves.

Each

No. 7416—Ice Capacity 395 Lbs., Shipping Weight About 681 Lbs. **$184.30**

Dimensions.

	Length	Depth	Height
Outside Case	50 in.	28⅝ in.	70 in.
Ice Chamber	20 in.	22 in.	36¼ in.
Large Provision Chamber	20 in.	22 in.	57 in.
Small Provision Chamber	20 in.	22 in.	16½ in.

Ice Door in Front.

One Provision Chamber, Two Shelves.

Each

No. 7409—Ice Capacity 125 Lbs., Shipping Weight About 282 Lbs. **$54.40**

Dimensions.

	Length	Depth	Height
Outside Case	30¾ in.	20¾ in.	52¾ in.
Ice Chamber	22¼ in.	14⅜ in.	16 in.
Provision Chamber	24½ in.	14⅛ in.	20 in.

Ice Door in Front.

One Provision Chamber, Two Shelves.

Each

No. 7410—Ice Capacity 70 Lbs., Shipping Weight About 224 Lbs. **$44.50**

Dimensions.

	Length	Depth	Height
Outside Case	24¾ in.	19 in.	52¾ in.
Ice Chamber	16⅜ in.	12⅞ in.	13½ in.
Provision Chamber	18½ in.	12⅜ in.	23¼ in.

Ice Door in Front.

One Provision Chamber, Three Shelves.

Each

No. 7412—Ice Capacity 130 Lbs., Shipping Weight About 297 Lbs. **$62.20**

Dimensions.

	Length	Depth	Height
Outside Case	30½ in.	20 in.	60 in.
Ice Chamber	22⅛ in.	13⅞ in.	17 in.
Provision Chamber	24⅜ in.	13¼ in.	26½ in.

Kitchen Cabinets.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings, Interior of Top Compartments White Enameled, Drop Roll Curtain.

Each

No. 85/90—Height 6 ft., Width 4 ft. 8½ in., Depth 27 in. Closed, 38 in. Open, Tilting Metal Flour Bin, Swinging Glass Sugar Bin, 7 Piece Set of Glass Jars, Portable Metal Cake Compartment with Metal Door and Wire Shelves, 1⅛ in. Thick Bolted Sliding Maple Top, All Metal Bread and Cake Drawer with Automatic Sliding Metal Lid, Extra Heavy Banded Sliding Cutting Board, Two Sliding Galvanized Trays and Wire Shelf in Base.....**$65.50**

Weight Each, Crated, About 300 Pounds.

NOTE—For Sliding Nicolene Top, Add **$2.80** Extra.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings, Side Roll Curtain.

Each

No. 76/16—Height 68 in., 27x40 in. Sliding Nicolene Top, Tilting Metal Flour Bin, Swinging Glass Sugar Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray and Wire Shelf in Base.....**$48.10**

Weight Each, Crated, About 230 Pounds.

Note—For White Enameling Interior of Top Compartments, Add **$3.35** Extra.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings, Drop Roll Curtain.

Each

No. 74/16—Height 68 in., 27x40 in. Sliding Nicolene Top, Tilting Metal Flour Bin, Swinging Glass Sugar Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray and Wire Shelf in Base.....**$49.20**

Weight Each, Crated, About 230 Pounds.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No. 71/16—Height 68 in., 27x40 in., Sliding Nicolene Top, Tilting Metal Flour Bin, Glass Sugar Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray and Wire Shelf in Base....**$47.00**

Weight Each, Crated, About 230 Pounds.

NOTE—For White Enameling Interior of Top Compartments, Add **$3.35** Extra.

Kitchen Cabinets.

Oak.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No. 21-25—Height 66 in., 25x40 in. Sliding Nicolene Top, Tilting Metal Flour Bin, 7 Piece Set of Glass Jars, Sliding Galvanized Tray in Base.....**$40.00**

Weight Each, Crated, 200 Pounds.

For White Enameling Interior of Top Compartment Add **$3.35** Extra.

Oak Front.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No. 40-12—Height 70 in., 25x42 in. Top, Tilting Metal Flour Bin, Galvanized Bottom in Base.....**$26.50**

Weight Each, Crated, 180 Pounds.

For Nicolene Top Add **$2.80** Extra.
For White Enameling Interior of Top Compartments Add **$3.35** Extra.

Oak Front.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No. 47-8—Height 58 in., 26x42 in. Top.....**$20.00**

Weight Each, Crated, 145 Pounds.

For Nicolene Top Add **$2.80** Extra.
For White Enameling Interior of Top Compartment Add **$3.35** Extra.

Oak Front.

Golden Oak Finish, Waxed, Nickel Plated Trimmings.

Each

No. 46-6½—Height 58 in., 26x42 in. Top.....**$18.35**

Weight Each, Crated, 145 Pounds.

For Nicolene Top Add **$2.80** Extra.
For White Enameling Interior of Top Compartment Add **$3.35** Extra.

Water Coolers.

Nickel Plated Self-Closing Push Button Faucet. Japanned, Assorted Colors, Fancy Decorations, Galvanized Iron Lined, Solid Filled Walls, Side Handles.

Nos.	02	03	04	06	08	010	014
Gallons	2	3	4	6	8	10	14
Wt. Each, Lbs.	22	26	31	48	58	67	77
Each	$2.35	2.80	3.50	4.15	5.15	6.35	8.35

One in a Box.

Nickel Plated Self-Closing Push Button Faucet. Heavy, Japanned, Assorted Colors, Decorated, Seamless White Enameled Lining, Solid Filled Walls, Side Handles.

Nos.	22	33	44	66	88	1010
Gallons	2	3	4	6	8	10
Wt. Each, About, Lbs.	22	26	31	48	58	67
Each	$4.25	4.90	6.15	8.15	10.00	10.80

Nickel Plated Lever Faucet.

Japanned, Assorted Colors, Decorated, Galvanized Iron Reservoir and Ice Cylinder, Side Handles.

Nos.	804	806	808	810	812
Height, Inches	24½	28	30	33½	34¾
Diam. Base, Inches	12½	14½	16	16¾	18
Gallons	2¼	3¾	5	6	7
Weight Each, Lbs.	35	45	60	80	90
Each	$7.80	9.50	11.70	13.90	16.15

One in a Box.

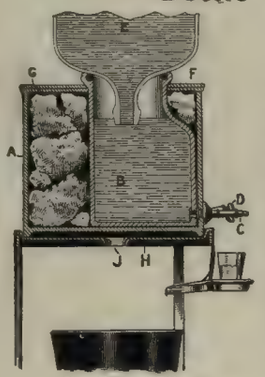
Cooler Stands.

Japanned, Assorted Colors, Decorated.

Nos.	14	15	16
To Fit Coolers, Gallon	2, 3	4, 6	8, 10, 14
Diameter of Top, Inches	14	15⅜	19½
Weight Each, Lbs.	11	16	25
Each	$4.50	5.15	5.80

One in a Box.

Bottle Water Coolers.



Sectional View.

Construction.

(See Sectional View): A—Indurated Fibre Container, with Ice. B—Vitreous-Porcelain Jar, glazed both inside and out. C—Automatic "C & H" Faucet, connected direct to jar. D—Drip Faucet for waste water from melting ice. E—Demijohn partly filled with water. (Not furnished with cooler except at an extra cost.) F—Rubber Gasket supporting Demijohn and protecting jar. G—Removable portion of container cover. H—Fibre Tray under Cooler. J—Opening in Tray which allows any sweat from the cooler to drip into waste bucket of stand.

No. 57.

Without Water Bottle.

	Each
No. 57—For 5 or 3 Gallon Bottles, Mahogany Finish Ice Container, Nickel Plated Drain and Waste, Ice Capacity 15 to 20 Lbs., Weight Each About 18 Lbs.	$13.30
No. 570—For 5 or 3 Gallon Bottles, Mahogany Finish Ice Container, Stand and Bucket, Steel Stand with Glass Ball Feet, Nickel Plated Drip Cup, Drain Faucet and Waste Faucet, Ice Capacity 15 to 20 Lbs., Weight Each About 30 Lbs.	17.20

No. 570.

Green Glass Bottles.

	Each
3 Gallon Bottles, for Above Coolers, Weight Each 12 Lbs.	$1.40
5 Gallon Bottles, for Above Coolers, Weight Each 15 Lbs.	1.56

Ice Cream Freezers.

WHITE MOUNTAIN

Triple Motion, White Pine Tubs, Tinned Inside Parts, Galvanized Outside Parts, Duplex Malleable Iron Dasher, Double Self-Adjusting Scraper, Best Charcoal Tin Plate Can, Improved Covered Gearing.

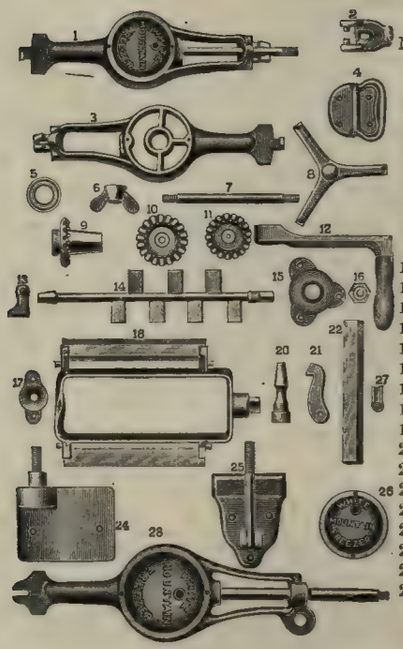
Quarts	1	2	3	4	6	8	10	12
Weight Each, Lbs.	6	12	14½	16	24	27	30	48½
Each	$2.80	3.60	4.25	4.90	6.25	8.00	9.35	13.00

Per Dozen

White Mountain Junior—Capacity 1 Pint, Single Motion, White Pine Tub, Shellacked, Bound with Three Brass Hoops, Polished, Bright Tin Plated Castings, to Prevent Rust, Covered Gearing.....$24.00

REPAIRS FOR WHITE MOUNTAIN HAND FREEZERS

Discount on Application.



No.	Name of Part. Quarts	1	2	3	4	6	8	10	12	15	20	25
1	Gear Frame with Gears (1 to 10 qt.)	$0.50	0.85	0.90	0.95	1.60	1.70	1.75	....	....	....	....
2	Small Ear	.10	.16	.16	.16	.20	.20	.20	....	....	....	....
3	Gear Frame without Gears	.20	.35	.40	.45	.75	.85	.90	1.35	1.45	1.50	1.90
4	Tub Handle	....	....	....	....	....	....	22	.28	.28	.28	.28
5	Ring for Cover of Can	.06	.08	.08	.08	.08	.08	.08	.14	.14	.14	.20
6	Thumb Nut	....	....	....	....	....	....	....	.10	.10	.10	.10
7	Shaft	.08	.10	.10	.14	.22	.22	.22	.36	.36	.44	.64
8	Can Socket	.08	.10	.14	.14	.14	.22	.22	.28	.28	.28	.50
9	Shank Gear	.08	.22	.22	.22	.44	.44	.44	.72	.72	.72	.94
10	Top Gear	.08	.14	.14	.14	.28	.28	.28	.50	.50	.50	.80
11	Screw Gear	.08	.14	.14	.14	.22	.22	.22	.36	.36	.36	.44
12	Crank	.14	.22	.22	.28	.28	.28	.28	.72	.72	.72	.80
13	Catch	.06	.08	.08	.08	.08	.08	.08	....	....	....	....
14	Inside Beater	.10	.12	.15	.18	.22	.28	.35	.55	.60	.70	1.00
15	Large Center	....	....	....	....	....	....	....	.14	.14	.14	.14
16	Shaft Nut	....	....	....	....	....	....	....	.08	.08	.08	.08
17	Small Center	.06	.08	.08	.08	.08	.08	.08	....	....	....	....
18	Outside Beater	.14	.20	.25	.30	.42	.50	.60	.75	.80	1.05	1.30
20	Spindle	.06	.08	.08	.08	.22	.22	.22	.28	.28	.28	.44
21	Small Latch	.06	.08	.08	.08	.08	.08	.08	....	....	....	....
22	Wood Scraper	.06	.08	.08	.08	.08	.08	.08	.14	.14	.14	.22
24	Large Ear (12 to 25 qt.)	....	....	....	....	....	....	....	.72	.72	.72	.72
25	Large Latch (12 to 25 qt.)	....	....	....	....	....	....	....	.44	.44	.44	.44
26	Gear Cap	.06	.14	.14	.14	.28	.28	.28	.44	.44	.44	.50
27	Wood Scraper Holder	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
28	Gear Frame with Gears (12 to 25 qt.)	....	....	....	....	....	....	....	2.80	2.95	3.10	4.00

Order by Registered Number of Repair, and Always State Size of Freezer for which Repair Part is Wanted.

The minimum charge on any invoice for repairs only will be 10 cents.

HOTEL AND CONFECTIONERS'

With Fly Wheel.

Especially Adapted for Hotels, Cafes, Ice Cream Parlors, Etc. Triple Motion, White Pine Tubs, Tinned Inside Parts, Galvanized Outside Parts, Duplex Malleable Iron Dasher, Double Self-Adjusting Scraper, Best Charcoal Tinplate Can, Improved Covered Gearing.

Quarts	10	12	15	20	25
Weight Each, Lbs.	45	74	80	97	125
Each	$13.50	18.00	20.60	25.80	32.90

The Can of the White Mountain Freezer moves from right to left, the outside beater moves from left to right, scrapes with its wooden bars the frozen cream from the can and throws it towards the center, where it is met by the floats of the inside beater moving in an opposite direction and returned to the inside surface of the can to be refrozen. The triple motion thus induced keeps the cream constantly moving and ensures every particle being smoothly and evenly frozen.

Ice Cream Freezers.

NEW PLATFORM **WHITE MOUNTAIN** **SAMSON POWER**

Triple Motion.

Galvanized Cast Iron Platform, Stand and Frame, Possesses all the Features of the Famous White Mountain Freezers.

With Fly Wheel.

Quarts	15	20	25
Weight Each, Lbs.	130	150	210
Each	$36.00	43.50	50.30

With One Pulley, For Power.

Quarts	15	20	25
Weight Each, Lbs.	135	145	200
Each	$43.30	50.00	57.80

The pulley is 16x4¾ in., and the freezer should be operated at a speed of 75 revolutions per minute.

Triple Motion.

Cast Iron Platform and Stand, Heavy, Durable Four Hooped Tub, Heaviest Tin Plate Can, Tinned Malleable Iron Beaters, Self-Adjusting Wood Scraping Bars.

With Tight and Loose Pulleys.

Quarts	25	40
Pulleys Inches	24x4¼	24x4¼
Weight Each, Lbs.	320	470
Each	$96.60	130.50

The Freezer should be operated at a speed of about 75 revolutions per minute.

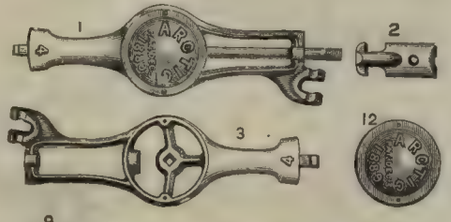
(New Platform and Samson Freezers Shipped Direct from Factory.)

ARCTIC

Single Motion.

White Pine Tub, Flat Galvanized Iron Hoops, Charcoal Tin Plate Can, Tin Plated Cast Iron Cover, Tinned Iron Beaters, Self-Adjusting Wood Scraping Bars, Covered Gearing.

Quarts	1	2	3	4	6	8	10
Weight Each, Lbs.	6	10½	12½	14	18½	22	23
Each	$2.50	2.90	3.35	4.00	5.15	6.60	8.50

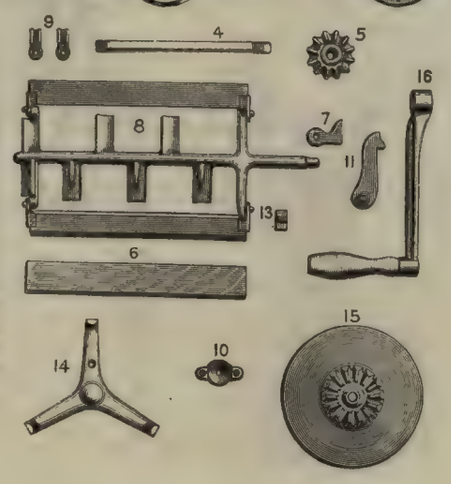


The Improved Arctic is a single motion freezer with all the White Mountain thoroughness of construction and quality of material which can be offered to those who desire an absolutely reliable Ice Cream Freezer at a lower cost than the White Mountain.

REPAIRS FOR IMPROVED ARCTIC FREEZERS

Discount on Application.

No.	Name of Part.	Quarts.	1	2	3	4	6	8	10	12	15
1	Gear Frame, with Gears		$0.32	0.45	0.50	0.55	0.70	0.80	0.85	1.70	2.00
2	Ear		.08	.10	.10	.10	.14	.14	.14	.24	.30
3	Gear Frame without Gears		.20	.28	.32	.38	.50	.55	.60	1.10	1.20
4	Shaft		.08	.14	.14	.14	.22	.22	.22	.36	.36
5	Screw Gear		.08	.10	.10	.10	.14	.14	.14	.36	.36
6	Wood Scraper		.06	.08	.08	.08	.08	.08	.08	.14	.14
7	Catch		.06	.08	.08	.08	.08	.08	.08	.14	.14
8	Beater Com., with Wood		.10	.15	.20	.25	.30	.35	.40	.75	.80
9	Wood Scraper Holder		.06	.06	.06	.06	.06	.06	.06	.06	.06
10	Center		.06	.08	.08	.08	.08	.08	.08	.14	.14
11	Latch		.06	.08	.08	.08	.08	.08	.08	.14	.14
12	Gear Cap		.08	.14	.14	.14	.16	.16	.16	.28	.28
13	Can Stop		.06	.06	.06	.06	.06	.06	.06	.06	.06
14	Can Socket		.06	.08	.10	.12	.14	.14	.16	.20	.20
15	Can Cover		.20	.26	.30	.36	.40	.50	.60	.72	.88
16	Crank		.14	.22	.22	.28	.28	.28	.28	.72	.72



Order by registered number of repair, and always state size of Freezer for which repair part is wanted.

The minimum charge on any invoice for repairs only will be 10 cents.

Ice Cream Freezers.

LIGHTNING HAND

With Crank.

Quadruple Motion, White Cedar Tub, Automatic Twin Scrapers and Wheel Dasher, Tinned Inside Parts, Galvanized Outside Parts, Electric Welded Wire Hoops, Drawn Steel Bottom Can.

Quarts	1	2	3	4	6
Ap. Weight Each, Lbs.	7¾	10	11¾	14¼	18¾
Each	$2.70	3.15	3.70	4.50	5.75

Quarts	8	10	12	14
Ap. Weight Each, Lbs.	24¼	29½	32½	41
Each	$7.25	9.35	11.15	12.80

Lightning Hand.

JUMBO LIGHTNING

With Clutch and Fly Wheel, for Hotels, Restaurants, Confectioners, Etc.

Quarts	14	20
Ap. Weight Each, Lbs.	63	96
Each	$18.90	26.65

Jumbo Lightning.

Ice Cream Freezers.

*BLIZZARD

Single Motion.

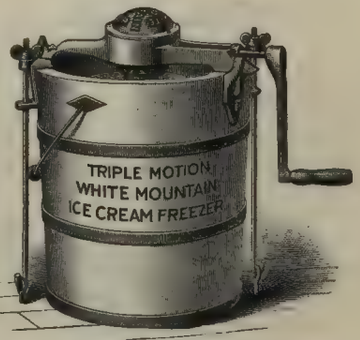
White Cedar Tub, Electric Welded Wire Hoops, Automatic Twin Scrapers, Heavy Tin Plate Can, with Drawn Steel Bottom, Tinned Inside Parts, Galvanized Outside Parts, Covered Gearing.

Quarts	1	2	3	4	6
Ap. Weight Each, Lbs.	6¼	8¾	10¼	12¾	17
Each	$2.50	2.90	3.35	4.00	5.15

Quarts	8	10	12	14
Ap. Weight Each, Lbs.	21	27½	29¼	32¼
Each	$6.60	8.50	10.00	11.50

***Not Carried in Stock, Shipped from Factory Only.**

Freezer Clamps.



Wrought Iron, Galvanized.

For Freezers, Quarts	2	3	4	6	8	10
Per Pair	$0.56	.56	.56	.56	.56	.56

A simple and perfect device for holding the Freezer firm and steady while freezing. It consists of two iron rods, furnished with clamps at upper end, and attached to tub by thumb screws, lower end is furnished with hooks which slip into screw eyes.

Freezer Cans.

FOR WHITE MOUNTAIN FREEZERS

Complete with Cover.

Quarts	1	2	3	4
Ap. Wt. Ea., Lbs.	1	1¼	1½	2
Each	$0.78	1.20	1.35	1.62

Quarts	6	8	10	12
Ap. Wt. Ea., Lbs.	2½	3	3½	5½
Each	$2.02	2.65	3.40	4.22

Quarts	15	20	25
Ap. Wt. Ea., Lbs.	6	8	10½
Each	$5.15	6.25	8.36

Ice Cream Dishers.

Heavy Steel, Tinned.

Nos.	4	5	6	8	10
No. of Dishes to Quart	4	5	6	8	10
Ap. Wt. Per Dozen, Lbs.	4¼	4	3	3	2¾
Per Dozen	$2.50	2.50	2.50	2.50	2.50

No. 31—AUTOMATIC, Bronze Metal, Handsomely Polished and Nickel Plated, German Silver Bowl and Scraper, Wood Handle.

No. Dishes to Quart	8	12	16	20
Ap. Wt. Per Dozen, Lbs.	12	12	12	12
Per Dozen	$33.35	33.35	33.35	33.35

Ice Tongs.

Cast Steel, Swell Handles, Painted Red.

Per Dozen

No. 1—Opens 13 in., for Family Use, Weight Per Dozen About 46 Lbs. **$16.10**

No. 2—Opens 18 in., for Dealers' use, Weight Per Dozen About 53 Lbs. **17.80**

No. 3—Opens 24 in., for Wagon Use, Weight Per Dozen About 70 Lbs. **21.10**

No. 10—Opens 13 in., Light Pattern, Steel Pointed, Tinned, for Family Use, Weight Per Dozen About 18½ Lbs.... **8.35**

Steel, Black Japanned.

Per Dozen

No. 347—Opens 14½ in., for Family Use **$2.25**

Weight Per Dozen About 8½ Pounds.

CLIMAX, Solid Cast Steel.

Per Dozen

No. 18—Opens 18 in., Iron Handles, for Family Use, Weight Per Dozen About 30½ Lbs.. **$9.45**

No. 24—Opens 24 in., Wood Handles, for Dealers Use, Weight Per Dozen About 44 Lbs.. **15.00**

No. 28—Opens 28 in., Wood Handles, for Wagon Use, Weight Per Dozen About 48 Lbs.. **16.70**

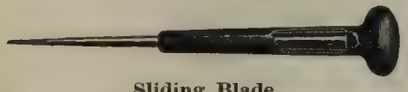
Ice Picks.

Per Dozen

No. 50—10½ in. Long, Finest Quality Steel Blade, Needle Point, Iron Ferrule, Hardwood Handle, Natural Finish **$2.00**

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.



Sliding Blade.

Per Dozen

No. 19—8 in. Tempered Steel Blade, Cast Hollow Handle, Full Nickel Plated..... **$4.50**

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

Per Dozen

No. D—Hurwood, 5½ in., One Piece Fine Crucible Steel Blade, Needle Point, Polished Ferrule, Hexagonal Iron Band Around Handle, Ebonized Handle **$6.15**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Per Dozen

No. 104—7 in. Long, Hardwood Tempered Steel Blade, Taper Point, Cast Handles, Nickel Plated **$3.70**

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

Ice Chisels.

Per Dozen

No. 75—8 in. Long, Steel Blade, Polished Wood Handle, Tinned Iron Band..... **$1.90**

Weight Per Dozen About 11 Pounds.

One Dozen in a Box.

Per Dozen

No. 389—10 in. Long, Heavy Steel Blade, Nickel Plated, Oak Handle, Polished, Nickel Plated Iron Cap..... **$2.70**

Weight Per Dozen About 18 Pounds.

One Dozen in a Box.

Ice Chisels.

"D" Handle.

Per Dozen

No. 158—41 in. Long Over All, 4½ in. Wide, Steel Blade, Malleable D Handle..... **$17.80**

Weight Per Dozen About 50 Pounds.

One-quarter Dozen in a Box.

Bar Ice Shaves.

Cast Steel Blade, Hardwood Handle.

Nos.	2	3	4
Length of Blade, Inches.....	6	8	10
Length of Handle, Inches....	8	10	12
Approx. Wt. Per Dozen, Lbs..	12	18	25
Per Dozen	**$8.90**	**13.35**	**16.10**

One-quarter Dozen in a Box.

Ice Shaves.

GEM

Per Dozen

No. 20—6 in. Long, Cast Iron Case, Galvanized, Cast Steel Blade **$7.25**

A simple and efficient tool for shaving and collecting ice from blocks without removing same from refrigerator.

Weight Per Dozen About 26 Pounds.

One Dozen in a Box.

Ice Chippers.

HALSEY'S

Per Dozen

No. 25—9 in. Long, Improved, Sheet Steel Frame, Tool Steel Needle Points, Oil Tempered, Tinned, Polished Wood Handle **$4.50**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

CROWN

Per Dozen

No. 40—10 in. Long, Cast Steel Blade, Polished, Galvanized Iron Guard, Polished Wood Handle **$7.25**

A simple and efficient tool for chipping ice for ice cream freezers, soda fountains, etc.

Weight Per Dozen About 20 Pounds.

One Dozen in a Box.

Lemon Squeezers.

Per Dozen
No. 1—Manny's, 4 in. Diameter, Glass, for Use with Tumbler.**$0.90**

Weight Per Dozen About 4½ Pounds.

One-third Dozen in a Box.

Per Dozen
No. 2—Manny's, 6 in. Diameter, Glass, for Use without Tumbler **$1.70**

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box.

Per Dozen
No. 10—10 in. Long, 2 in. Cup, Plain Finish Maple, Straight Sides **$2.25**

Weight Per Dozen About 8 Pounds.

Three Dozen in a Box.

Per Dozen
No. 593—9 in. Long, Extra Heavy, Malleable Iron, Tinned **$2.25**

Weight Per Dozen About 12 Pounds.

One-half Dozen in a Box.

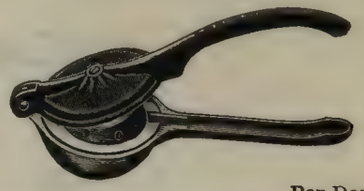
Per Dozen
No. 291—9½ in. Long, Cast Iron Frame, Japanned, **Glass Cup**.**$5.00**
No. 12—9½ in. Long, Cast Iron Frame, Japanned, **Cast Aluminum** Cup **6.70**

Weight Per Dozen About 25 Pounds.

One-half Dozen in a Box.

EXTRA CUPS

Per Dozen
No. 292—Glass Cups, for No. 291 Lemon Squeezers **$1.70**



Per Dozen
No. 295—9 in. Long, Cast Iron Frame, Japanned, **Porcelain** Cup, Hardwood Ball.....**$4.15**
No. 11—9 in. Long, Cast Iron Frame, Japanned, **Cast Aluminum** Cup **6.70**

Weight Per Dozen About 21 Pounds.

One-half Dozen in a Box.

EXTRA CUPS

Per Dozen
No. 296—Porcelain Cups, for No. 295 Squeezers **$1.70**

Can Openers.

NEVERSLIP PATTERN

Per Dozen
No. 15—5½ in. Long, Tempered Tool Steel Blade, Nickel Plated, Japanned Handle...**$1.45**

Weight Per Dozen About 2½ Pounds.

One Dozen in a Display Box.

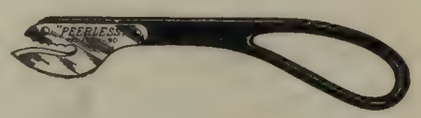
SPRAGUE

Per Dozen
No. 2—6½ in. Long, Polished Steel Blade, Corrugated Grip, Nickel Plated, Hard Wood Handle **$0.80**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

PEERLESS



Per Dozen
No. 20—6¼ in. Long, Tempered Cutlery Steel Blade, Nickel Plated, Japanned Iron Handle, for Round or Square Cans **$1.70**

Weight Per Dozen About 4½ Pounds.

One Dozen in a Display Box.

COMMON

Per Dozen
No. 5—5½ in. Long, Cast Steel Blade, Polished, Japanned Iron Handle **$0.56**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

THE BEST

Per Dozen
No. 31—5¾ in. Warranted Cast Steel Blade, Oil Tempered, Nickeled Frame, Riveted, with Folding Cork Puller, Milk Cap and Crown Seal Lift **$1.45**

Weight Per Dozen About 2 Pounds.

One Dozen in a Display Box.

WOOD'S

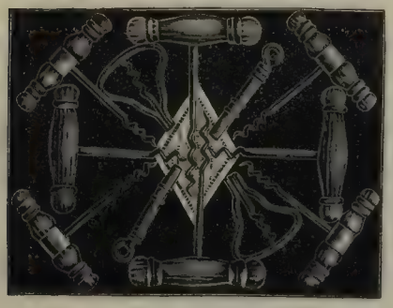
Per Dozen
No. 100—10 in. Long, Two Oil Tempered Cutlery Steel Cutters, Blued, Drop Forged Cold Rolled Steel Shank, Nickel Plated and Burnished, Cherry Stained Handle, for Round or Square Cans.....**$2.80**

Weight Per Dozen About 3 Pounds

One Dozen in Fancy Display Box.

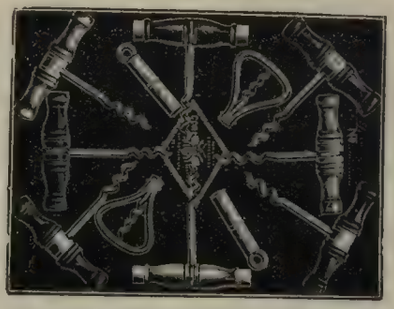
Cork Screws.

ASSORTED ON CARDS



Per Card

No. 50—Cast Steel, Spiral Twist, Assorted Nickel Plated and Wood Handles and Nickel Plated Pocket..**$3.00**
Weight Per Card About 1½ Pounds.



Per Card

No. 150—Cast Steel, Spiral Twist, Assorted Wood Handles and Pocket.....**$1.70**
Weight Per Card About 1½ Pounds.

One Dozen on a Card.

Newire.

Per Dozen

No. 10—5 in. Long, Solid Wood Handle, Twisted Wire Shank, Steel Screw Point, Protected by a Wooden Shield **$0.56**
Weight Per Dozen About 1¼ Pounds.
One Dozen in a Box.

Nickel Plated.

Per Dozen

No. 6146—5½ in. Long, Tempered Norway Steel Spiral Forged Screw, Maple Handle.....**$1.70**

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Nickel Plated.

Per Dozen

No. 1444—5¼ in. Long, Crucible Steel Spiral Forged Screw, Solid Rosewood Handle.....**$2.80**

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

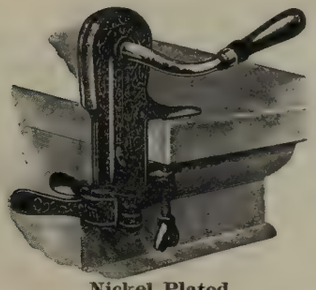
Nickel Plated.

Per Dozen

No. 8082—5½ in. Long, Combined Cork Extractor, Crown Opener, Seal Lifter and Wire Breaker, Tempered Norway Steel, Maple Handle, to Extract Cork, Keep Turning, Need Not Pull **$5.00**
Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

Cork Pullers.

CHAMPION



Nickel Plated.

Each

No. 1—5 in. High Above Counter when Set up, Cork Puller and Recorker, Cast Iron Frame, Engraved in Handsome Design, Worm and All Working Parts Are of Best Grade of Tool Steel, with Improved Bottle Holding Clamp.....**$5.60**

Weight Each About 6 Pounds.
One in a Box.

QUICK AS A WINK

Nickel Plated.

Per Dozen

No. 15—3¾ in. Long, Clock Spring Steel Tines, Nickel Plated Ferrule and Shield, Wood Handle....**$4.50**

Slides into the bottle and twists the cork out in a jiffy. No straining or pulling. Always takes the cork out whole and prevents the contents from foaming over.

Weight Per Dozen About 1 Pound.
One Dozen in a Box.

Bath Room Fixtures.

Solid Brass, Heavily Nickel Plated.

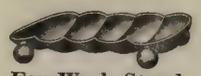
SLAB SOAP DISHES

For Wash Stand.

Per Dozen

No. 61—4⅝ in. Long, 3⅝ in. Wide, with Removable Drains **$11.65**

Weight Per Dozen About 6 Pounds.



For Wash Stand. Per Dozen

No. 59—4½ in. Long, 3¼ in. Wide, Corrugated Pattern, Highly Polished **$5.00**

Weight Per Dozen About 2¼ Pounds.

One-half Dozen in a Box

WALL SOAP DISHES

For Wall.

Per Dozen

No. 62—4½ in. Long, 3 in. Wide, Shell Pattern, One Piece, Highly Polished **$4.50**

Weight Per Dozen About 3½ Pounds.

WALL SOAP DISHES

For Wall. Per Dozen

No. 64—4½ in. Long, 3¼ in. Wide, Corrugated Pattern, with Cast Bracket, Highly Polished **$8.90**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

For Wall. Per Dozen

No. 69—4⅝ in. Long, 3⅝ in. Wide, Removable Wire Drainer, Cast Wall Bracket, Highly Polished **$15.00**

Weight Per Dozen About 7 Pounds.

One-twelfth Dozen in a Box.

TUB SOAP DISHES

Will Fit Rim of Any Bath Tub.

Per Dozen

No. 3720—6 in. Long, 4 in. Wide, Plain Edge, Round Hangers, Highly Polished **$10.60**

Weight Per Dozen About 6 Pounds.

One-half Dozen in a Box.

TUB SOAP DISHES

Will Fit Rim of Any Bath Tub.

Per Dozen

No. 54—5¼ in. Long, 4 in. Wide, Solid Brass Rods, Extra Heavy, Heavily Nickel Plated, Highly Polished...**$12.25**

Weight Per Dozen About 8 Pounds.

One-half Dozen in a Box.

Will Fit Rim of Any Bath Tub.

Per Dozen

No. 37—3¾ in. Long, 3½ in. Wide, Solid Brass Rods, Heavily Nickel Plated and Highly Polished **$10.00**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

COMBINATION GLASS AND SOAP HOLDERS

Single.

Per Dozen

No. 56—8 in. High, Perforated Glass Holder, Corrugated Pattern Soap Dish, Highly Polished **$13.90**

Weight Per Dozen About 7 Pounds.

One-twelfth Dozen in a Box.

COMBINATION GLASS AND SOAP HOLDERS

Double. Per Dozen

No. 58—7 in. High, 7 in. Wide, Perforated Double Glass Holders, Corrugated Pattern Soap Dish, Highly Polished **$30.60**

Weight Per Dozen About 14 Pounds.

One-twelfth Dozen in a Box.

Double. Per Dozen

No. 70—7½ in. High, 7½ in. Wide, Perforated Double Glass Holders, with Soap Dish, Highly Polished.....**$37.75**

Weight Per Dozen About 14 Pounds.

One-sixth Dozen in a Box.

GLASS HOLDERS

With Wall Bracket.

Per Dozen

No. 26—3 in. High, Solid, Highly Polished **$6.15**

Weight Per Dozen About 2½ Pounds.

One-half Dozen in a Box.

GLASS HOLDERS

With Wall Bracket.

Per Dozen

No. 65—3¾ in. High, Perforated, Highly Polished.**$8.90**

Weight Per Dozen About 3¼ Pounds.

One-half Dozen in a Box.

COMBINATION TOOTH BRUSH AND GLASS HOLDERS

With Wall Bracket.

Per Dozen

No. 38—5 in. High, Combination Tooth Brush and Glass Holder, Solid, Holds 6 Brushes, Highly Polished.**$8.90**

Weight Per Dozen About 3½ Pounds.

One-half Dozen in a Box.

With Wall Bracket.

Per Dozen

No. 53—5 in. High, Perforated Glass Holder, Extended Tooth Brush Rack, Holds Six Brushes, Highly Polished **$10.00**

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Bath Room Fixtures.

TOOTH BRUSH HOLDERS

Solid Brass Wire.

Per Dozen

No. 78—8 in. Wide, Heavily Nickel Plated, Highly Polished **$2.90**

Weight Per Dozen About 2½ Pounds.
One Dozen in a Box.

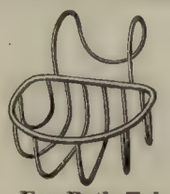
Solid Brass.

Per Dozen

No. 144—Heavily Nickel Plated, Highly Polished **$5.60**

Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

SPONGE HOLDERS



For Bath Tub.

Per Dozen

No. 51—7 in. Wide, 3 in. Deep, Solid Brass Rod, Heavily Nickel Plated, Highly Polished **$19.50**

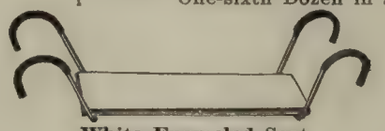
Weight Per Dozen About 16½ Pounds.
One-sixth Dozen in a Box.

BATH TUB SEATS

Quartered Oak Seat. Per Dozen

No. 75—20 in. Long, 5¼ in. Wide, ¾ in. Thick, Adjustable, Solid Brass Arms, Heavily Nickel Plated, Highly Polished **$11.15**

Weight Per Dozen About 42 Pounds.
Open Stock.



White Enameled Seat. Per Dozen

No. 75W—20 in. Long, 5¼ in. Wide, ¾ in. Thick, Adjustable, Solid Brass Arms, Heavily Nickel Plated, Highly Polished **$13.90**

Weight Per Dozen About 42 Pounds.
Open Stock.

PLATE GLASS SHELVES

No. 86—5 in. Wide, ¼ in. Thick, Solid Brass Brackets, Heavily Nickel Plated and Polished.
Crystal Glass.

Length, Inches	18	24	30
Ap. Weight Per Dozen, Lbs.	33	45	60
Per Dozen	$23.35	25.00	31.00

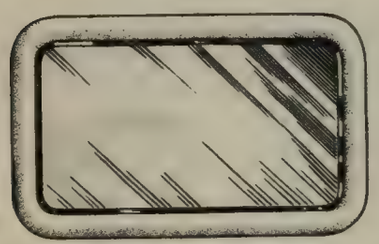
No. 141—5 in. Wide, Solid Brass Brackets and Folding Rail, Heavily Nickel Plated, Highly Polished.
Crystal Glass.

Length, Inches	24
Ap. Weight Per Dozen, Lbs.	50
Per Dozen	$51.10

Opal Glass.

Length, Inches	24
Per Dozen	$60.00

SQUARE MIRRORS



2 in. Colonial Wood Frame, White Enameled.

Each

No. 210—16x20 in., Beveled Mirror **$5.00**

Weight Per Dozen About 25 Pounds.

OVAL MIRRORS

2 in. Reeded Wood Frame, White Enameled.

Each

No. 103—16x20 in., Beveled Mirror **$4.90**

Weight Per Dozen About 25 Pounds.

ROBE HOOKS

Solid Cast Brass.

Per Dozen

No. 9—1½ in. Projection, Heavily Nickel Plated, Highly Polished **$1.60**

Weight Per Dozen About 1 Pound.
Two Dozen in a Box.

Solid Cast Brass.

Per Dozen

No. 10—3 in. High, Heavily Nickel Plated, Highly Polished **$2.90**

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

Heavy Brass Tubing.

Per Dozen

No. 67—7 in. High, Solid Turned Plate Stud, Heavily Nickel Plated, Highly Polished **$8.90**

Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

Bath Room Fixtures.

Solid Brass, Heavily Nickel Plated.

TOWEL BARS

No. 2—⅜ in. Tubing, Highly Polished.

Length, Inches	16	18	20
Weight Per Dozen, Lbs.	6¼	6¾	7¼
Per Dozen	$5.15	5.35	5.75

No. 34—½ in. Tubing, Extra Large Base, Highly Polished.

Length, Inches	18	20	24	30
Wt. Per Dozen, Lbs.	4	4½	5	5½
Per Dozen	$5.60	5.90	6.50	7.25

One-half Dozen in a Package.

No. 30—½ in. Tubing, Extra Large Base, Highly Polished.

Length, Inches	20	24	30
Weight Per Dozen, Lbs.	5¾	6¼	7
Per Dozen	$10.60	11.50	12.25

No. 79—⅝ in. Tubing, Extra Large Base, Highly Polished.

Length, Inches	20	24	30
Weight Per Dozen, Lbs.	7	9	12
Per Dozen	$10.55	12.25	13.90

One-half Dozen in a Package.

TOWEL BARS

No. 3515—¾ in. Glass Bar, Heavy Cast Brass Posts, Highly Polished and Nickel Plated.

Crystal Glass.

Length, Inches	18	24	30	36
Per Dozen	$15.00	16.15	18.90	21.70

Opal Glass.

Length, Inches	18	24	30	36
Per Dozen	$16.15	17.80	20.00	23.35

One-half Dozen in a Package.

TOWEL RACKS

Alice, Three Arms.

Per Dozen

No. 25—Three Nickel Plated Bright Wire Arms, $\frac{4}{16}$ in. Diameter, 11¾ in. Long, ¾x2$\frac{3}{16}$ in. Nickel Plated Steel Bracket.....**$1.80**

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

TOWEL RACKS

Per Dozen

No. 5—Two Arms, ⅜ in. Heavy Brass Tubing, 15 in. Long, Heavily Nickel Plated, Highly Polished, Swings Both Ways.....**$11.15**

Weight Per Dozen About 6 Pounds.

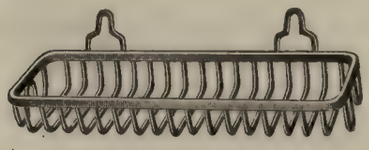
Per Dozen

No. 3—Three Arms, ⅜ in. Heavy Brass Tubing, 15 in. Long, Heavily Nickel Plated, Highly Polished, Swings Both Ways.....**$15.00**

Weight Per Dozen About 8½ Pounds.

One-half Dozen in a Package.

COMB AND BRUSH TRAYS



Per Dozen

No. 105—10 in. Long, 5 in. Wide, Solid Brass, Heavily Nickel Plated and Highly Polished.....**$20.00**

Weight Per Dozen About 8 Pounds.

WHISK BROOM HOLDERS

Per Dozen

No. 25—2¼ in. High, 5 in. Wide, Extra Heavy, Solid Brass, Heavily Nickel Plated, Highly Polished.**$7.25**

Weight Per Dozen About 3¼ Pounds.

One Dozen in a Box.

Bath Room Fixtures.

TOILET PAPER HOLDERS

Per Dozen
No. 74—5¼ in., Solid Heavy Brass Rod, Heavily Nickel Plated, Highly Polished, Black Enameled Wood Roller, Easy to Adjust.....**$3.00**
Weight Per Dozen About 3 Pounds.
One-half Dozen in a Box.

Per Dozen
No. 72—5¼ in., Solid Heavy Brass Rod, Heavily Nickel Plated, Highly Polished, Black Enameled Wood Roller, Easy to Adjust.....**$5.90**
Weight Per Dozen About 4¼ Pounds.
One-half Dozen in a Box.

Per Dozen
No. 40—5¼ in., Solid Cast Brass, Heavily Nickel Plated, Highly Polished Black Enameled Wood Roller....**$12.80**
Weight Per Dozen About 9 Pounds.
One-twelfth Dozen in a Box.

TOILET PAPER HOLDERS

Per Dozen
No. 87—6½ in., Solid Cast Brass, Heavily Nickel Plated, Highly Polished, Black Enameled Wood Roller **$8.35**
Weight Per Dozen About 4½ Pounds.
One-twelfth Dozen in a Box.

Per Dozen
No. 5—Unique, 6 in., Nickel Plated Steel Brackets and Pivots, Selected Wood Roller, Oil Finish **$1.70**
Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

TOILET PAPER

Per Dozen Rolls
No. 14—Perforated **$1.15**
No. 15—Perforated, Good Quality **1.55**
Weight Per Case About 91 Pounds.
One Hundred Rolls in a Case.

Match Safes.

Square.
Per Dozen
No. 2—3½x2¼x1½ in., Japanned Tin, Self-Closing, Assorted Colors **$0.80**
Weight Per Dozen About 1½ Pounds.
One Dozen in a Package.

Twin.
Per Dozen
No. 1—4½x5 in., Japanned Tin, Assorted Colors **$0.70**
Weight Per Dozen About 1¾ Pounds.
One Dozen in a Package.

Cast Iron. Per Dozen
No. 68—7x4 in., Berlin Bronzed, Self-Closing, Two Compartments **$4.50**
Weight Per Dozen About 15 Pounds.
One-half Dozen in a Box.

Match Safes.

Solid Brass.
Per Dozen
No. U1923—5x5 in., Heavily Nickel Plated, Highly Polished **$4.25**
Weight Per Dozen About 2½ Pounds.
One-half Dozen in a Package.

Safety Match Holders.

Best Quality Steel.
Per Dozen
No. 11—5¾ in. Diameter, Enameled Gun Metal, Holds Two Boxes, with Tray for Burnt Matches **$2.25**
Weight Per Dozen About 5½ Pounds.
One Dozen in a Box.

Solid Brass.
Per Dozen
No. 21—4½ in. High, with Wall Bracket, Highly Nickel Plated, Highly Polished.....**$8.90**
Weight Per Dozen About 3½ Pounds.
One-half Dozen in a Package.

Wire Picture Cord.

BRAIDED

No. 1.

No. 2.

No. 3.

No. 4.

Tinned, 25 Feet Coils.

Nos.	1	2	3	4
Number of Strands	8	12	16	20
Per Dozen Coils	$0.50	.70	.90	1.15

Tinned, 25 Yard Coils.

Nos.	10	20	30	40
Number of Strands	8	12	16	20
Per Dozen Coils	$0.90	1.35	1.80	2.25

Gilt, 25 Yard Coils.

Nos.	11	12	13	14
Number of Strands	8	12	16	20
Per Dozen Coils	$1.25	1.80	2.45	3.35

One Dozen Coils in a Box.

No. 119.

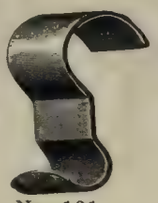
Wrought Steel. Per Gross
No. 119—For 1½ in. Moulding, Brass Plated....$0.60
Weight Per Gross About 1¼ Pounds.
One Gross in a Box.

Nos. 142, 161.

Wrought Brass. Per Gross
No. 142—For 1½ in. Moulding, Polished $3.00
Weight Per Gross About 2¼ Pounds.
One-half Gross in a Box.

Wrought Steel. Per Gross
No. 161—For 1½ in. Moulding, Brass Plated $1.60
Weight Per Gross About 2¼ Pounds.
One Gross in a Box.

Picture Hooks.



No. 131.

Wrought Steel. Per Gross
No. 131—For 1½ in. Moulding, Brass Plated....$1.15
Weight Per Gross About 1¼ Pounds.
One Gross in a Box.

No. 181.

Wrought Brass, Extra Heavy. Per Gross
No. 181—For 1½ in. Moulding, Polished $9.00
Weight Per Gross About 5 Pounds.
One-quarter Gross in Box.

No. 164.

Wrought Steel. Per Gross
No. 164—For 1½ in. Moulding, Brass Plated....$0.80
Weight Per Gross About 2 Pounds.
One Gross in a Box.

No. 184.

Wrought Steel. Per Gross
No. 184—For 1½ in. Moulding, Brass Plated....$3.35
Weight Per Gross About 4½ Pounds.
One-quarter Gross in Box

Picture Nails.

No. 014.

No. 9.

Nickel Plated. Per Gross
No. 014—2½ in. Long, Spiral Wire Head $4.00
Weight Per Gross About 4 Pounds.
One-quarter Gross in a Box.

Brass Rim. Per Gross
No. 9—$\frac{13}{16}$ in. White Porcelain Center $3.35
Weight Per Gross About 3 Pounds.
One Gross in a Box.

Thumb Tacks and Hooks.

No.. T.

No. H.

Steel.

Per Assortment

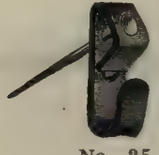
No. T—Thumb Tacks, Assortment Contains 3 Packages ½ in. Green Finish Clover Leaf Tacks, 6 in a Package, 3 Packages ½ in. Roman Gold Finish Clover Leaf Tacks, 6 in a Package, 3 Packages ⅝ in. Green Finish Clover Leaf Tacks, 5 in a Package, and 3 Packages ⅝ in. Roman Gold Finish Clover Leaf Tacks, 5 in a Package, Complete with Display Box $1.80

No. H—Thumb Hooks, Assortment Contains 3 Packages ½ in. Green Finish Clover Leaf Hooks, 5 in a Package, 3 Packages ½ in. Roman Gold Finish Clover Leaf Hooks, 5 in a Package, 3 Packages ⅝ in. Green Finish Clover Leaf Hooks, 4 in a Package, 3 Packages ⅝ in. Roman Gold Finish Clover Leaf Hooks, 4 in a Package, Complete with Display Box. 1.80

Weight Per Assortment About 1 Pound.

Wall Hooks.

No. 10.



No. 25.

Steel, Gilt Plated.

Nos.	10	25
Inches	⅝	¾
Holds, Lbs.	10	25
Hooks in Package	10	6
Per Dozen Packages	$1.80	1.80

Nos.	50	100
Inches	1⅛	1⅜
Holds, Lbs.	50	100
Hooks in Package	4	3
Per Dozen Packages	$1.80	1.80

Nos. 10 and 25, Two Dozen; Nos. 50 and 100, One Dozen Packages in a Box.

Steel, Gilt Plated.

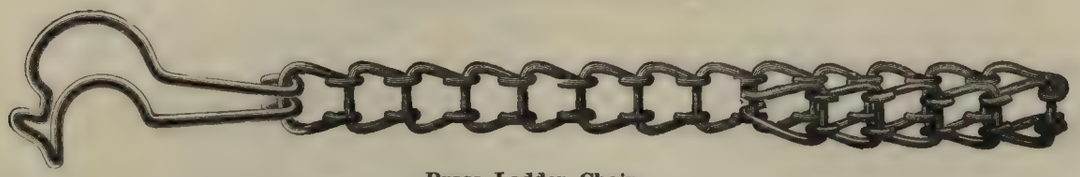
In Assortments.

Per Assortment

No. 48—Assortment Contains 6 Packages of No. 10, 18 Packages of No. 25, 16 Packages of No. 50 and 8 Packages of No. 100 Wall Hooks, Complete with 10½x4x6½ in. Handsome Display Container $7.15

Weight Per Assortment About 4 Pounds.

Picture Chains.

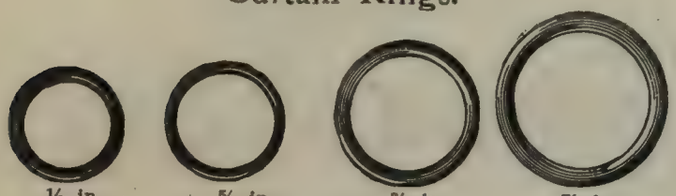


Brass Ladder Chain. Per Dozen

No. 11—3 ft. Long, Adjustable in Length, for Picture Nails or Moulding $1.15

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

Curtain Rings.



½ in. ⅝ in. ¾ in. ⅞ in.

Brass.

Diameter, Inches	¼	5/16	⅜	7/16	½
No. of Wire	20	20	18	18	18
Per Gross	$0.19	.20	.23	.24	.27
Diameter, Inches		⅝	¾	⅞	1
No. of Wire		18	18	16	16
Per Gross		$0.33	.40	.62	.80

Weight Per Gross About ¾ Pound.
One Gross in a Package.

Screw Rings.

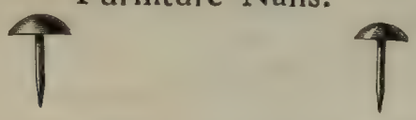
7/16 in. ½ in. ⅝ in. ¾ in.

Brass.

Diameter, Inches	⅜	7/16	½	⅝
No. of Wire	18	18	18	18
Per Gross	$0.60	.80	1.00	1.35
Diameter, Inches		¾	⅞	1
No. of Wire		18	16	14
Per Gross		$1.70	2.15	2.35

Weight Per Gross About ¾ Pound.
One Gross in a Box.

Furniture Nails.



Nos. 42, 142 and 242. Nos. 43, 143 and 243.

Brass, Oval Head.

Nos.	42	43
Per Thousand	$0.90	.75

1000 in a Box.

Nos.	142	143
Per Thousand	$1.15	1.00

100 in a Box.

Nos.	242	243
Per Thousand	$1.20	1.10

50 in a Box.
Weight Per 1000 About 1¼ Pounds.

Upholsterers' Nails.

Enameled to Imitate Leather. Per 1000

No. 3902G—Green Color $1.70
No. 3902B—Black Color 1.70
No. 3902T—Tan Color 1.70

Weight Per 1000 About 1¼ Pounds.

Stair Rods.

OVAL

No. 75—Polished Brass, with Fasteners.

Inches	⅝x24	⅝x26	⅝x28	¾x30
Ap. Wt. Per Dozen, Lbs.	2	2½	3	4
Per Dozen	$1.15	1.30	1.60	2.00

One Dozen in a Package.

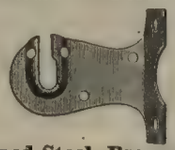
ROUND

No. 68—Wrought Steel, Brass Plated, with Screw Eye Fasteners, ¼ in. Diameter.

Inches	¼x30
Ap. Weight Per Dozen, Lbs.	2
Per Dozen	$1.65

One Dozen in a Package.

Spring Shade Roller Brackets.



Stamped Steel, Bronzed.
Per Gross Pairs

No. 415—For 1 in. Rollers $2.70

Wt. Per Gross Pairs About 4½ Pounds.
One-half Gross Pairs in a Box.

Curtain Rod Brackets.

Brass Plated. Per Gross

No. 347—2 in. Projection, for ½ in. Curtain Rods $0.80

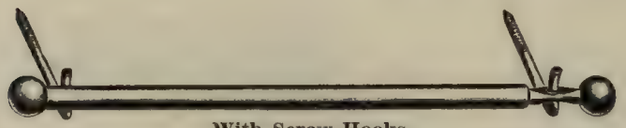
Weight Per Gross About 2 Pounds.
One Gross in a Box.

Brass Plated. Per Gross

No. 348—3¼ in. Projection, for ½ in. Curtain Rods $4.00

Weight Per Gross About 3 Pounds.
One Gross in a Box.

Extending Curtain Rods.



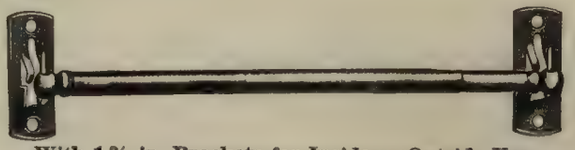
With Screw Hooks.

Per Dozen

No. 8962—$\frac{3}{16}$ in. Brass Plated Steel Tube, Solid Inner Rod, Adjustable from 23 to 42 in., $\frac{3}{8}$ in. Brass Plated Ends.....**$0.90**

Weight Per Dozen About 1½ Pounds.

Three Dozen in a Box.



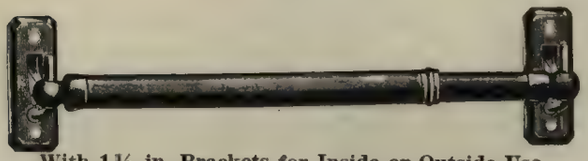
With 1⅜ in. Brackets for Inside or Outside Use.

Per Dozen

No. 9009—¼ in. Brass Plated Steel Tube, Adjustable from 24 to 44 in., $\frac{3}{8}$ in. Brass Plated Ends.**$2.10**

Weight Per Dozen About 4 Pounds.

Three Dozen in a Box.



With 1½ in. Brackets for Inside or Outside Use.

Per Dozen

No. 9085—$\frac{3}{8}$ in. Brass Plated Steel Tube, Adjustable from 24 to 44 in., $\frac{3}{8}$ in. Brass Plated Ends..**$3.00**

Weight Per Dozen About 4½ Pounds.

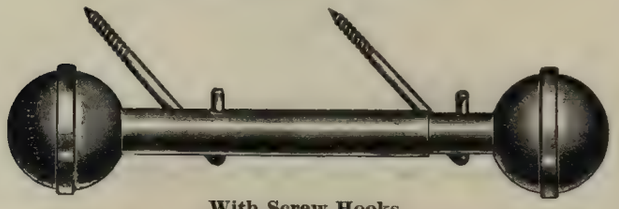
One Dozen in a Box, with Pins.

With Screw Hooks. Per Dozen

No. 8913—$\frac{7}{16}$ in. Brass Plated Steel Tube, Adjustable from 30 to 54 in., 1 in. Diameter Fancy Brass Plated Ends.....**$1.65**

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.



With Screw Hooks.

Per Dozen

No. 9044—$\frac{7}{16}$ in. Brass Plated Steel Tube. Adjustable from 30 to 54 in., 1¼ in. Diameter Removable Brass Plated Ends.....**$3.00**

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

With 1¾ in. Brackets, for Inside or Outside Use.

Per Dozen

No. 9109—$\frac{7}{16}$ in. Brass Plated Steel Tube, Adjustable from 30 to 54 in., 2½ in. Projection.....**$3.50**

Weight Per Dozen About 8 Pounds.

One-twelfth Dozen in a Box, with Pins.

Curtain Pole Brackets.

Steel.

Per Dozen Pairs

No. 78—For 1½ in. Curtain Poles, Brass Plated.....**$0.70**

Weight Per Dozen Pairs About 1½ Pounds.

One Dozen Pairs in a Box.

Curtain Pole Sockets.

Polished Brass.

Per Dozen Pairs

No. 299—For 1½ in. Curtain Poles **$0.50**

Weight Per Dozen Pairs About ⅛ Pound.

One Dozen Pairs in a Box.

Curtain Pole Rings.

Brass.

Per 100

No. 002—1¾ in. Diameter Inside **$1.80**

Weight Per 100 About 1 Pound.

Two Hundred in a Box.

Curtain Pole Sets.

Set Consists of 2 Fluted Brass Knobs, 10 Brass Curtain Rings, and 2 Brass Plated Steel Brackets.

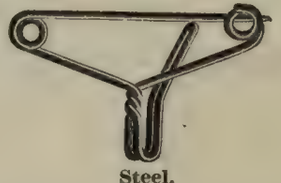
Per Dozen Sets

No. 1172—For 1½ in. Poles.....**$4.50**

Weight Per Dozen Sets About 3½ Pounds.

One Set in a Box.

Drapery Pin Hooks.



Steel.

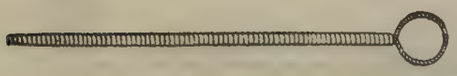
Per Gross

No. 0327—Brass Plated **$0.50**

Weight Per Gross About ½ Pound.

One Gross in a Box.

Separator Brushes.



Wire Tube Cleaners.

Per Dozen

No. ½—⅛x6 in. Over All for Sharples' Separator, Weight per Dozen ¼ Lb.....$0.90

No. 1—$\frac{5}{32}$x6 in. Over All for United States, De Laval or Empire Separators, Weight per Dozen ¼ Lb. ..... .90

Open Stock.

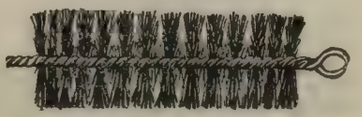
Tube Brush, Bristle, Wire Handle.

Per Dozen

No. 2—¼x1¾x7 in. Over All, for U. S. Separator, Weight Per Dozen ⅛ Lbs.....$0.45

No. 5—½x2½x8½ in. Over All, for De Laval Separators, Weight Per Dozen ¼ Lb..... .50

Open Stock.



Feed Tube Brush, Bristle, (or Rod Brush) Wire Handle.

Per Dozen

No. 6—⅝x2 in. Over All, for Sharples' Separator, Weight per Dozen $\frac{3}{16}$ Lb.....$0.67

Open Stock.

Spout Brush, Bristle, Wire Handle.

Per Dozen

No. 7—1¼x2½x14 in. Over All, for U. S. Separator, Weight Per Dozen ⅜ Lb.....$0.90

Open Stock.

Spout Brush, Bristle and Hair, Wire Handle.

Per Dozen

No. 8—2¼x5x14 in. Over All, for De Laval Separator, Weight Per Dozen ¾ Lb.....$1.35

Open Stock.

Spout Brush, Bristle, Wire Handle.

Per Dozen

No. 9—1x4x12 in. Over All, for Sharples' Separator, Weight Per Dozen ⅝ Lb.....$1.00

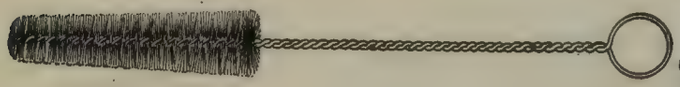
Open Stock.

Universal Flat Spout, Bristles, Wire Handle.

Per Dozen

No. 9½—1⅛x1½x2½x4½x13 in. Over All. Fits All Separators, Weight Per Dozen ¾ Lb.....$2.25

Open Stock.

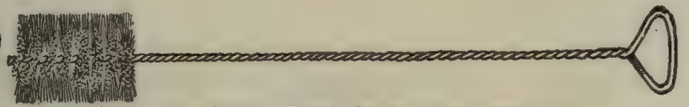


Spout Brush, Tapered Bristles, Wire Handle.

Per Dozen

No. 10½—1x1½x4½x12 in. Over All, for Empire Separators, Weight Per Dozen ¾ Lb.....$1.35

Open Stock.



No. 13—Palmetto Bowl, for Sharples' Separator.

Sizes	3	4	6	9
Inches Over All..	2⅛x3⅛x18	2¼x4x25	2½x4½x25	3x4½x25
Wt. Per Doz., Lbs.	1½	3	3¼	3½
Per Dozen	$1.35	1.70	1.90	2.25

Open Stock.

Bowl Brush, All Bristles, Wood Handle, German Style.

Per Dozen

No. 14—2¼x3x6x15 in. Over All, for Empire Separator, Weight Per Dozen 1½ Lbs.....$3.35

Open Stock.

Bowl Brush, 8 Row Black Fibre, Wood Handle.

Per Dozen

No. 16—3¼x4½x14 in. Over All, for United States Separator, Weight Per Dozen 2¾ Lbs.....$6.70

Open Stock.

Test Brush, Bristle, Wire Handle.

Fits Babcock Bottles.

Per Dozen

No. 17—Cream Test, Weight Per Dozen ½ Lb.....$1.70

No. 18—Milk Test, Weight Per Dozen ½ Lb..... 1.70

Open Stock.

Bowl or Jar Brush, Double Tip, Bristle, Wood Handle.

Per Dozen

No. 20—2x6x13 in. Over All, Weight Per Dozen 2 Lbs.....$3.90

Open Stock.

Bowl Brush, German Style, Bristle, Wood Handle.

Per Dozen

No. 778—2x2¾x5x12 in. Over All, Weight Per Dozen 1½ Lbs....$2.80

Open Stock.

Brushes.

MILK CAN

Jersey Ox Fibre, Hardwood Back.

Per Dozen

No. 16—9x5 in., Weight Per Dozen 7½ Lbs. $5.35

One Dozen in a Box.

MILK CAN

White Tampico, Solid Back.

Per Dozen

No. 11—7¼x3 in., Weight Per Dozen 6½ Lbs..... $2.80

One Dozen in a Box.

CREAMERY AND BREWERY

Wood Back, Face Size 11x6 In.

Per Dozen

No. 20—Imperial, Ox Fibre, Weight Per Dozen 14 Lbs..... $7.80

No. 25—Imperial, Tampico, Weight Per Dozen 14 Lbs..... 6.70

No. 30—Star, Rice Root, Weight Per Dozen 14 Lbs..... 7.80

One Dozen in a Box.

TUMBLER

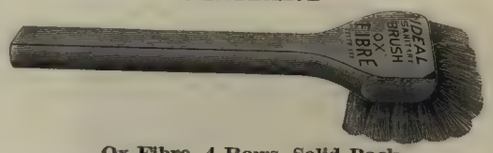
All Black Bristles, Polished Wood Handle.

Per Dozen

No. 2—4½x3 in., Bristles, 9½ in. Long Handle, Weight Per Dozen 3½ Lbs..... $7.25

One Dozen in a Box.

SANITARY



Ox Fibre, 4 Rows, Solid Back.

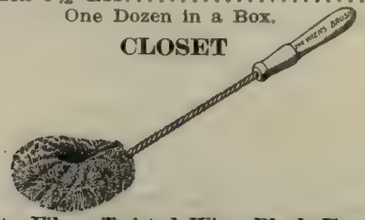
Per Dozen

Ideal—3½x2½ in., Weight Per Dozen 5 Lbs..... $2.80

For cleaning Cuspidors, Closets, Basins, etc.

One Dozen in a Box.

CLOSET



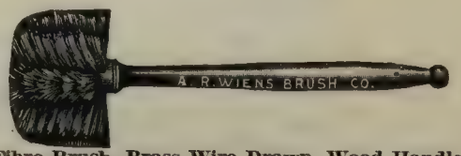
White Palmetto Fibre, Twisted Wire, Black Enameled Wood Handle.

Per Dozen

No. 201—5½x4¾x2½ in. Brush, Length Over All 19 in., Weight Per Dozen 5 Lbs..... $4.50

One Dozen in a Box.

CUSPIDOR



Fibre Brush, Brass Wire Drawn, Wood Handle.

Per Dozen

No. 205—5 in. Diameter Fibre, Length Over All 18 in., Weight Per Dozen 4 Lbs..... $6.70

One Dozen in a Box.

SINK

Ox Fibre, 3 Rows, Solid Back.

Per Dozen

Owl—6½x1½ in., Weight Per Dozen 3 Lbs. $1.70

For cleaning sinks, pots, kettles, etc.

Two Dozen in a Box.

HAND OR SINK

White Tampico, Solid Hardwood Block.

Per Dozen

No. 12—4½x1¼ in., Weight Per Per Dozen 2 Lbs..... $0.67

Six Dozen in a Box.

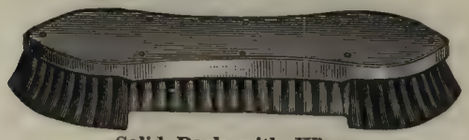
HANDLED SINK

White Tampico, Solid Hardwood Block, with Handle. Per Dozen

No. 15—4½x1¼ in., Weight Per Dozen 2½ Lbs..... $0.90

Three Dozen in a Box.

SCRUBBING



Solid Back with Wings.

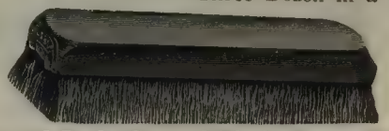
Per Dozen

No. 21—10½ in. Long, 5 Rows, White Tampico, Weight Per Dozen 6½ Lbs..... $2.00

No. 22—11½ in. Long, 5 Rows, Gray Tampico, Weight Per Dozen 8 Lbs..... 2.50

No. 80—10 in. Long, 5 Rows, White Tampico, Gray Wings, Weight Per Dozen 6 Lbs..... 2.00

One Dozen in a Box.



Solid Hardwood Back, Grooved Block, Patent Wire Drawn.

Per Dozen

No. 64—9x2 in. 2 Rows, Selected Rice Root, Weight Per Dozen 7½ Lbs..... $1.56

No. 77—8x2¾ in., 3 Rows, Selected Rice Root, Weight Per Dozen 7 Lbs..... 2.00

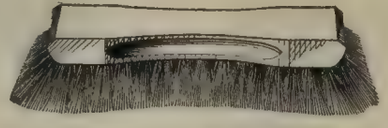
One Dozen in a Box.

Solid Hardwood Back, Varnished. Per Dozen

No. 115—8½x2¼ in., 5 Rows, Palmetto Fibre, Weight Per Dozen 7 Lbs..... $2.25

No. 150—6x2¼ in., 5 Rows, Palmetto Fibre, Weight Per Dozen 4½ Lbs..... 1.80

One Dozen in a Box.

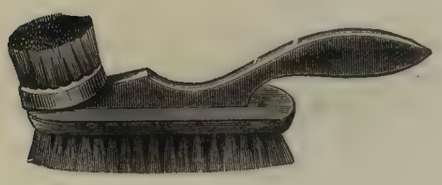


Solid Hardwood Back, Square End. Per Dozen

No. 120—9x2¼ in., 5 Rows, Palmetto Fibre, Weight Per Dozen 8 Lbs..... $2.25

One Dozen in a Box.

Shoe Brushes.



WITH HANDLE AND DAUBER.

Per Dozen

No. 36—Black Mixed Stock, Oblong Shape, 12 in. Long Over All, 6¾x2¾ in. Block, 2¼ in. Dauber, Weight Per Dozen 6½ Lbs. $2.80

No. 138—Black and White Bristles, Oblong Shape, Round Edges, 12 in. Long Over All, 7x2¾ in. Block, 2½ in. Dauber, Weight Per Dozen 6½ Lbs. 3.55

No. 171—Black Bristles, Oblong Shape, Beveled Edges, 12 in. Long Over All, 7x3 in. Block, 2¼ in. Dauber, Weight Per Dozen 7 Lbs. 4.50

No. 504—Black Bristles, Oblong Shape, Round End, 12 in. Long, 7½x2½ in. Block, 2½ in. Dauber, Weight Per Dozen 6½ Lbs. 3.35

No. 605—Black Bristles, Oblong Shape, Beveled Edges, 12 in. Long Over All, 7½x2¾ in. Block, 2½ in. Dauber, Weight Per Dozen 8 Lbs. 5.00

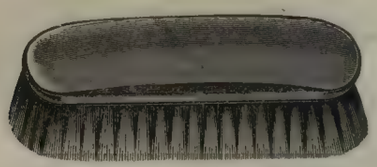
One-half Dozen in a Package.

WITH HANDLE AND DAUBER.

Per Cabinet

No. 700—Assortment Containing One Dozen Assorted All Bristle Brushes in a Cabinet, Weight Per Cabinet 7 Lbs. $4.50

Shoe Polishers.



Hardwood Block, Rounded Back, Grooved Sides.

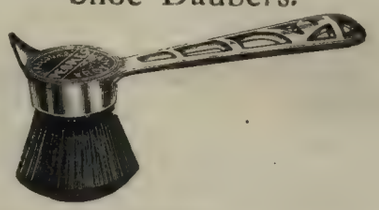
Per Dozen

No. 5—Black Mixed Stock, 8x2½ in. Block, Weight Per Dozen 6½ Lbs. ..... $ 4.50

No. 10—Black Bristles, 9x2¾ in. Block, Weight Per Dozen 9 Lbs. 10.00

One Dozen in a Box.

Shoe Daubers.



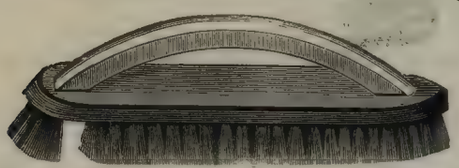
Black Bristles, Tinned Malleable Iron Handle and Scraper.

Per Dozen

No. 1—Length Over All 6 in., Weight Per Dozen 2½ Lbs. ..$2.60

One Dozen in a Box.

Stove Brushes.

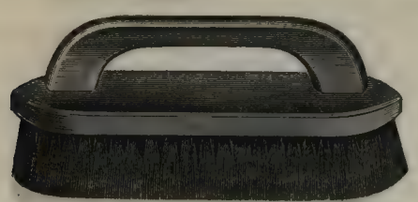


Solid Back, Polished, Full Dauber with Handle.

Per Dozen

No. XX—Black Tampico, 5¾x2 in. Face, 2 in. Dauber, Weight Per Dozen 9 Lbs. $2.60

One Dozen in a Box.



Solid Back, Two Pointed Ends, with Handle.

Per Dozen

No. 8611—Extra Quality Warranted Pure Stiff Russia Bristles, 18⅛x2½ in. Block, Weight Per Dozen 8 Lbs. $40.00

One Dozen in a Box.

Solid Back, Curved, with Dauber and Handle.

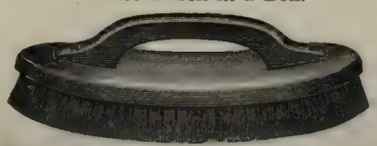
Per Dozen

No. 7—Black Tampico Outside, White Center, Red Block, Varnished, 12x2¼ in., 8x2 in. Face, 2½x1¾ in. Dauber, Weight Per Dozen 8½ Lbs. $2.80

No. 6—Gray Tampico, 11½x2¼ in. Block, 7¾x2 in. Face, 2½x1¾ in. Dauber, Weight Per Dozen 6½ Lbs. . 3.00

No. 50—Black Bristles, White Block, Varnished, 12x2¼ in. Block, 8½x2 in. Face, 2½x1¾ in. Dauber, Weight Per Dozen 7 Lbs. 5.00

One Dozen in a Box.



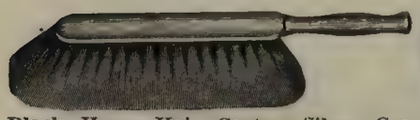
Rocker Shape, Solid Wood Back, Handled.

Per Dozen

No. 39—Mixed Tampico, 9x2¼ in. Block, Weight Per Dozen 7 Lbs. $2.80

One Dozen in a Box.

Counter Brushes.



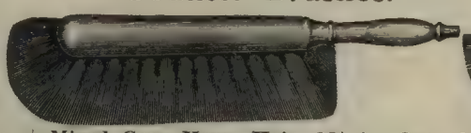
Black Horse Hair Center, Silver Gray Casing, Heavy Set, Wire Fastened, Natural Polished Handle.

Per Dozen

No. 1—8 in. Block, Weight Per Dozen 5½ Lbs. $6.15

No. 2—9 in. Block, Weight Per Dozen 6½ Lbs. 7.25

One-half Dozen in a Box.



Mixed Gray Horse Hair, 2⅝ in. Out of Block, Extra Heavy Set, Wire Fastened, Natural Polished Handle.

Per Dozen

No. 5—9 in. Block, Weight Per Dozen 7½ Lbs. $8.90

One-half Dozen in a Box.

3 Inch Black China Bristle Center, All White Bristle Casing, Cement Set, Red Polished Handle.

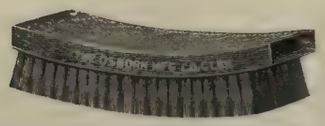
Per Dozen

No. 9—9 in. Block, Weight Per Dozen 7 Lbs. $11.90

One-half Dozen in a Box.

Brushes.

WIRE SCRATCH



Painters' Curved Back, Tempered Steel Wire, Especially Designed for Removing Paint, Varnish, Etc.

Per Dozen

No. 1775—9 Rows Wire, 1⅛ in. Long, 7x3 in. Block, Weight Per Dozen 9 Lbs.....**$8.90**

One Dozen in a Box.

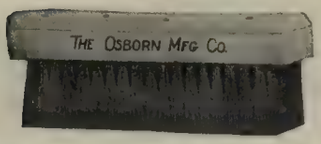
Braziers' Cleaning, Fine Round Steel Wire, Solid Wood Back and Handle.

Per Dozen

No. 188—3 Rows Wire, 1⅛ in. Long, 6x¾ in. Brush Part, 14 in. Long Over All, Weight Per Dozen 6 Lbs..**$4.50**

One Dozen in a Box.

WIRE SCRATCH



Painters' Hand, Tempered Steel Wire, Solid Wood Block, for Removing Old Paint, Varnish, etc., From Stone or Metal.

Per Dozen

No. 177—5 Rows, Wire 1⅝ in. Long, 7⅝x2½ in. Block, Weight Per Dozen 12 Lbs.....**$8.35**

One Dozen in a Box.

WIRE SCRATCH

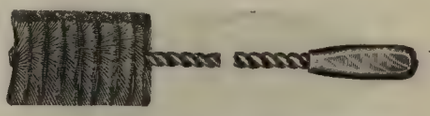
Shoe Handle, Fine Round Steel Wire, for Removing Old Paint, Cleaning Moulding, Etc.

Per Dozen

No. 283—4 Rows Wire, 4¾x¾ in. Brush, 4½ in. Handle, Length Over All 10 in., Weight Per Dozen 6 Lbs.....**$6.70**

One Dozen in a Box.

RADIATOR



Bristle, Rubber Tipped, Wire Shank, Wood Handle.

Per Dozen

No. 211—5x3x1¾ in. Brush, 36 in. Long, Over All Weight Per Dozen 5 Lbs.....**$5.00**

One Dozen in a Bundle.

MACHINISTS'

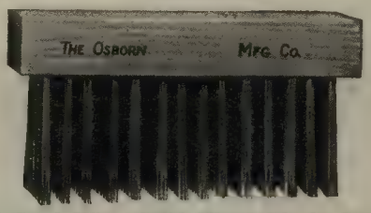
Extra Heavy Full Brush, Gray Tampico, Wood Back and Handle.

Per Dozen

No. 225—10x2 in. Brush, 5½ in. Handle, Weight Per Dozen 12 Lbs.....**$6.15**

Open Stock.

CASTING



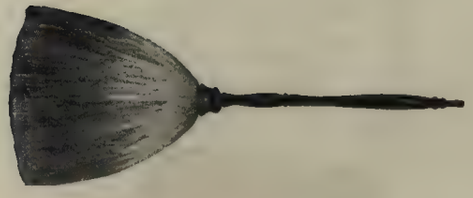
Tempered Steel Wire, Solid Wood Block, Stapled Cover.

Per Dozen

No. 7—5 Rows, 4 in. Long, 7¾x2⅝ in. Block, Weight Per Dozen 8 Lbs.....**$5.00**

One Dozen in a Box.

Wool Dusters.

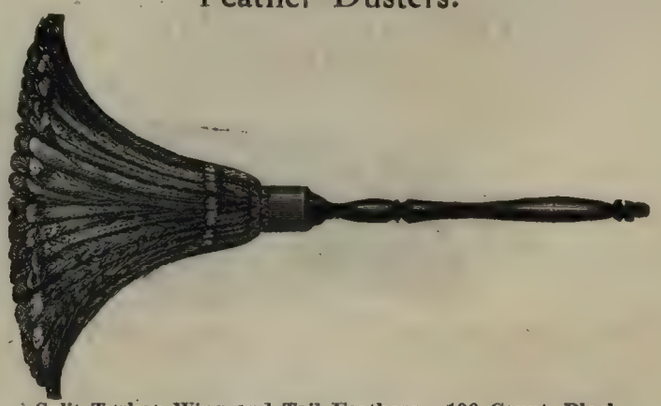


All Wool, Assorted Colors, Black Enameled Wood Handle.

Nos.	0	2	4
Length of Wool, Inches	7½	8	9
Length of Handle, Inches	9	10	12
Weight Per Dozen, Lbs.	6	6½	7
Per Dozen	**$6.35**	**9.50**	**12.25**

One-twelfth Dozen in a Paper Bag.

Feather Dusters.



Split Turkey Wing and Tail Feathers. 100 Count, Black Enameled Head and Handle.

Nos.	10	12	14	16
Length, Inches	10	12	14	16
Length of Handle, Inches	10	11	13	15½
Weight Per Dozen, Lbs.	6½	8	9	10
Per Dozen	**$6.15**	**7.80**	**9.90**	**12.80**

One-twelfth Dozen in a Paper Bag.

Flat Varnish Brushes.

D

No. 185—All White Bristles, Plain Handle, Tin Ferrule.

Width, In....	1	1½	2	2½	3
Lh. Stock, In.	1⅝	1⅝	1⅝	1¾	1⅞
Wt. Doz. Lbs.	1	1¼	2	2½	3
Per Dozen...	$0.62	.94	1.28	2.35	2.80

BLACK COMET

No. 190—Chiseled, Black Chinese Bristles, Flowing, Black Enameled Handle, Tin Ferrule.

Width, In....	1	1½	2	2½	3
Lh. Stock, In.	1½	1⅝	1¾	1⅞	2
Wt. Doz. Lbs.	1¼	1½	2½	3½	5
Per Dozen...	$1.08	1.60	2.15	2.90	3.25

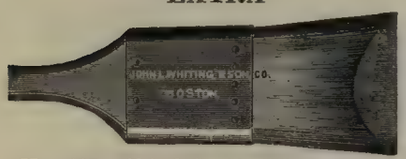
One Dozen in a Box.

WHITE COMET

No. 192—Chiseled, White Bristles, Flowing, Black Enameled Handle, Tin Ferrule.

Width, In....	1	1½	2	2½	3
Lh. Stock, In.	1½	1⅝	1¾	1⅞	2
Wt. Doz. Lbs.	1¼	1½	2½	3½	5
Per Dozen...	$1.20	1.80	2.35	3.80	4.50

EXTRA



No. 195—Chiseled, All White Bristles, Cedar Handle, Tin Ferrule.

Width, In....	1	1½	2	2½	3
Lh. Stock, In.	1⅝	1¾	1⅞	2	2¼
Wt. Doz. Lbs.	1	1¼	2	2½	3
Per Dozen...	$2.35	3.35	4.80	6.70	8.15

AJAX

No. 200—Chiseled, Black Chinese Bristles, Flowing, Stained Handle, Tin Ferrule.

Width, In....	1	1½	2	2½	3
Lh. Stock, In.	1⅝	1¾	1⅞	2	2⅛
Wt. Doz. Lbs.	1¼	1½	2½	3½	5
Per Dozen...	$1.45	2.20	2.90	4.00	4.50

One Dozen in a Box.
Length of Stock Given is Clear of Ferrule.

STERLING

No. 205—Chiseled, Selected Black Chinese Bristles, Flowing, Varnished Natural Finish Cedar Handle, Nickel Plated Ferrule.

Width, In....	1	1½	2	2½	3
Lh. Stock, In.	2	2	2⅛	2⅜	2½
Wt. Doz. Lbs.	1½	2	3	4	5½
Per Dozen...	$2.80	3.90	5.60	8.25	10.80

Vulcan Set Flowing Varnish Brushes.

No. 958—Chiseled, Best Selected Black Chinese Bristles, Soft and Elastic, Flowing, Varnished Natural Finish Handle, Nickel Plated Ferrule.

Width, In.....	1½	2	2½	3
Lgth. Stock, In.	2½	2¾	2⅞	3
Wt. Doz. Lbs..	2½	3½	4½	6
Per Dozen.....	$7.50	10.00	13.10	16.15

One Dozen in a Box.
Length of Stock Given is Clear of Ferrule.

Oval Varnish Brushes.

NUBIAN

Chiseled, Selected Black Chinese Bristles, Fine and Elastic, Wood Handle, Nickel Plated Seamless Ferrule.

Nos.	2-0	4-0	6-0	8-0
Lgth. Stock, In.	2¾	2⅞	3¼	3½
Wt. Doz. Lbs..	2	2½	3	4
Per Dozen.....	$9.70	11.90	15.00	20.00

One-half Dozen in a Box.

KAISER

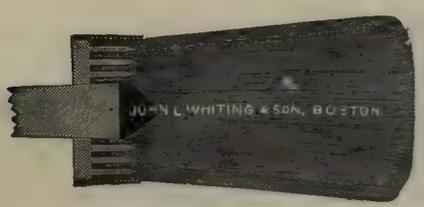
Chiseled, Selected Black Chinese Bristles, Wood Handle, Nickel Plated Seamless Ferrule.

Nos.	8	10
Lgth. Stock, In.	4½	4¾
Wt. Doz., Lbs.	5	6
Per Dozen	$33.35	37.50

One-half Dozen in a Box.

Oval Varnish Brushes.

STERLING



Warranted All White Bristles, Wire Wound Ferrule.

Nos.	6	5	4	3	2	1
Length of Stock In.....	1⅞	1⅞	2	2	2⅜	2½
Weight Per Dozen, Lbs..	1	1¼	1½	1¾	2	2¼
Per Dozen	$3.25	3.80	4.15	4.50	5.00	5.85

Nos.	1-0	2-0	3-0	4-0	5-0	6-0
Length of Stock, In.....	2⅝	3	3⅛	3⅜	3⅝	3⅞
Weight Per Dozen, Lbs..	2½	3	3½	4	4½	5
Per Dozen	$7.50	8.70	10.00	12.25	14.50	17.50

One-half Dozen in a Box.

Varnish Brush Assortment.

LEADER

Per Assortment

No. 2—Leader Varnish Brush Assortment, Containing Three Dozen Assorted 1, 1½, 2 and 2½ in. Chinese Bristle Flat Varnish Brushes $6.15

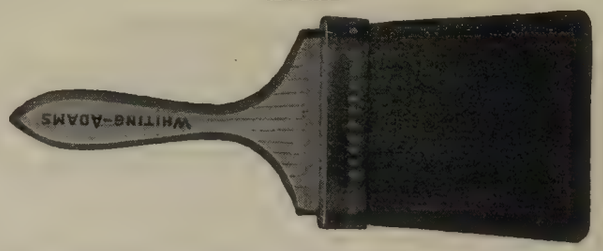
Weight Per Assortment About 6 Pounds.

Stucco Brushes.

ACHILLES

Extra Long White Russia Bristles, Leather Bound.		
Nos.	130	135
Width, Inches	3½	4
Length of Stock, Inches	4⅛	4½
Weight Per Dozen About, Lbs.	6½	7
Per Dozen	$28.35	35.60

AJAX



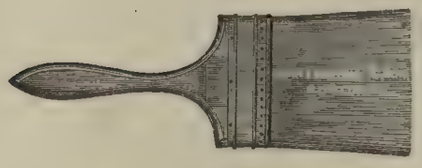
Long Black Chinese Bristles, Extra Quality, Leather Bound.		
Nos.	30	35
Width, Inches	3½	4
Length of Stock, Inches	4⅛	4½
Weight Per Dozen About, Lbs.	6	7
Per Dozen	$22.25	29.50

One-half Dozen in a Box.

Length of Stock Given is Clear of Ferrule.

Wall Brushes.

A. W. DUDE



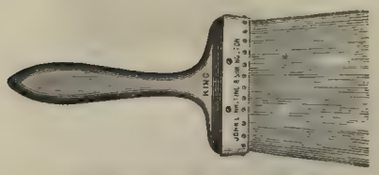
All White Stock, Metallic Bound.				
Nos.	23	23½	24	24½
Width, Inches	3	3½	4	4½
Length of Stock Inches	2¼	2¼	2½	2¾
Wt. Per Dozen About, Lbs.	4	5	6	7
Per Dozen	$4.25	5.25	6.25	7.80

BLACK COMET

Black Chinese Bristles, Fine and Elastic, Metallic Bound.				
Nos.	203	203½	204	204½
Width, Inches	3	3½	4	4½
Length of Stock, Inches	2¼	2½	2⅞	2⅞
Wt. Per Dozen About, Lbs.	4	5	6	7
Per Dozen	$4.25	5.00	5.60	6.90

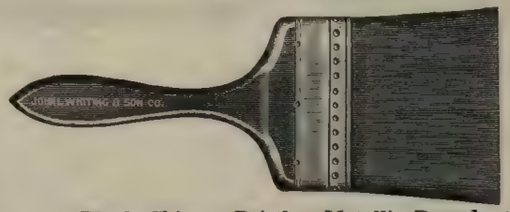
One-half Dozen in a Box.

HARD PAN



All White Stock, Metallic Bound.				
Nos.	303	303½	304	304½
Width, In.	3	3½	4	4½
Lgth. Stock, In.	3¼	3½	3¾	4
Wt. Doz., Lbs.	4½	5½	6½	7½
Per Dozen	$5.40	6.25	8.00	11.15

BLACK AJAX



Black Chinese Bristles, Metallic Bound.				
Nos.	403	403½	404	404½
Width, In.	3	3½	4	4½
Lgth. Stock, In.	2⅞	3⅛	3¼	3½
Wt. Doz., Lbs.	5	6	7	8
Per Dozen	$5.60	7.25	11.15	14.15

O. K.

All White Good Quality Bristles, Long Stock, Brass Bound.				
Nos.	6	7	8	9
Width, In.	3	3½	4	4½
Lgth. Stock, In.	4⅝	4⅝	4⅝	5⅛
Wt. Doz., Lbs.	6	8	10	12
Per Dozen	$13.35	17.25	21.90	24.00

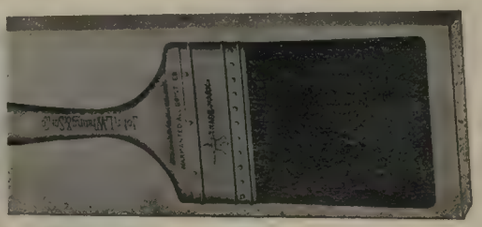
One-half Dozen in a Box.

BLACK PURITAN

Black Chinese Bristles, Very Fine and Elastic, Nickel Plated Ferrule.				
Nos.	50	60	70	80
Width, In.	2½	3	3½	4
Lgth. Stock, In.	3½	3¾	4	4¼
Wt. Doz., Lbs.	4	5½	6½	8
Per Dozen	$13.00	15.60	22.25	29.50

One-half Dozen in a Box.

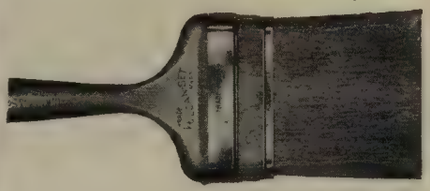
FLYER



Black Chinese Bristles, Very Fine and Elastic, Metallic Bound.	
No.	100
Width, Inches	4
Length of Stock, Inches	4
Weight Per Dozen About, Lbs.	8
Per Dozen	$23.35

One-twelfth Dozen in a Box.

VULCAN SET

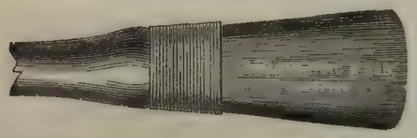


No. 585—Best Black Bristle, Long Stock, Nickel Ferrule.				
Width, In.	3	3½	4	4½
Lgth. Stock, In.	3¾	3⅞	4	4¼
Wt. Doz., Lbs.	6	7	8	9
Per Dozen	$16.70	20.60	26.65	31.10

One-half Dozen in a Box.

Sash Tools.

ORDINARY



All White Bristles, Full Center, Solid Metal Ferrule.

Nos.	1	2	3	4
Length of Stock, Inches	1⅝	1⅝	1⅝	1⅝
Weight Per Dozen, Lbs.	½	¾	1	1¼
Per Dozen	$0.80	.90	1.20	1.45

Nos.	5	6	7	8
Length of Stock, In	1⅝	1¾	1⅞	1⅞
Weight Per Dozen, Lbs.	1½	2	2½	3
Per Dozen	$1.60	1.70	1.95	2.25

One Dozen in a Box.

COMET

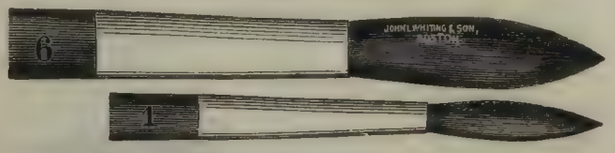
Fine Black Chinese Bristles, Chiseled Ends, Polished Cedar Handle, Nickel Plated Ferrule.

Nos.	3	4	5
Length of Stock, Inches	1½	1⅝	1¾
Weight Per Dozen, Lbs.	1¼	1½	1¾
Per Dozen	$1.85	2.25	2.50

Nos.	6	7	8
Length of Stock, Inches	1¾	1⅞	2
Weight Per Dozen, Lbs.	2¼	2¾	4
Per Dozen	$2.90	3.35	4.00

One Dozen in a Box.

Marking Brushes.



White Bristles, Cedar Handle, Tin Ferrule.

Nos.	1	2	3	4	5	6
Length of Stock, Inches	⅝	⅝	¾	⅞	⅞	1
Weight Per Dozen About, Lbs.	⅛	⅛	3/16	¼	5/16	½
Per Dozen	$0.70	.70	.70	.70	.70	.70

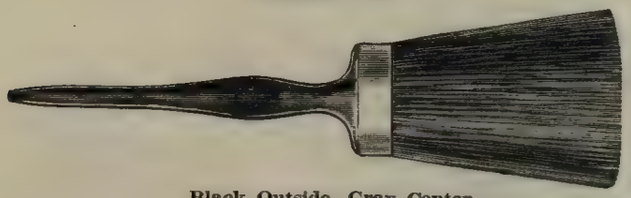
Per Dozen

Assorted Marking Brushes—Nos. 1 to 6 ..... **$0.70**

One Dozen in a Bundle; Six Dozen in a Box.

Painters' Dusters.

HARD PAN

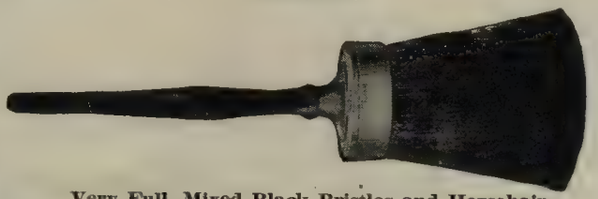


Black Outside, Gray Center.

Nos.	55	66	77	88
Diameter, Inches	2	2¼	2⅜	2½
Length of Stock, Inches	3¾	4	4¼	4½
Weight Per Dozen, Lbs.	4½	5	5½	6
Per Dozen	$8.35	9.60	11.45	14.50

One-half Dozen in a Box.

NUBIAN

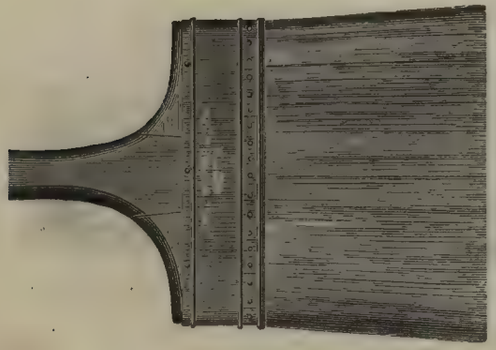


Very Full, Mixed Black Bristles and Horsehair.

Nos.	5	6	7	8
Diameter, Inches	2¼	2⅜	2⅜	2½
Length of Stock Inches	3⅝	4	4¼	4⅜
Weight Per Dozen, Lbs.	5½	6	6½	7
Per Dozen	$14.70	17.80	21.10	25.00

One-half Dozen in a Box.

Kalsomine Brushes.



MASCOT

All White Bristles Outside, Mixed Center, Metallic Bound.

Nos.	6	7	8
Width, Inches	6	7	8
Length of Stock, Inches	4	4¼	4¼
Weight Per Dozen, Lbs.	11	13	15
Per Dozen	$13.35	16.70	20.60

MECHANICS'

All White Selected Bristles, Metallic Bound.

Nos.	16	17	18
Width, Inches	6	7	8
Length of Stock, Inches	4	4⅛	4¼
Weight Per Dozen, Lbs.	11	13	15
Per Dozen	$23.35	30.00	41.70

STERLING

Extra Quality All White Bristles, Brass Bound.

Nos.	27	28
Width, Inches	7	8
Length of Stock, Inches	5	5¼
Weight Per Dozen, Lbs.	14	16
Per Dozen	$73.30	88.90

One-half Dozen in a Box.
Length of Stock Given is Clear of Ferrule.

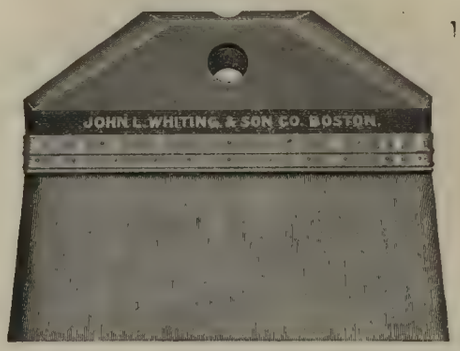
Whitewash Brushes.

HARD PAN

All White Stock, Mixed Quality, Metal Bound.

Nos.	1	3	5	7
Width, Inches	6½	7½	8½	9
Length of Stock, Inches	2½	2¾	2⅞	3
Weight Per Dozen, Lbs.	7½	9	11	14
Per Dozen	$5.90	7.25	8.90	10.25

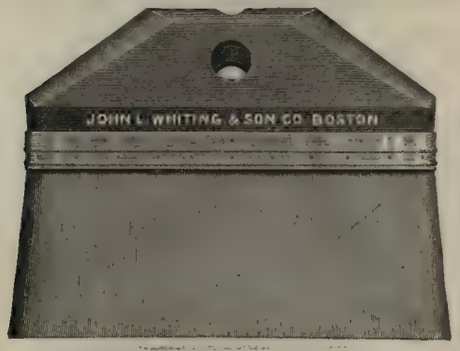
B.



White Bristles Outside, Mixed Center, Leather Bound.

Nos.	B5	B6	B8	B9	B10
Width, Inches	6½	7	8	8½	9
Length of Stock, Inches	2¼	2½	2⅞	3¼	3½
Weight Per Dozen, Lbs.	8	10	11	12	15
Per Dozen	$7.60	8.90	12.00	13.90	16.35

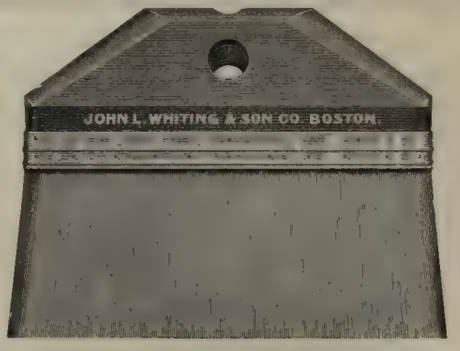
A. W. PRINCE



All White Stock, Good Quality, Metal Bound.

Nos.	11	13	15	17
Width, Inches	6½	7	8	9
Length of Stock, Inches	2¼	2½	2¾	3
Weight Per Dozen, Lbs.	7½	9	11	14
Per Dozen	$7.60	10.00	13.15	16.70

AJAX



All White Bristles, Good Quality, Metal Bound.

Nos.	70	80	90
Width, Inches	7	8	9
Length of Stock, Inches	3⅛	3½	3¾
Weight Per Dozen, Lbs.	9	11	14
Per Dozen	$17.35	23.35	29.70

EXTRA FINE

All Pure Russia Bristles, Leather Bound, Double Nailed.

Nos.	10	12	14
Width, Inches	7½	8	8½
Length of Stock, Inches	3½	3⅝	3⅞
Weight Per Dozen, Lbs.	10	13	15
Per Dozen	$38.90	44.50	59.00

PEARL

Selected Pure White Russia Bristles, Brass Bound.

Nos.	2-0	3-0	4-0	5-0	6-0	7-0
Width, Inches	8½	9	9	9	9	9
Length of Stock, In.	4	4½	4¾	5	5⅛	5¼
Weight Per Doz, Lbs.	12	15	15½	16	16½	17
Per Dozen	$61.15	72.75	84.50	97.25	116.70	131.15

One-half Dozen in a Box.

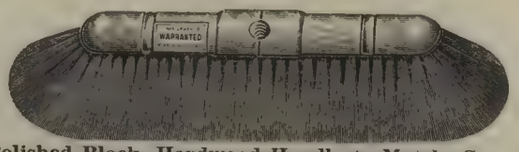
Length of Stock Given is Clear of Ferrule.

Floor Brushes.

Red Polished Block, Hardwood Handle to Match, Wire Fastened, Two Holes for Handle.

	Per Dozen
No. 12—12 in. Block, Selected Black Horse Hair, 2⅝ in. Out of Block, Weight Per Dozen About 15 Lbs.	**$17.80**
No. 14—14 in. Block, Selected Black Horse Hair, 2⅝ in. Out of Block, Weight Per Dozen About 18 Lbs.	**21.15**
No. 16—16 in. Block, Selected Black Horse Hair, 2⅝ in. Out of Block, Weight Per Dozen About 20 Lbs.	**24.50**
No. 24—14 in. Block, Black and White Bristles, Weight Per Dozen About 18 Lbs.	**26.65**

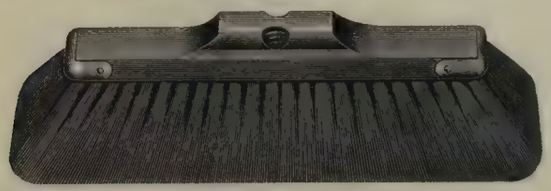
One-twelfth Dozen in a Box.



Red Polished Block, Hardwood Handle to Match, Cement Set, Two Holes for Handle.

	Per Dozen
No. 140—14 in. Block, Selected Quality Mixed Gray Russia Bristles, 3⅝ in. Out of Block, Weight Per Dozen About 17 Lbs.	**$41.15**
No. 160—16 in. Block, Selected Quality Mixed Gray Russia Bristles, 3⅝ in. Out of Block, Weight Per Dozen About 20 Lbs.	**46.70**
No. 180—18 in. Block, Selected Quality Mixed Gray Russia Bristles, 3⅝ in. Out of Block, Weight Per Dozen About 24 Lbs.	**53.35**

One-twelfth Dozen in a Box.



4½ in. Long Selected Quality Mixed Gray Russia Bristles, 3¾ in. Out of Block, Square End Wood Block with Rubber Bumpers on Ends, Cement Set, Two Holes for Handles.

Nos.	240	260	280
Length of Block, Inches	14	16	18
Ap. Wt. Per Dozen, Lbs.	21	24	27
Per Dozen	**$47.80**	**53.35**	**57.75**

One-twelfth Dozen in a Box.

Gray Fibre Center with Black Hair Casing, 2¾ in. Out of Block, Wire Fastener, Square End Red Polished Hardwood Block, with 54 in. Handle, Two Holes for Handle.

Nos.	734	736
Length of Block, Inches	14	16
Ap. Weight Per Dozen, Lbs.	18	24
Per Dozen	**$14.50**	**17.20**

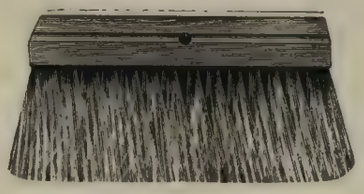
One-twelfth Dozen in a Box.

Street Brooms.

BASS

7 in. Long Extra Stiff African Bass, Pitch Set, Solid Wood Block.

	Per Dozen
No. 6—14 in. Block, 4 Rows. Weight Per Dozen About 33 Pounds. Open Stock.	**$11.15**



7 in. Long Extra Stiff African Bass, Pitch Set, Solid Wood Block.

	Per Dozen
No. 10—16 in. Block, 6 Rows. Weight Per Dozen About 45 Pounds. Open Stock.	**$18.90**

RATTAN

6 in. Long Stock, Solid Block, with Handle.

Nos.	1	2
Length, Inches	12	14
Rows	4	4
Ap. Weight Per Dozen, Lbs.	24	27
Per Dozen	**$8.90**	**10.00**

STEEL

5 in. Flat Steel Wire, Solid Block, with Handle.

Nos.	3	4
Length, Inches	12	14
Rows	4	4
Ap. Weight Per Dozen, Lbs.	30	35
Per Dozen	**$9.50**	**10.00**

Open Stock.

Window Cleaners.

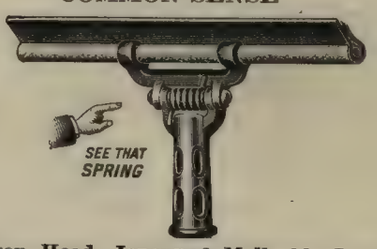
XLCR.

Galvanized Iron Head, Japanned Steel Socket, Double Rubber.

Nos.	30	32	34	36	38
Inches	10	12	14	16	18
Ap. Wt. Per Dozen, Lbs.	5	5½	6	6½	7
Per Dozen	$3.20	3.60	4.00	5.00	6.00

One Dozen in a Box.

COMMON SENSE



Galvanized Iron Head, Japanned Malleable Iron Socket and Spring, Double Rubber, Adjustable to Any Angle.

Nos.	2	4	6
Inches	12	14	16
Ap. Wt. Per Dozen, Lbs.	7½	8	8½
Per Dozen	$4.50	5.00	5.60

One Dozen in a Box.

Window Cleaners.

JANITORS' SPECIAL

Brass Head, Detachable Brass Handle, Double Rubber.

No.	77
Inches	16
Approximate Weight Per Dozen, Lbs.	13½
Per Dozen	$18.90

One-half Dozen in a Carton.

Floor Cleaners.

Hardwood Block, ¼ in. Rubber, without Handle.

Nos.	22	24
Inches	12	14
Approx. Weight Per Dozen, Lbs.	10	12
Per Dozen	$5.00	5.60

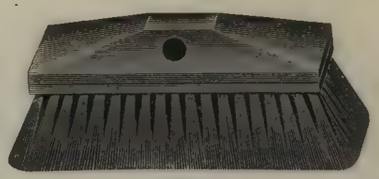
Open Stock.

Window Brushes.

Oblong, Oval Back.

	Per Dozen
No. 2/0—8½x2½ in. Block, All White Tampico, 2¾ in. Out of Block, Wire Fastened, Weight Per Dozen About 12 Lbs.	$4.50
No. 3/0—8½x2½ in. Block, All Black Horse Hair, 2⅝ in. Out of Block, Weight Per Dozen About 12 Lbs.	7.80

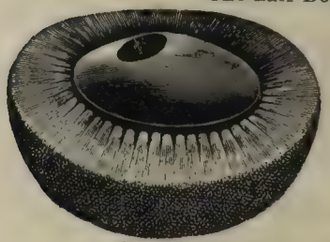
One-half Dozen in a Box.



Oblong.

	Per Dozen
No. 4/0—8½x2¾ in. Block, Selected Quality Extra Stiff Black Horse Hair, 2½ in. Out of Block, Weight Per Dozen About 13 Lbs.	$16.70
No. 5/0—8x2½ in. Block, Heavy Set Black Horse Hair Center, Silver Gray Outside, 2⅜ in. Out of Block, Weight Per Dozen About 11 Lbs.	12.25

One-half Dozen in a Box.



No. 11.

POPE'S EYE

	Per Dozen
No. 11—8½ in. Diameter, 3 in. All Black China Bristles, Red Polished Block	$10.60

Weight Per Dozen About 9 Pounds.

One-half Dozen in a Box.

Window Brush Handles.

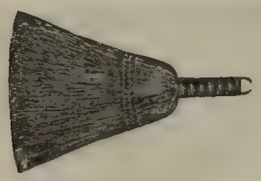
1⅛ in., Basswood, Extra Finish.

Length, Feet	8	10	12
Approximate Weight Per Dozen, Lbs.	1¼	1½	1¾
Per Dozen	$2.25	3.00	4.15

One Dozen in a Bundle.

Brooms.

WHISK



Selected Corn.

	Per Dozen
No. 0—Three String, Plain Wrapped Handle	$3.00
No. 1—Three String, Black Enameled Wood Handle	3.00

Weight Per Dozen About 6 Pounds.

One Dozen in a Bundle.

PARLOR AND HOUSE

Best Quality Corn.

	Per Dozen
No. 1—Parlor, Four String, Velvet Cap, Varnished and Striped Handle, Weight Per Dozen About 27 Lbs.	$8.35
No. 10—House, Three String, Ring Neck, Plain Selected Handle, Weight Per Dozen About 24 Lbs.	7.25
No. 12—House, Four String, Ring Neck, Plain Selected Handle, Weight Per Dozen About 26 Lbs.	7.80

One Dozen in a Bundle.

MILL

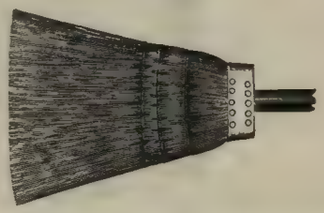
All Broom Corn.

	Per Dozen
No. 15—Heavy, Bound with Two Galvanized Wires and One Heavy String, Plain Selected Handle	$8.35

Weight Per Dozen About 36 Pounds.

One Dozen in a Bundle.

MILL AND WAREHOUSE



Heavy Corn and Japanned Fibre Mixed.

	Per Dozen
No. 20—Heavy, Bound with Heavy Steel Band Head, Painted Green, One Galvanized Steel Wire and Two Heavy Strings, Plain Selected Handle	$9.50

The Steel Head of No. 20 is very securely nailed together. By this method it is impossible for the Broom to work loose on the handle, or the material to fall out.

Weight Per Dozen About 36 Pounds.

One Dozen in a Bundle.

Broom Holders.

CADY

Lacquered.

	Per Card
No. 25—One Piece Bright Spring Steel, Will Hold Any Broom, Mop, Whisk Broom or Similar Article	$1.15

Weight Per Dozen About 1 Pound.

Two Dozen on a Display Card.

Sweeping Lavo.

A Sanitary Sweeping Powder.

40 Lb. Pails	Per Pail, $2.35
100 Lb. Drums	Per Drum, 4.25
200 Lb. Barrels	Per Barrel, 8.25
300 Lb. Barrels	Per Barrel, 12.25

Sweeping Lavo is absolutely non-combustible and contains no free oil to stain your floors.

Carpet Sweepers.

VICTORY

Oak or Sycamore Case.

Per Dozen

No. 20—Japanned Trimmings, Rubber Tired Wheels, Bristle Brush, Automatic Dumping Device, Braided Band Surrounding Case to Prevent Marring of Furniture **$40.00**

Weight Per Dozen About 90 Pounds.

PARLOR QUEEN

Imported Rosewood Veneered Case, Finest Hand Polished Finish.

Per Dozen

No. 30—"Cyco" Ball Bearings, Nickel Plated Trimmings, Rubber Tired Wheels, Bristle Brush, Automatic Dumping Device, Braided Band Surrounding Case with Rubber Corner Cushions to Prevent Marring of Furniture **$48.90**

Weight Per Dozen About 110 Pounds.

One Dozen in a Case.

UNIVERSAL

Fumed Oak, Golden and Nut Brown, and Mahoganized Sycamore Case.

Per Dozen

No. 40—"Cyco" Bearings, Japanned Trimmings, Rubber Tired Wheels, Bristle Brush, Dust Proof Axle Tubes and Anti-Raveler Device, Automatic Dumping Device, Braided Band Surrounding Case to Prevent Marring of Furniture **$48.90**

Weight Per Dozen About 95 Pounds.

AMERICAN QUEEN

Plain Mahogany Veneer Case, Hand Polished.

Per Dozen

No. 60—"Cyco" Ball Bearings, Nickel Plated Trimmings, Rubber Tired Wheels, Bristle Brush, Dust Proof Axle Tubes and Anti-Raveler Device, Braided Band Surrounding Case with Rubber Corner Cushions to Prevent Marring of Furniture..... **$64.50**

Weight Per Dozen About 110 Pounds.

One Dozen in a Case.

GRAND

Golden Fumed Oak Case.

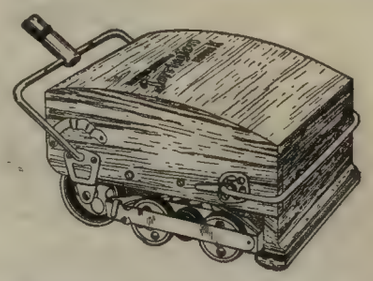
Per Dozen

No. 50—"Cyco" Ball Bearings, Nickel Plated Trimmings, Rubber Tired Wheels, Bristle Brush, Dust Proof Axle Tubes and Anti-Raveler Device, Automatic Dumping Device, Braided Band Surrounding Case, with Rubber Corner Cushions to Prevent Marring of Furniture..... **$84.50**

Weight Per Dozen About 160 Pounds.

One Dozen in a Case.

TORRINGTON, COMBINATION



Combination Vacuum Cleaner and Carpet Sweeper, Mahogany Finish Wood Case.

Each

Model K—13 in. Long, 10½ in. Wide, 7½ in. High, Ball Bearings, Nickel Plated Trimmings, Rubber Tired Wheels, Revolving Bristle Brush, Dust Proof Axle Tubes, Autotmatic Dumping Device, Nickel Plated Steel Bumper on Front, Three Oblong Bellows which Work Automatically and Suck Up All Dirt **$8.35**

Weight Each About 10 Pounds.

One in a Carton.

Pneumatic Cleaners.

REGINA

Hand Operated.

Heavy Sheet Steel Cylinder, Gray Enameled, Nickel Plated Sheet Steel Nozzle and Dust Bag Cap, Nickel Plated Steel Handle Fork, Two 4½ in. Gray Enameled Cast Iron Rubber Tired Wheels, 42 in. Polished Hardwood Handle with Threaded Nickel Plated Cap at End, Duplex Bellows which are Actuated by the Turning of the Wheels and which Instantly Respond to Every Movement of the Machine in Either Direction.

Each

No. F—18 in. Long, 8 in. Wide, 7½ in. High..... **$14.50**

Weight Each About 13 Pounds.

One in a Carton.

Electric.

Heavy Sheet Steel Cylinder, Gray Enameled, Solid Cast Aluminum Nozzle and Dust Bag Cap, Khaki Dust Bag on Inside of Tank, Fitted with Spiral Steel Wire Guard which Holds it in Position at all Times, Solid Cast Aluminum Motor and Fan Chambers, Two 3 in. Cast Iron Wheels with Rubber Tires, Stamped Handle Fork and Bracket, Hollow Steel Handle Fitted with Electric Plug at Bottom and Black Enameled Wood Knob at Top.

Each

No. C—22 in. Long, 7 in. Wide, 7½ in. High, Complete with 20 ft. of Insulated Electric Cord with Screw Plug **$62.25**

When Ordering No. C, Please Specify Whether Same is Wanted for Direct or Alternating Current.

Carpet Beaters.

CLEANER

Wood Handle. Per Dozen

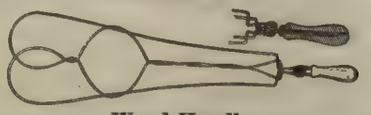
No. 12—28 in. Long, 9x10 in. Blade, No. 12 Galvanized Wire, Weight Per Dozen About 6 Lbs. $1.90

No. 11—32 in. Long, 9x10 in. Blade, No. 11 Tinned Wire, Weight Per Dozen About 7½ Lbs..... 2.70

No. 10—36 in. Long, 10x14 in. Blade, No. 10 Galvanized Wire, Weight Per Dozen About 10 Lbs..... 3.60

Four wires extend from Beater nearly through Handle. One wire is driven through, bent and driven back into Handle so it will not come off or turn around.

WATERLOO



Wood Handle. Per Dozen

No. 15—24 in. Long, No. 12 Galvanized Wire, Weight Per Dozen About 4½ Lbs..... $2.25

No. 20—33 in. Long, No. 10 Galvanized Wire, Weight Per Dozen About 8½ Lbs..... 3.90

Made with a Spring at the Handle, by which the jar on the hand is saved. Is much more effective than one with an open center.

CHAMPION

Per Dozen

No. 1—29 in. Long, Coppered Steel Wire, Wood Handle $2.25

Weight Per Dozen About 7 Pounds. One Dozen in a Bundle.

JUST-RIGHT

Per Dozen

No. 50—30 in. Long, No. 10 Coppered Wire, Double Braced Shank, Raised Wood Handle..... $1.70

Weight Per Dozen About 7¼ Pounds.

Sad Irons.

ASBESTOS LINED LAUNDRY

Nickel Plated, Enameled Wood Handle. Per Set

No. 70—Set Consists of Two 7 Lb. and One 6 Lb. Double Pointed Cores with 3¼x6½ in. Face, Asbestos Lined Hood with Handle and Lock Complete, and One 6x6 in. Asbestos Covered Stand..... $2.70

Weight Per Set About 18 Pounds.

Nickel Plated, Enameled Wood Handle. Per Set

No. 100—Set Consists of Two 7 Lb. Double Pointed and One 6 Lb. Square Heel Cores with 3¼x6½ in. Face, Asbestos Lined Hood with Handle and Lock Complete, and One 6x6 in. Asbestos Covered Stand $2.90

Weight Per Set About 19 Pounds.

One Set in a Sliding Cover White Pine Box.

EXTRA PARTS FOR Nos. 70 AND 100 LAUNDRY SETS

Per Dozen

No. 71—Hood, for Laundry and Pressing Irons..... $11 60

No. 72—Double Pointed Cores..... 7.15

No. 102—Square Heel Cores..... 11.60

SLEEVE

Nickel Plated. Per Dozen

No. 40—Asbestos Lined Hood with Handle and Lock, One Core with 2½x4¾ in. Face, and Asbestos Covered Stand. $7.15

Weight Per Set About 2½ Pounds.

FLOUNCE

Nickel Plated. Per Dozen

No. 50—Asbestos Lined Hood with Handle and Lock, One Pointed Core with 2½x6¾ in. Face $8.90

Weight Per Set About 4 Pounds.

One Dozen in a Box.

TOURIST

Nickel Plated. Per Dozen

No. 10—Asbestos Lined Hood with Handle and Lock, One Oval Core with 1⅞x4¼ in. Face, and One Pressed Steel Stand $4.50

Weight Per Set About 1½ Pounds.

LAUNDRY

Nickel Plated, Enameled Wood Handle. Per Set

No. 60—Set Consists of Three 4½ Lb. Double Pointed Cores, Nickel Plated Hood with Lock Lever and Handle, and One Asbestos Covered Stand $1.56

Weight Per Set About 15 Pounds.

One Set in a Fibre Carton.

LACE

Nickel Plated. Per Dozen

No. 910—Hood with Lock Lever and Handle, and One Double Pointed Core, An Iron for All Kinds of Lace $2.25

Weight Per Dozen About 16 Pounds.

One Dozen in a Box.

"UNIVERSAL" THERMO-CELL Sad Irons. MARVEL GASOLINE

Nickel Plated. **Per Dozen Sets**

No. 123—Set Consists of One Each 4½, 5 and 6 Lb. Double Pointed Thermo-Cell Irons, One Patented "Universal" Gravity Lock Handle and One Stand **$36.70**

The Thermo-Cell is a sealed air chamber permanently surrounding the top surface of each iron. A dead air space being a non-conductor of heat, the Thermo-Cell insulates the entire upper surface of the iron and prevents the radiation of its heat.

Weight Per Set About 17 Pounds.
One Set in a Box.

Nickel Plated. **Each**

No. 5—3¼x7 in. Face, Cast Iron Double Pointed Core, Brass Generator, Valve, and Burner, Brass Safety Valve on Tank Nut, Black Enameled Wood Handle **$5.80**

The Marvel Gasoline Sad Iron generates its own heat which is applied directly and constantly. It maintains an even live heat at the will of the operator.

Weight Each About 7 Pounds.
One in a Carton.

PELOUZE UNIVERSAL ELECTRIC

Control of Temperature Current On.

When Not in Use.

Showing Simplicity in Construction.

Full Nickel Plated, Asbestos Filled Iron Body, Enameled Wood Handle. **Each**

No. 1—Weight About 4 Lbs., 250 Watts, 105 to 115 Voltage, for Either Direct or Alternating Current..... **$7.60**

No. 2—Weight About 6½ Lbs., 400 Watts, 105 to 115 Voltage, for Either Direct or Alternating Current..... **7.60**

One in a Carton.

Heating Elements—For No. 2 Pelouze Universal Electric Sad Irons ..... **Each $3.35**

Extra Cords—For Nos. 1 and 2 Pelouze Universal Electric Sad Irons **2.50**

DOVER ELECTRIC

Full Nickel Plated Top, Steel Blue Finish Base, Solid Iron Core, Black Enameled Wood Handle. **Each**

No. 6—Weight About 6 Lbs., 110 or 120 Voltage, for Either Direct or Alternating Current, Detachable Plug, 6 ft. Feed Cord with Improved Attachment Plug, Heavy Sheet Steel Stand **$5.00**

One in a Carton.

No. 6.

UNIVERSAL ELECTRIC

Full Nickel Plated Top, Elcetric Thermo-Cell Iron Core, with Stand, Black Enameled Wood Handle. **Each**

No. E901N—Weight About 6 Lbs., 110 Voltage, for Either Direct or Alternating Current, Detachable Triple Contact Terminal Plug, 8 ft. Mercerized Silk Finish Flexible Cord, Shipping Weight About 8½ Lbs. **$7.80**

One in a Wood Box.

No. E901N.

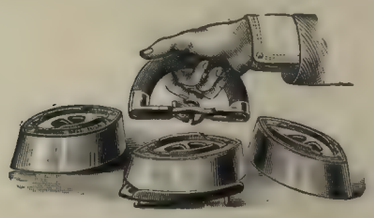
These Irons can be attached to any Electric Lamp Socket. **When ordering, specify for what Voltage Irons are to be Used.**

ENTERPRISE

Mrs. Pott's, Nickel Plated. **Per Set**

No. 50—Tinned Caps, Double Pointed "Best" Handle with Tinned Forged Iron Stretcher, Japanned Iron Stand..... **$1.80**

Weight Per Set About 16 Pounds.



No. 50.

MRS. POTTS' STANDARD

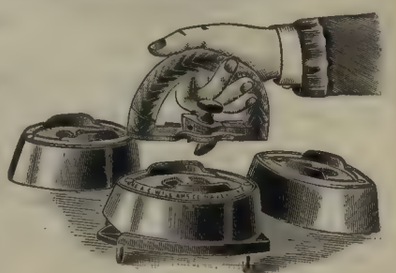
Mrs. Pott's Pattern, Nickel Plated.

Per Set

No. 50W—Tinned Caps, Double Pointed, Wood Handle with Tinned Iron Stretcher, Japanned Iron Stand..... **$1.60**

No. 50A—Aluminum Plated Caps, Otherwise Same as No. 50W..... **1.35**

Weight Per Set About 15½ Pounds.
Six Sets in a Box.



Nos. 50W and 50A.

COMMON

No. 20—Silver Polished Face.

Ap. Weight, Lbs	5	6	7	8	9
Per Pound	$0.08	.08	.08	.08	.08

Separate Sizes, 100 Lbs. in a Case; Assorted Sizes, 100 Lbs. in a Case, 5 to 8, 5 to 9, 6 to 8 and 6 to 9 Lbs.

No. 20.

POLISHING

Perforated Face. **Per Dozen**

No. 25—Troy Polishing, Polished..... **$7.80**

Weight Each About 4 Pounds.
One Dozen in a Box.

No. 25.

Sad Irons.

Nos. 3 and 4.

CHARCOAL

FAMILY

Polished Body, Wood Handle, with Shield.

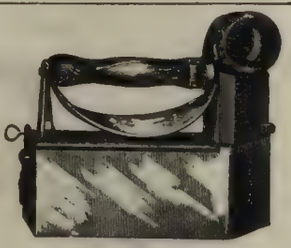
Nos.	3	4
Weight Each About, Lbs.	6½	7
Per Dozen	$20.00	20.00

TAILORS'

Polished Body, Wood Handle, with Shield.

Nos.	16	18
Weight Each, Lbs.	16	18
Per Dozen	$50.00	50.00

One-half Dozen in a Case.



Nos. 16 and 18.

No. 15.

TAILORS' GEESE

COMMON

Per Pound

No. 15—Polished Face, Weights About 12, 14, 16, 18, 20, 22, 24, 26, 28 and 30 Lbs. $0.10

SENSIBLE

Per Pound

No. 16—Extra Polished Face, without Handle, Weights About 16, 20, 24 and 28 Lbs. $0.11

Per Dozen

No. 26—Detachable Handle, for No. 16 Sensible Tailors' Geese $8.00

No. 16.

TOY

GIRLS'

Solid Handle. Per Dozen

No. 5—Polished Face, Weight Each About 2 Lbs. $3.90

No. 6—Polished Face, Weight Each About 3 Lbs. 4.50

No. 8—Nickel Plated Face, Wt. Each About 3 Lbs. 6.15

One Dozen in a Box.

IDEAL

Nickel Plated. Per Dozen

No. 188—Gold and Silver Bronzed Top and Handle, Coppered Stand, Weight Each About 10½ Oz. $1.90

One Dozen in a Box.

WILLIAMS'

Rounded, Detachable Black Walnut Handle, with Stand, Nickel Plated and Bronze Top.

Per Dozen

No. 92—Double Pointed, One End Wt. Each About 1¼ Lbs. ... $3.90

One-twelfth Dozen in a Box.

STREETER'S

Nickel Plated.

Per Dozen

No. 16—Double Pointed, Detachable Handle, with Stand, Weight Each About 1 Lb. $3.90

One Dozen in a Box.

No. 16.

BABY

Nickel Plated.

Per Dozen

No. 600—3½ in. Long, Double Pointed Core with Pressed Steel Hood, Black Enameled Hardwood Handle, Weight Each About 12 Oz. $1.80

The Hood is fastened to the Core by a claw which turns on a swivel and catches a pin projecting from the top of the core.

One Dozen in a Box.

No. 600.

Sad Iron Handles.

Cut Showing Position of Iron When Not in Use. Per Dozen

No. 200—"The Best" Combination, Walnut Handle, Tinned Forged Iron Stretcher, Wire Side Rest $5.40

Weight Per Dozen About 8 Pounds.

The Wire Side Rest serves the purpose of a Stand. It also prevents the iron when not in use from being scratched or defaced.

One-half Dozen in a Package.

Per Dozen

No. 100—Walnut Finish Handle, Tinned Iron Stretcher $1.70

No. 150—Walnut Finish Handle. Japanned Cast Iron Stretcher 1.25

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Per Dozen

No. 21—"Ober," Walnut Handle, Nickeled Iron Stretcher $1.90

From its peculiar shape it will not cramp the hand. Has no wooden knob on the catch to break off. Screws fastening handle will not get hot and become loose,

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

Sad Iron Stands.

Cast Iron. Per Dozen

No. 160—Improved, Japanned, for Mrs. Potts' Sad Irons $1.45

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

Sad Iron Heaters.

Adams', Cast Iron.

Per Dozen

No. 5—10¼ in. Diameter, for Gas, Gasoline and Oil Stoves $4.50

Weight Per Dozen About 35 Pounds.

One-half Dozen in a Case.

Thermometers.

Common Grade.

No. 5440—Japanned Tin Case, Lithographed Metal Scale, **Mercury** Tube.

Inches	8	10
Per Dozen	$2.00	2.50

No. 5440/S—Japanned Tin Case, Lithographed Metal Scale, **Spirit** Tube.

Inches	8	10
Per Dozen	$2.00	2.50

Weight Per Dozen About 2 Pounds.

One-half Dozen in a Box.

Common Grade.

No. 5140/S—Birch Wood Back, Oval Edge, Black Oxidized Brass Scale, **Spirit** Tube.

Inches	8	10
Per Dozen	$4.90	6.15

Weight Per Dozen About 4½ Pounds.

One Dozen in a Box.

Standard Grade.

No. 5100—Distance Reading, Ebony Back, Black Oxidized Brass Scale, Magnifying Mercury Tube, White Filled Alternating Figures and Graduations.

Inches	8
Per Dozen	$20.00

No. 5101—Same Description as No. 5100, but for Indoor Use.

Inches	6
Per Dozen	$17.80

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Medium Grade.

No. 5410/S—Japanned Tin Case, Silvered Metal Scale, **Spirit** Tube.

Inches	10
Per Dozen	$15.00

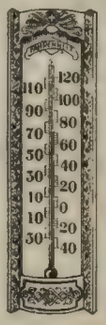
Standard Grade.

No. 5400—Heavy Japanned Tin Case, Heavy Silvered Metal Scale, **Mercury** Tube, Tested and Guaranteed.

Inches	10
Per Dozen	$19.25

Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.



Common Grade.

No. 5160/S—Distance Reading, Lithographed Tin Case and Scale, Magnifying **Spirit** Tube.

Inches	8	10
Per Dozen	$2.25	2.80

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Common Grade.

No. 5162—Distance Reading, Birch Wood Back, Lithographed Tin Scale, Magnifying Spirit Tube.

Inches	8	10
Per Dozen.	$2.90	3.75

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

Common Grade.

No. 5212—Wood Back, Black Enameled Scale, Sunk **Mercury** Tube, White Figures, Nickel Trimmings.

Inches	8
Per Dozen	$2.70

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Medium Grade.

No. 5154/S—Distance Reading, Coppered Case, Black Oxidized Brass Scale, White Figures, Magnifying **Spirit** Tube.

Inches	8
Per Dozen	$8.15

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Medium Grade.

No. 5150/S—Distance Reading, Oak Wood Back, Beveled Edge, Black Oxidized Brass Scale, White Filled Figures, Magnifying Spirit Tube.

Inches	8
Per Dozen	$8.90

No. 5121/S—Distance Reading, Same as Above, for Indoor Use, Approximate Range 20° to 100° F. Above.

Inches	6
Per Dozen	$8.90

Weight Per Dozen About 4½ Pounds.

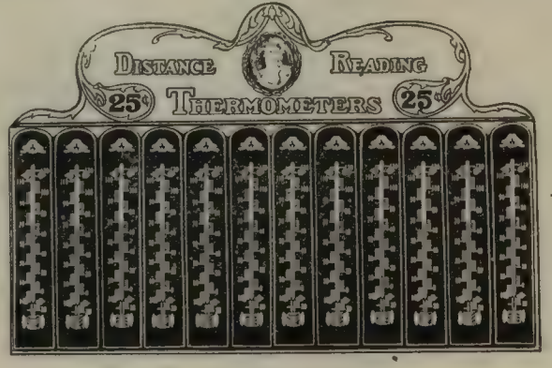
One Dozen in a Box.

IN ASSORTMENTS

Per Dozen

No. 2045—Assortment, Wood Back, Varnished, Mounted One-half Dozen on a Card.....$4.50

Weight Per Dozen About 3¼ Pounds.



Common Grade.

Per Dozen

No. 5170—Assortment, Distance Reading, Wood Back, Varnished Mahogany Finish, Magnifying Spirit Tube, Mounted One Dozen on Heavy Ornamental Easel Back Card.....$4.50

Weight Per Dozen About 3 Pounds.

Thermometers.

IN ASSORTMENTS

Per Dozen

No. 5151—8 in. Long, 2½ in. Wide, Wood Backs, Assorted Finishes, Easy Reading, Red Spirit Tubes, Brass Scales, White Fitted Graduations, Graduated from About 10° to 50° Below to 120° Above Zero, One Dozen in a Red Imitation Leather Display Box **$7.80**

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

GLASS WINDOW

Medium Grade.

No. 5276/S—Plate Glass, Polished, Beveled Edge, White Enameled Face, Spirit Tube, Nickel Plated Arms for Attaching to Window.

Inches 8
Per Dozen. **$15.60**

Inches 10
Per Dozen. **$18.90**

Weight Per Dozen About 5 Pounds.
One-twelfth Dozen in a Box.

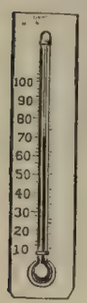
INCUBATING

Angle Pattern.

Per Dozen

No. 5774—4 in., Black Oxidized Brass Scale, White Filled Figures, Graduated from 90° to 110°, **Mercury** Tube, Flange on Upper Edge Turned Over so as to Hook on Wire or Metal Strip.... **$10.60**

Weight Per Dozen About 1½ Pounds.



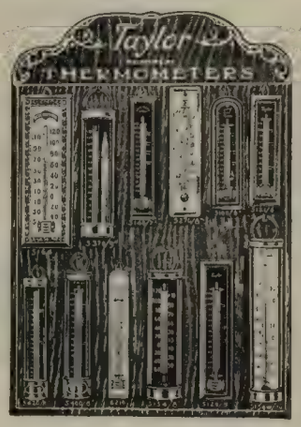
BROODER

Common Grade.

Per Dozen

No. 5794—5 in., Silvered Brass Scale, Black Filled Figures and Graduations, Graduated from 10° to 110°, **Mercury** Tube **$4.50**

Weight Per Dozen About 1 Pound.



Per Assortment

No. 0—Assortment, Contains 19 Assorted Thermometers, to Retail at 25 Cents to $1.25 Each, Mounted on Heavy Cardboard Easel.... **$13.35**

Weight Per Assortment About 12 Pounds.
One Assortment in a Box.

CHANDELIER

Standard Grade.

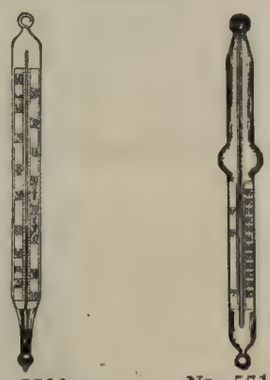
Per Dozen

No. 5350—6½x1¾ in., Black Oxidized Brass Scale, Nickel Plated Ends, Large Bore Red **Spirit** Tube, with Chain and Snap, for Attaching to Chandelier. **$31.10**

Weight Per Dozen About 6½ Pounds.

One-twelfth Dozen in a Box.

DAIRY



No. 5720. No. 5710.

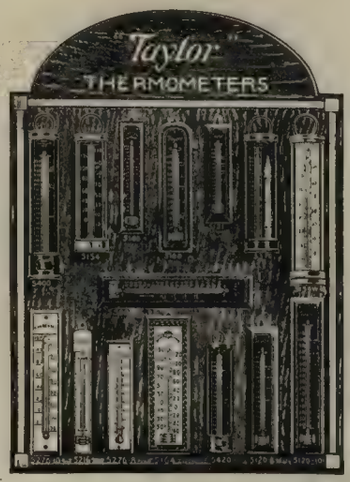
Round Glass, Floating.

Per Dozen

No. 5720—8 in., Common Grade, Large Easy Reading Flat Scale, **Spirit** Tube, Shot Weighted **$2.80**

No. 5710—10 in., Medium Grade, Hand Written Paper Scale, 2° Graduations, with Flotation Bulb to Float the Scale Above the Cream, **Mercury** Tube **6.90**

Weight Per Dozen About 2 Pounds.
One in a Carton, One Dozen in a Box.

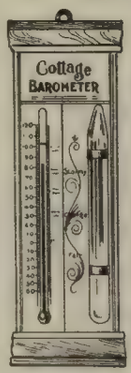


Per Assortment

No. 1—Assortment, Contains 37 Assorted Thermometers (15 Styles), to Retail from 25 Cents to $1.25 Each, Mounted on Green Wax Finish Oak Display Board.. **$26.65**

Weight Per Assortment About 44 Pounds.
One Assortment in a Box.

COTTAGE BAROMETER AND THERMOMETER



Common Grade.

Per Dozen

No. 5376 — 8¾x3 in., Varnished Wood Ends, Lithographed Tin Scale and Background, Nickeled Wire Rods, **Spirit** Tube, with Storm Glass **$2.60**

Weight Per Dozen About 5 Pounds.

One in a Carton, One Dozen in a Box.

FLANGE DAIRY

Common Grade.

No. 5740—Nickeled Brass Scale, Figures and Graduations, Sliding Guard, White Back Mercury Tubes.

Inches	8	10
Per Dozen	$5.60	6.70

Weight Per Dozen About 4 Pounds.

Tracing Wheels.

Single.

Per Dozen

No. 135—Polished Steel Post, Black Enameled Wood Handle $0.70

No. 140—Nickel Plated Steel Post, Black Enameled Wood Handle ..... .90

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Double.

Per Dozen

No. 145—Adjustable, Polished Steel Post, Black Enameled Wood Handle..... $1.70

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

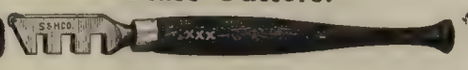
Glass Cutters.

Red Devil, Magazine.

Per Dozen

No. 5—Damascus Coal Carbon Disk Wheel, Rubberoid Handle, with Six Extra Wheels in Chamber of Handle..... $5.00

Weight Per Dozen About 1¼ Pounds.



Black Diamond.

Per Dozen

No. XXX—Best Quality Steel Wheel, Enameled Wood Handle $2.50

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Red Devil.

Per Dozen

No. 024—Damascus Coal Carbon Disk Wheel, Red Enameled Iron Handle, a Practical Glaziers' Tool $1.70

Weight Per Dozen About 1 Pound.

Red Devil.

Per Dozen

No. 3—3 in., 3 Damascus Coal Carbon Disk Wheels, Red Enameled Iron Handle, an Improved Glazier's Tool.... $4.50

Weight Per Dozen About 1 Pound.

One-twelfth Dozen in a Glove Kid Snap Button Case; One Dozen in a Box.

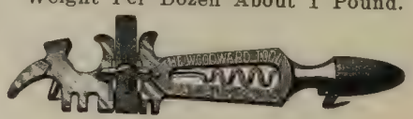
Woodward's.

Per Dozen

No. 0—Solid Steel, Combination Glass Cutter and Putty Knife $1.15

Weight Per Dozen About 1¼ Pounds.

One Dozen in a Box.



Woodward's.

Per Dozen

No. 2—Combination Glass Cutter, Knife Sharpener, Can Opener and Cork Screw.... $1.70

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Circular Glass Cutters.

Red Devil.

Per Dozen

No. 263—All Metal Base, Graduated Rod, 2 Extra Wheels in Hollow Head, Cuts Perfect Circles from 2 to 22 in..... $24.00

Weight Per Dozen About 3 Pounds.

Curling Irons.

Mustache.

Per Dozen

No. 8—6 in. Long, Polished Steel, Nickel Plated, Polished Wood Handle $0.90

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Curling Irons.

Little Princess.

Per Dozen

No. 11—7¾ in. Long, Polished Steel, Nickel Plated, Antique Oak Handles $1.00

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

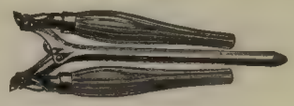
Langtry.

Per Dozen

No. 10—9½ in. Long, Polished Steel, Nickel Plated, Antique Oak Handles $1.15

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.



Tourist, Folding.

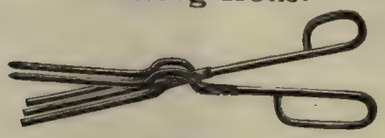
Per Dozen

No. 12—9¼ in. Long when Open, 5½ in. when Folded, Polished Steel, Nickel Plated, Antique Oak Handles..... $1.80

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Waving Irons.



Niagara.

Per Dozen

No. 5—9½ in. Long, 5 Prongs, Nickel Plated and Polished $2.80

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Pinking Irons.

No. 1—Diamond Teeth, Cast Steel, Polished.

Inches	⅜	½	⅝	¾	⅞	1
Ap. Wt. Per Dozen, Lbs.	½	¾	1	1½	2	2¾
Per Dozen	$1.60	1.60	1.60	1.60	1.60	1.60

No. 2—Scallop Teeth, Cast Steel, Polished.

Inches	⅜	½	⅝	¾	⅞	1
Ap. Wt. Per Dozen, Lbs.	½	¾	1	1½	2	2¾
Per Dozen	$1.60	1.60	1.60	1.60	1.60	1.60

One Dozen in a Box.

Clothes Wringers.

BRIGHTON, METAL BEARINGS

Warranted 1 Year.

Wood Frame, Flat Steel Spring, **Enclosed Gear,** Clamps Open 1⅝ in.

No.	**630**
Rolls, Inches	10x1¾
Wt. Per Dozen About, Lbs.	260
Per Dozen	**$59.00**

DOMESTIC, METAL BEARINGS

Warranted 3 Years.

Wood Frame, Flat Steel Springs, Clamps Open 1⅝ in., Special High Grade Rolls.

Nos.	**350**	**351**
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	250	265
Per Dozen	**$64.50**	**72.25**

KINGSTON, METAL BEARINGS

Warranted 3 Years.

Wood Frame, Spiral Steel Springs, Clamps Open 1⅝ in., Special High Grade Rolls.

Nos.	**310**	**311**
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	260	270
Per Dozen	**$64.50**	**72.25**

GUARANTEE, METAL BEARINGS

Warranted 5 Years.

Wood Frame, Flat Steel Spring, Extra Large Folding Apron, Clamps Open 1⅝ in., Extra High Grade Rolls.

Nos.	**110**	**111**
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	250	265
Per Dozen	**$73.30**	**82.25**

GUARANTEE, BALL BEARINGS

Warranted 5 Years.

Wood Frame, Spiral Steel Springs, **Enclosed Gear,** Extra Large Folding Apron, Clamps Open 1⅝ in., Extra High Grade Rolls.

No.	**780**
Rolls, Inches	10x1¾
Wt. Per Dozen About, Lbs.	260
Per Dozen	**$84.40**

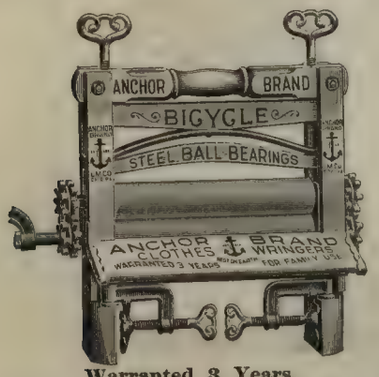
GUARANTEE, BALL BEARINGS

Warranted 5 Years.

Wood Frame, Steel Ball Bearings, Flat Steel Spring, **Enclosed Gear,** Large Folding Apron, Clamps Open 1⅝ in., Extra High Grade Rolls.

Nos.	**790**	**791**
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	265	280
Per Dozen	**$84.50**	**93.35**

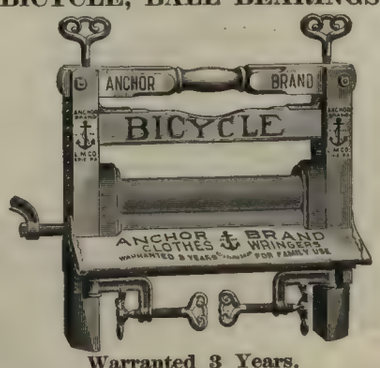
BICYCLE, BALL BEARINGS



Warranted 3 Years.

Wood Frame, Steel Ball Bearings, Flat Steel Spring, Extra Large Folding Apron, Clamps Open 1⅝ in., Special High Grade Rolls.

Nos.	**110**	**111**
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	255	265
Per Dozen	**$72.25**	**80.00**



Warranted 3 Years.

Wood Frame, Steel Ball Bearings, Spiral Steel Springs, **Enclosed Gear,** Extra Large Folding Apron, Clamps Open 1⅝ in., Special High Grade Rolls.

No.	**760**
Rolls, Inches	10x1¾
Wt. Per Dozen About, Lbs.	265
Per Dozen	**$75.50**

Warranted 3 Years.

Wood Frame, Steel Ball Bearings, Flat Steel Spring, Extra Large Folding Apron, **Enclosed Gear,** Clamps Open 1⅝ in., Special High Grade Rolls.

Nos.	**770**	**771**
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	265	280
Per Dozen	**$75.50**	**83.35**

All Above, One-quarter Dozen in a Case.

All the Above Wringers have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

Clothes Wringers.

ELDORA, METAL BEARINGS

Warranted 1 Year.

Wood Frame, Flat Steel Spring, Clamps Open 1⅝ in.

Nos.	110	111
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	230	260
Per Dozen	$55.60	62.25

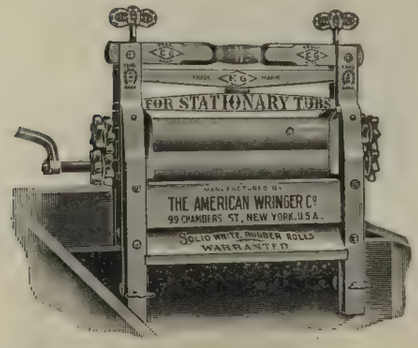
UNIVERSAL, METAL BEARINGS

Warranted 3 Years.

Wood Frame, Flat Steel Spring, Patent Guide Board, Large Drip Board, Combination Tub Clamps, Special High Grade Rolls.

Nos.	350	351	355
Rolls, Inches	10x1¾	11x1¾	12x1⅞
Wt. Dz. Abt., Lbs.	250	270	290
Per Dozen	$64.50	72.25	91.15

UNIVERSAL LAUNDRY, METAL BEARINGS



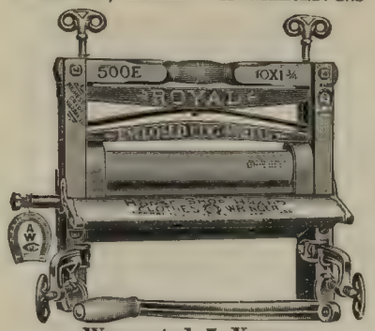
Warranted 3 Years.

Wood Frame, Rubber Spring, Reversible Drip Board, Clamps for Stationary Tubs Only Not Over 2 in. Thick, Special High Grade Rolls.

No.	E10
Rolls, Inches	14x2¼
Wt. Per Dozen About, Lbs.	550
Per Dozen	$131.15

One-twelfth Dozen in a Case.

ROYAL, BALL BEARINGS



Warranted 5 Years.

Wood Frame, Steel Ball Bearings, Flat Steel Spring, Extra Large Folding Apron, **Enclosed Gear**, Clamps Open 1⅝ in., Extra High Grade Rolls.

Nos.	590E	591E
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	265	280
Per Dozen	$84.50	93.35

UNIVERSAL, BALL BEARINGS

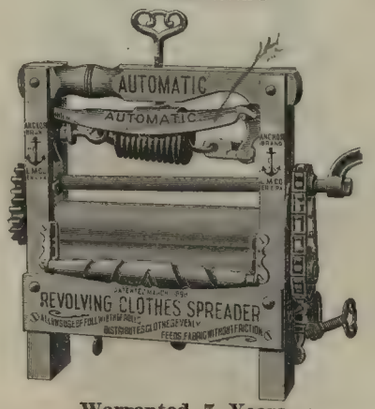
Warranted 3 Years.

Wood Frame, Steel Bearings, Flat Steel Spring, Patent Guide Board, Large Drip Board, **Enclosed Gear**, Combination Tub Clamps, Special High Grade Rolls.

Nos.	380E	381E
Rolls, Inches	10x1¾	11x1¾
Wt. Doz. About, Lbs.	260	280
Per Dozen	$75.50	83.35

All Above, One-quarter Dozen in Case.

AUTOMATIC



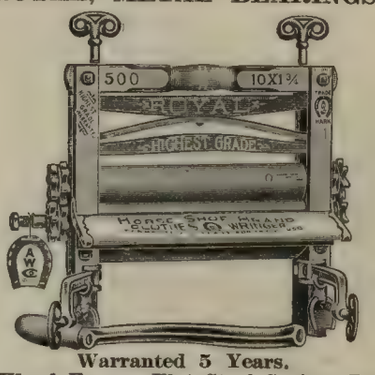
Warranted 5 Years.

Wood Frame, Galvanized Metal Bearings, Purchase Gear with Chain, Steel Coil Spring, Automatic Adjustment, Patent Roller Clothes Spreader, Extra Large Folding Apron, Clamps Open 1⅝ in., Extra High Grade Rolls.

No.	110
Rolls, Inches	10x1¾
Wt. Per Dozen About, Lbs.	255
Per Dozen	$75.50

One-quarter Dozen in a Case.

ROYAL, METAL BEARINGS

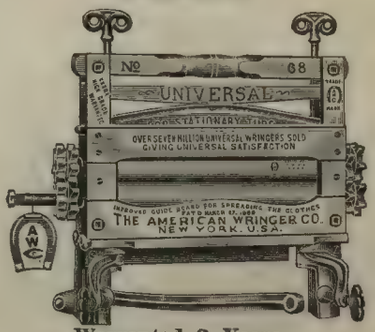


Warranted 5 Years.

Wood Frame, Flat Steel Spring, Patent Guide Board, Large Drip Board, Combination Tub Clamps, Extra High Grade Rolls.

Nos.	500	501	505
Rolls, Inches	10x1¾	11x1¾	12x1⅞
Wt. Dz. Abt. Lbs.	235	250	280
Per Dozen	$73.35	82.25	105.60

UNIVERSAL, METAL BEARINGS

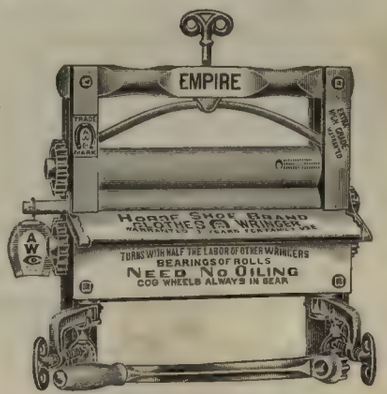


Warranted 3 Years.

Wood Frame, Double Sided Frame, Double Leaf Flat Steel Springs, Reversible Tub Clamps, Opening 2 in., for Stationary or Large Round Tubs, Special High Grade Rolls.

No.	68
Rolls, Inches	12x2
Wt. Per Dozen About, Lbs.	315
Per Dozen	$120.00

EMPIRE, BUSHED BEARINGS



Warranted 3 Years.

Wood Frame, Purchase Gear, Brass Bushing on Crank Journal, Flat Steel Spring, Patent Guide Board, Large Drip Board, Combination Tub Clamps for Round Tubs, Special High Grade Rolls.

No.	350
Rolls, Inches	10x1¾
Wt. Per Dozen About, Lbs.	270
Per Dozen	$71.15

One-quarter Dozen in a Case.

All the Above Wringers have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

Clothes Wringers.

BRIGHTON, METAL BEARINGS

No. 110B.

Warranted 1 Year. Per Dozen

No. 110B—10x1¾ in. Rolls, Wood Frame Wringer and Folding Bench, Plain Metal Bearings, Flat Steel Spring, Reversible Water Board Conducts Water into Either Tub.....$82.25

Weight Per Dozen About 500 Pounds.

One-twelfth Dozen in a Crate.

FOLDING BENCH

Warranted 3 Years. Per Dozen

No. 770B—10x1¾ in. Rolls, Wood Frame Wringer and Folding Bench, Steel Ball Bearings, Flat Steel Spring, **Enclosed Gear,** Reversible Water Board Conducts Water into Either Tub, Special High Grade Rolls..$102.25

No. 771B—11x1¾ in. Rolls, Otherwise Same as No. 770B..... 110.00

Weight Per Dozen About 550 Pounds.

One-twelfth Dozen in a Crate.

BICYCLE, BALL BEARINGS

Nos. 770B and 771B.

SWAN

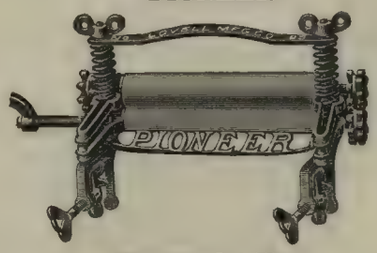
Warranted 3 Years.

Galvanized Malleable Iron Frame, Large Wood Apron, Flat Steel Spring, Clamps Open 1½ in., Special High Grade Rolls.

No.	22
Rolls, Inches	10x1¾
Ap. Wt. Per Dozen, Lbs.	210
Per Dozen	$64.50

One-quarter Dozen in a Case.

PIONEER



Warranted 1 Year.

Galvanized Malleable Iron Frame, Spiral Steel Springs, Clamps Open 1⅜ in.

No.	22
Rolls, Inches	10x1¾
Ap. Wt. Per Dozen, Lbs.	210
Per Dozen	$55.60

One-quarter Dozen in a Case.

SUPERB

Warranted 1 Year.

Iron Frame, Galvanized Malleable Iron Clamps and Apron, Japanned Steel Springs, Clamps Open 1⅜ in.

No.	2
Rolls, Inches	10x1¾
Ap. Wt. Per Dozen, Lbs.	160
Per Dozen	$50.00

One-quarter Dozen in a Case.

SUPERIOR

Warranted 2 Years.

Iron Frame, Pressure Relief Screws, Galvanized Malleable Iron Clamps and Apron, Japanned Steel Springs, Clamps Open 1½ in., High Grade Rolls.

No.	210
Rolls, Inches	10x1¾
Ap. Wt. Per Dozen, Lbs.	170
Per Dozen	$59.00

One-quarter Dozen in a Case.

DOMESTIC

Warranted 3 Years.

Galvanized Malleable Iron Frame, Relief Screws, Spiral Steel Springs, Clamps Open 1¼ in., Special High Grade Rolls.

No.	22
Rolls, Inches	10x1¾
Ap. Wt. Per Dozen, Lbs.	210
Per Dozen	$64.40

One-quarter Dozen in a Case.

PERFECT

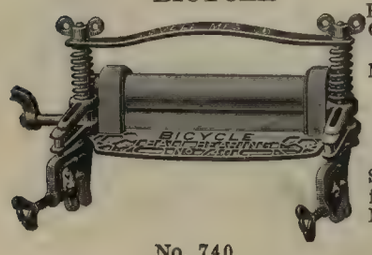
Warranted 2 Years.

Galvanized Malleable Iron Frame, New Double Acting Lever Adjustment, Flat Steel Spring, **Enclosed Gears,** Clamps Open 1¼ in., High Grade Rolls.

No.	200
Rolls, Inches	11x1¾
Ap. Wt. Per Dozen, Lbs.	290
Per Dozen	$72.20

One-quarter Dozen in a Case.

BICYCLE



No. 740.

Warranted 3 Years.

Galvanized Malleable Iron Frame, Steel Ball Bearings, Relief Screws, Spiral Steel Spring, **Enclosed Gears,** Clamps Open 1⅝ in., Special High Grade Rolls.

Per Dozen

No. 740—Rolls 10x1¾ in.....$75.50

Weight Per Dozen About 225 Pounds.

One-quarter Dozen in a Case.

Warranted 5 Years.

Galvanized Malleable Iron Frame, Spiral Steel Spring, Steel Ball Bearings, **Enclosed Gears,** Clamps Open 1⅝ in., Special High Grade Rolls. Per Dozen

No. 750—10x1¾ in. Rolls.....$84.50

Weight Per Dozen About 225 Pounds.

One-quarter Dozen in a Case.

GUARANTEE

No. 750.

Above Wringers have Clamps Adjustable to Galvanized Iron, Wood or Fibre Tubs.

Wringer Benches.

FOLDING

PRIZE

Hardwood, Oiled.

	Per Dozen
No. 23—52 in. Long, 15 in. Wide, 36 in. High, Double Water Board, Designed for Holding Two Tubs, Will Take Any Style of 10, 11 or 12 in. Wringer.	**$24.00**

Weight Per Dozen About 220 Pounds.

One-quarter Dozen in a Crate.

HARTFORD

No. 5.

Hardwood, Oiled.

	Per Dozen
No. 5—45 in. Long, 18½ in. Wide, 38½ in. High, with Reversible Water Board, Designed for Holding Two Tubs, Will Take Any Style of 10, 11 or 12 in. Wringer.	**$35.60**

Weight Per Dozen About 300 Pounds.

One-quarter Dozen in a Crate.

Wringer Stands.

Hardwood, Dark Mission Finish.

	Each
No. 11—69 in. High, 16 in. Wide, Handsomely Lettered in Gold, Mounted on Heavy Durable Casters, Hold 6 Wringers, 3 Wringers on Each Side	**$3.35**

Weight Each About 50 Pounds.

One in a Crate.

Wringer Cranks.

	Per Dozen
No. 1—Regular, For Lovell Wood or Iron Frame Wringers	**$4.00**
No. 2—Regular, For American Wood or Iron Frame Wringers	4.00

Weight Per Dozen About 14 Pounds.

	Per Dozen
No. 3—For Empire Wringers	**$6.70**

Weight Per Dozen About 15 Pounds.

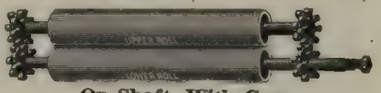
Open Stock.

Wringer Rolls.

On Shaft, Without Cogs.

For No. 2 Superb and No. 210 Superior Wringers.

	Each
No. 2U—Upper, 10x1¾ in. Rolls, Wt. Each About 3 Lbs.	**$1.80**
No. 2L—Lower, 10x1¾ in. Rolls, Wt. Each About 3¼ Lbs.	**$1.80**



On Shaft, With Cogs.

For No. 350 Empire Wringer.

	Each
No. 3U—Upper, 10x1¾ in. Rolls	**$1.90**
No. 3L—Lower, 10x1¾ in. Rolls	1.90

Weight Each About 3¾ Pounds.

For No. 500 Royal and No. 350 Universal Wringers.

	Each
No. 5U—Upper, 10x1¾ in. Rolls	**$1.90**
No. 5L—Lower, 10x1¾ in. Rolls	1.90

Weight Each About 3¾ Pounds.

For No. 501 Royal and No. 351 Universal Wringers.

	Each
No. 6U—Upper, 11x1¾ in. Rolls	**$2.25**
No. 6L—Lower, 11x1¾ in. Rolls	2.25

Weight Each About 3¾ Pounds.

For No. 110 Guarantee, Nos. 22 and 350 Domestic, No. 22 Swan, No. 110 Eldora, No. 22 Pioneer, and No. 110B Brighton Wringers.

	Each
No. 10U—Upper, 10x1¾ in. Rolls	**$1.90**
No. 10L—Lower, 10x1¾ in. Rolls	1.90

Weight Each About 3½ Pounds.

For No. 111 Guarantee, No. 351 Domestic and No. 111 Eldora Wringers.

	Each
No. 11U—Upper, 11x1¾ in. Rolls	**$2.25**
No. 11L—Lower, 11x1¾ in. Rolls	2.25

Weight Each About 3¾ Pounds.

For No. 310 Kingston Wringers.

	Each
No. 20U—Upper, 10x1¾ in. Rolls	**$1.90**
No. 20L—Lower, 10x1¾ in. Rolls	1.90

Weight Each About 3½ Pounds.

For No. 311 Kingston Wringers.

	Each
No. 21U—Upper, 11x1¾ in. Rolls	**$2.25**
No. 21L—Lower, 11x1¾ in. Rolls	2.25

Weight Each About 3¾ Pounds.

For Nos. 750 and 790 Guarantee, Nos. 740, 770 and 770B Bicycle and No. 630 Brighton Wringers.

	Each
No. 100U—Upper, 10x1¾ in. Rolls	**$1.90**
No. 100L—Lower, 10x1¾ in. Rolls	1.90

Weight Each About 3½ Pounds.

For No. 791 Guarantee, Nos. 771 and 771B Bicycle Wringers.

	Each
No. 150U—Upper, 11x1¾ in. Rolls	**$2.25**
No. 150L—Lower, 11x1¾ in. Rolls	2.25

Weight Each About 3¾ Pounds.

For No. 110 Bicycle Wringers.

	Each
No. 200U—Upper, 10x1¾ in. Rolls	**$2.25**
No. 200L—Lower, 10x1¾ in. Rolls	2.25

Weight Each About 3½ Pounds.

For No. 111 Bicycle Wringers.

	Each
No. 250U—Upper, 11x1¾ in. Rolls	**$2.60**
No. 250L—Lower, 11x1¾ in. Rolls	2.60

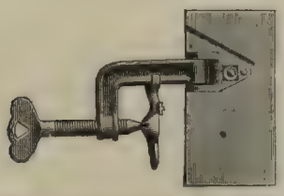
Weight Each About 3¾ Pounds.

For No. 110 Automatic Wringers.

	Each
No. 300U—Upper, 10x1¾ in. Rolls	**$2.35**
No. 300L—Lower, 10x1¾ in. Rolls	2.35

Weight Each About 3½ Pounds.

Wringer Clamps.

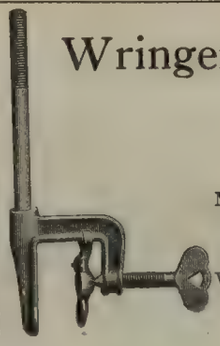


Regular, for Wood Frame Wringers.

Each

No. 7—For Side Next to Crank..$0.40
No. 8—For Side Opposite Crank. .40

Weight Each About 1 Pound.



For Iron Frame Wringers.

Each

No. 9—For No. 22 Guarantee and No. 22 Domestic Wringers $0.56

Weight Each About 1 Pound.

For Iron Frame Wringers.

Each

No. 5—For No. 2 Superb and No. 210 Superior Wringers.....$0.40

Weight Each About ¾ Pound.

Pressure Screws.

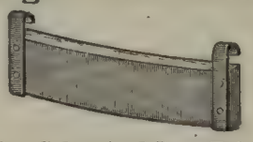
For Wood Frame Wringers.

Each

No. 2—Flat Top Screws.....$0.16

Weight Per Dozen About 2½ Pounds.

Wringer Attachments.



For Galvanized Iron Tubs.

Per Dozen Pairs

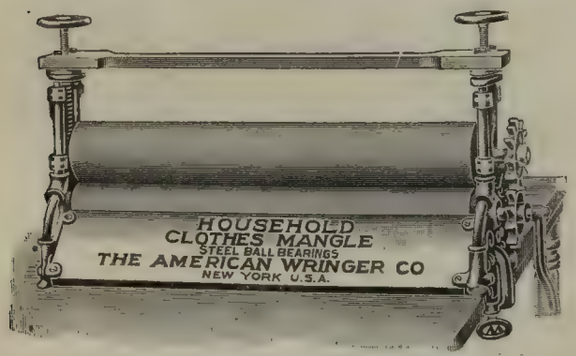
No. 1—5½x1½x$\frac{7}{16}$ in. $1.35

These Attachments can be attached to any Galvanized Tub, by springing the steel loops over the rod of the Tub, and is adjustable to any size Wringer.

Weight Per Dozen About 1½ Pounds.

Clothes Mangles.

HOUSEHOLD TABLE, BALL BEARINGS



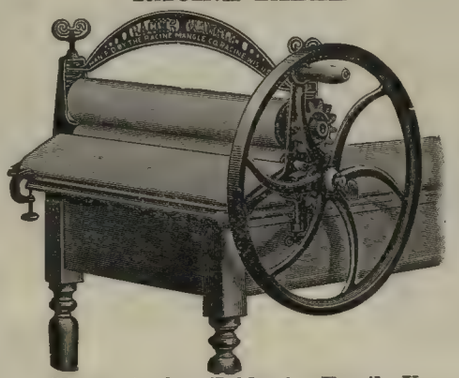
Clamps to Any Table, for Family Use. Each

No. 124—24x3½ in. Polished Hard Maple Rolls, Ball Bearings, Spiral Steel Springs, Large Wood Apron $10.60

Weight Each About 60 Pounds.

One in a Box.

RACINE TABLE



Clamps to Any Table, for Family Use. Each

No. E—23x3½ in. Polished Rolls, Adjusting Journal Boxes, Spiral Steel Springs, Large Wood Apron, with Hand Wheel.....$23.35

Weight Each About 95 Pounds.

One in a Crate.

Not Carried in Stock, Shipped Direct from Factory, F. O. B. Racine, Wis.

RACINE

Polished Rolls, Automatic Table Adjustment, Double Geared, with Hand Wheel.

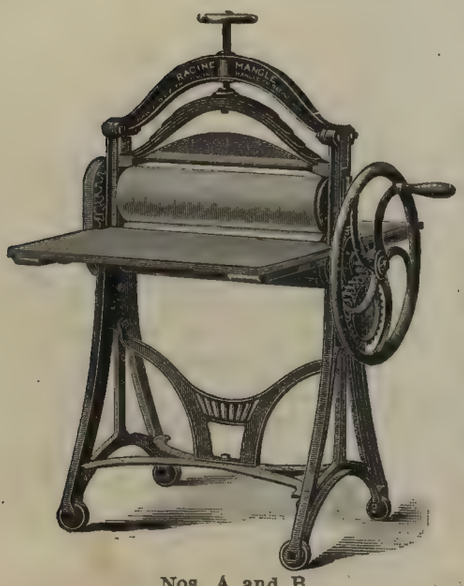
Nos.	A	B
Rolls, Inches	28x6	24x6
Ap. Weight Each, Lbs.	275	260
Each	$78.00	65.50

Nos.	C	D
Rolls, Inches	28x6	24x6
Ap. Weight Each, Lbs.	250	240
Each	$58.60	53.05

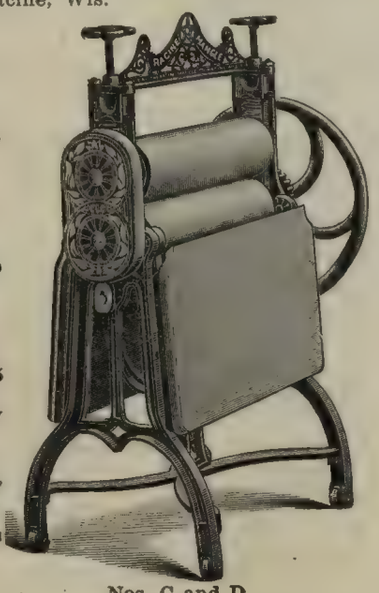
Nos. A and B are extra heavy and especially adapted for use in hotels and laundries.

Nos. C and D are heavy, adapted for families, small hotels, laundries, etc.

Not Carried in Stock, Shipped Direct from Factory, F. O. B. Racine, Wis.



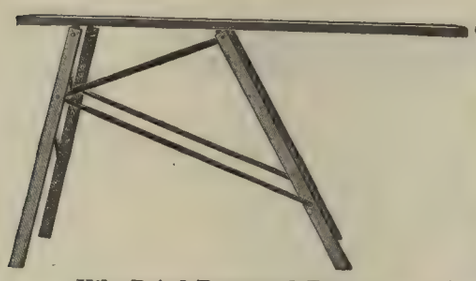
Nos. A and B.



Nos. C and D.

Ironing Stands and Boards.

PERFECTION

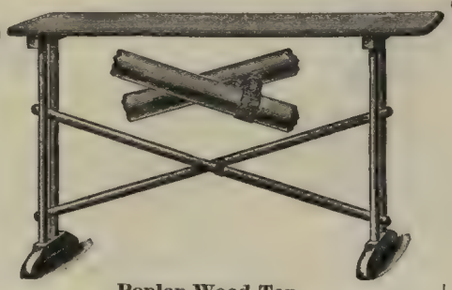


Kiln Dried Basswood Top.

Each

Perfection—60 in. Long, 15 in. Wide, Top Consists of Kiln Dried Basswood Strips, Dovetail Jointed and Glued, Folding Black Enameled Steel Braces and Cross Pieces, Folding Hardwood Legs....**$2.80**
Weight Each About 18 Pounds.

JEWEL



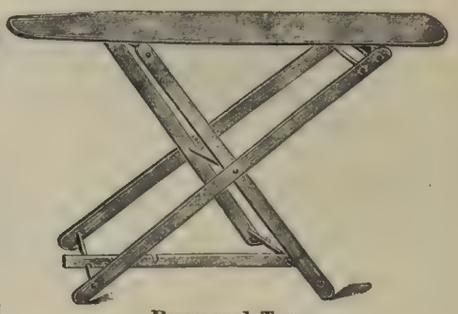
Poplar Wood Top.

Each

No. 15—54 in. Long, 15x9 in. Wide, Folding Hardwood Frame **$2.35**

Weight Each About 17 Pounds.

IXL.



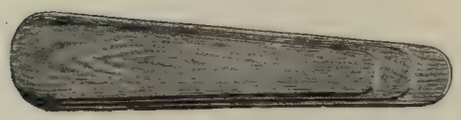
Basswood Top.

Each

IXL—58 in. Long, 13 in. Wide, Adjustable to Any Height from 32 to 38 in., Hardwood Frame **$1.70**

Weight Each About 15 Pounds.

Ironing Boards.



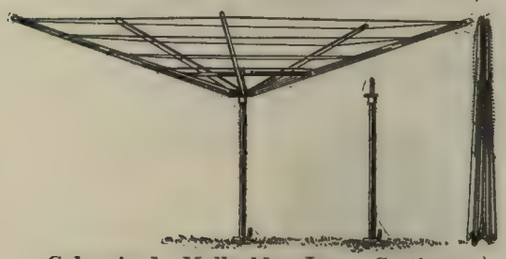
Basswood, Extra Wide.

Per Dozen

No. 5—5 ft. Long, Weight Per Dozen About 110 Lbs.....**$14.00**
No. 5½—5½ ft. Long, Weight Per Dozen About 125 Lbs.. **15.60**
Open Stock.

Clothes Driers.

HILL'S CHAMPION



Galvanized Malleable Iron Castings, Painted Wood Posts.

Nos.	11	12	13
Number of Arms.	4	5	5
Length, Feet....	6	6	7
Cap. Line, Ft...	100	115	150
Ap. Wt. Ea., Lbs.	33	35	38
Each	**$9.00**	**9.75**	**11.35**

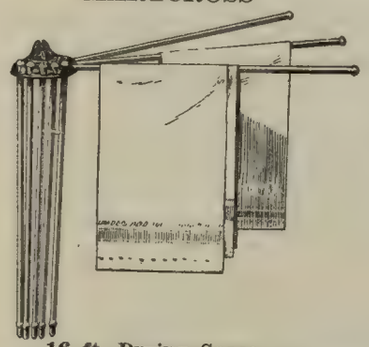
Galvanized Malleable Iron Castings, Galvanized Steel Posts.

Nos.	21	22	23
Number Arms..	4	5	5
Length, Feet...	6	6	7
Cap. Line, Ft...	100	115	150
Ap. Wt. Ea., Lbs.	39	41	44
Each	**$11.00**	**11.75**	**13.35**

To stand Post in the ground, a Socket with Galvanized Iron Cap and Hinged Cover is furnished without extra charge.

Clothes Driers.

MARTCROSS

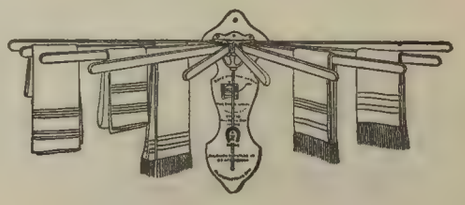


16 ft. Drying Space.

Per Dozen

No. 3—8 One Piece Hardwood Arms, 2 ft. Long, Malleable Iron Bracket **$8.35**
The Arms work independently, and you can use as many as you need without first adjusting all of them.
Weight Per Dozen About 26 Pounds.

EMPIRE



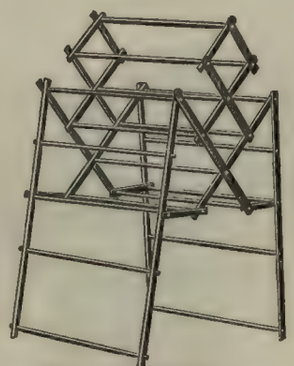
18 ft. Drying Space.

Per Dozen

No. 2—10 Hardwood Arms, 22 in. Long, Galvanized Iron Trimmings **$10.00**
Made to open one-half at a time, thus obviating the necessity of bringing into use more arms than may be needed.
Weight Per Dozen About 60 Pounds.

Clothes Racks.

ROME CITY



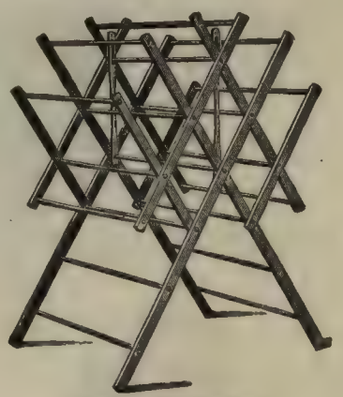
Basswood, Folding.

Each

No. 1—5¼ ft. High, 54 ft. Drying Surface **$1.56**

Weight Each, About 11 Pounds.

DIAMOND



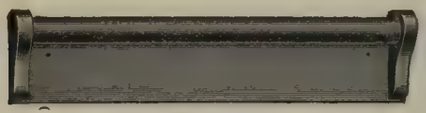
Hardwood, Folding.

Each

No. 35—5 ft. High, 20 Bars, 36 in. Long, 60 ft. Drying Surface, Malleable Iron Hinge Braces **$2.50**

Weight Each About 14 Pounds.

Towel Rollers.



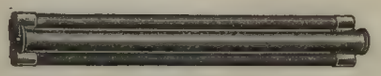
Plain Whitewood.

Per Dozen

No. 3A—3¾x19¾ in. Solid Back, 1⅜x18 in. Roller, Natural Sand Finish.....**$2.25**

Weight Per Dozen About 20 Pounds.

One Dozen in a Carton.



Hardwood Roller, Oil Finished.

Per Dozen

No. 40—Climax, 18 in. Roller, Steel Pivots and Ends..**$2.00**

Weight Per Dozen About 9 Pounds.

One Dozen in a Box.

Curtain Stretchers.

"NO-PIECE"

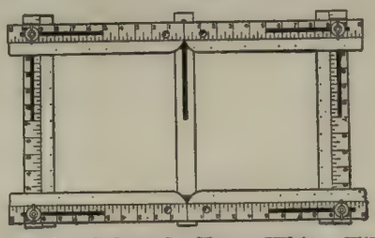
6x12 ft. Selected Clear White Kiln-Dried Basswood Strips, 2¼ in. Wide.

Per Dozen

No. 2—6 ft. Long when Folded, Embossed Scale, Marked in Inches and Quarters, 300 Freely Moving Heavily Nickel Plated Brass Pins, Adjustable to Any Size Scallops, **with Braced Easel Attached,** Non-Detachable Center Brace, Black Japanned Steel Plates, Riveted to Bars, Bright Wire Bolts, Adjustable for 3½ Yard Curtains, Weight Per Dozen About 160 Lbs.....**$40.00**

No. 3—Same Description as No. 2, but **without Easel,** Weight Per Dozen About 145 Lbs. **37.25**

One-third Dozen in a Crate.



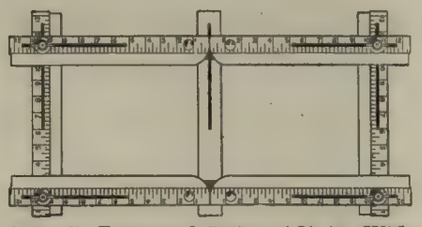
6x12 ft. Selected Clear White Kiln-Dried Basswood Strips, 2¼ in. Wide.

Per Dozen

No. 6—6 ft. Long when Folded, Embossed Scale, Marked in Inches and Quarters, Stationary Heavily Nickel Plated Brass Pins, 1 in. Apart, Non-Detachable Center Brace, Black Japanned Steel Plates, Riveted to Bars, Bright Wire Bolts, Adjustable for 3½ Yard Curtains **$26.15**

Weight Per Dozen About 140 Pounds.

One-third Dozen in a Crate.



6x12 ft. Basswood Strips, 1¾ in. Wide.

Per Dozen

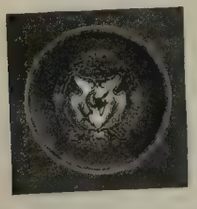
No. 88—6 ft. Long when Folded, Embossed Scale, Marked in Inches and Quarters, Stationary Heavily Nickel Plated Brass Pins, 2 in. Apart, Non-Detachable Center Brace, Black Japanned Steel Plates Riveted to Bars, Bright Wire Bolts, Adjustable for 3½ Yard Curtains.**$17.80**

Weight Per Dozen About 107 Pounds.

One-third Dozen in a Crate.

Fibre Chair Seats.

BEST QUALITY FIBRE BOARD, LEATHER-LIKE FINISH



No. 111—Dished Square, Black Color.

Width, Inches	13	14	15
Approx. Weight Dozen, Lbs.	6¾	8	8¼
Per Dozen	$2.00	2.00	2.00

No. 113—Tufted Round, Black Color.

Width, Inches	13	14	15
Approx. Weight Dozen, Lbs.	6¾	8	8¼
Per Dozen	$2.00	2.00	2.00

No. 101—Tufted Ball Top, Black Color.

Width, Inches	13	14	15
Ap. Wt. Doz., Lbs.	6¾	8	8¼
Per Dozen	$2.00	2.00	2.00

No. 102—Dished Ball Top, Black Color.

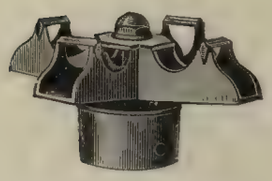
Width, Inches	13	14	15
Ap. Wt. Doz., Lbs.	6¾	8	8¼
Per Dozen	$2.00	2.00	2.00

No. 106—Rush Diner, Dark Green Color.

Width, Inches	13	14	15
Ap. Wt. Doz., Lbs.	6¾	8	8¼
Per Dozen	$2.00	2.00	2.00

Clothes Line Reels.

IMPROVED



Cast Iron, Japanned.

Per Dozen

No. 2—Eastern Style, 14 in. Diameter, with Post Cap....**$13.35**

Weight Per Dozen About 160 Pounds.

ADAMS'

Cast Iron, Japanned.

Per Dozen

No. 3—14 in. Diameter, with Removable Cap and Bolt for Post, Extra Strong....**$22.25**

Weight Per Dozen About 178 Pounds.

ANTI-FRICTION

Cast Iron, Japanned.

Per Dozen

No. 5—16 in. Diameter, Roller Bearings, Deep Socket Cap for Post **$26.65**

Weight Per Dozen About 252 Pounds.

Clothes Pins.

COMMON

Hardwood, Round Head.

Per Case

No. 0—5 Gross in a Case, Weight Per Case About 22 Lbs.....**$1.56**

No. 1—30 in a Carton, 20 Cartons in a Case, Weight Per Case About 20 Lbs..... **1.67**

HOLDFAST

Hardwood.

Per Box

No. 3—Galvanized Wire Spring..**$1.00**

Weight Per Box About 5 Pounds.

One Gross in a Box.

HOYT'S

White Basswood.

Per Box

No. 6—One Piece Galvanized Wire Spring **$3.80**

Weight Per Box About 18 Pounds.

Three Dozen in a Carton; Twenty Cartons in a Box.

Clothes Lines.

In Hanks.

Per Dozen

No. 1	—Twisted Sisal, in 25 ft. Hanks	**$1.25**
No. 6	—Twisted Sisal, in 50 ft. Hanks	**1.90**
No. 10	—Twisted Sisal, in 72 ft. Hanks	**3.35**
No. 5	—Twisted India, in 50 ft. Hanks	**3.90**
No. 8	—Twisted Strong White Mediterranean Hemp, in 50 ft. Hanks	**3.00**
No. 2	—Twisted Cotton, in 50 ft. Hanks	**3.20**
No. 3	—Braided Cotton, in 50 ft. Hanks	**2.00**
No. 4	—Braided Cotton, Waterproof, in 50 ft. Hanks	**5.00**
No. 12	—Solid Braided Cotton, in 50 ft. Hanks	**4.50**

One Dozen Hanks in a Bundle.

12 Strand Twisted Galvanized Wire.

Per Dozen

No. 17—With Ribbon Center.....**$7.80**

No. 18—With Ribbon Center..... **6.70**

Strong, Light and Flexible, Clothes Pins Will Not Slip.

Weight Per Dozen About 46 Pounds.

100 Feet in a Coil.

Plain Wire, Galvanized.

Per Dozen

No. 9—9 Gauge, Very Pliable and Heavily Galvanized..**$6.15**

Weight Per Dozen About 73 Pounds.

100 Feet in a Coil.

No. 1.

No. 3.

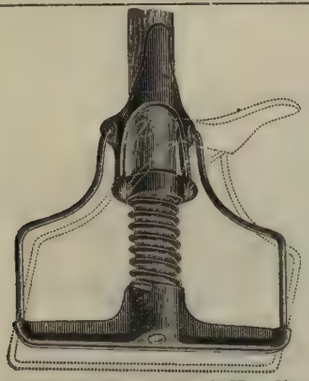
No. 2.

No. 4.

Hollow Wire Cable, Galvanized.

Nos.	1	2	3	4
Number of Strands	7	9	12	11
No. of Wire	22	22	22	22
Ap. Weight Per Dozen, Lbs	18	22	30	42
Contents of Barrel, Dozen	12	8	6	5
Per Dozen	**$4.50**	**5.40**	**6.35**	**7.00**

100 Feet in a Coil.



Lever Spring, Wood Handle.

	Per Dozen
No. 7—Ideal, Coppered Steel Wire and Steel Head, Weight Per Dozen About 17 Lbs...	**$1.90**
No. 8—Ideal, Tinned Steel Wire and Steel Head, Weight Per Dozen About 15 Lbs.....	**2.50**
No. 10—Ideal Janitor, 7¼ in. Wide, Coppered Steel Wire and Iron Head, Weight Per Dozen About 25 Lbs.....	**4.50**

One Dozen in a Bundle.

Cotton Mops.

	Per Dozen
No. 9— 9 Lbs. to Dozen.....	**$2.70**
No. 12—12 Lbs. to Dozen.....	**3.60**
No. 15—Janitor, 15 Lbs. to Dozen	**4.50**
No. 18—Janitor, 18 Lbs. to Dozen	**5.60**

One Dozen in a Bundle.

Mop Wringers and Buckets

EAGLE

Combined Mop Wringer and Bucket.

	Per Dozen
No. 10—9 in. High, Capacity 10 Quarts, Selected Louisiana Red Cypress Bucket, Electric Welded Cable Hoops Sunk in Grooves, Seasoned Maple Rollers, Stamped Steel Roller Guides, Coppered Steel Spring Wire Springs, Refined Malleable Iron Castings	**$26.65**

Weight Per Dozen About 150 Pounds.

One-third Dozen in a Crate.

Mop Sticks.

Combination Mop and Brush Holder.

	Per Dozen
No. 13—Ideal, Coppered Steel Wire and Iron Head, Polished Hardwood Handle....	**$2.15**

Weight Per Dozen About 20 Pounds.

One Dozen in a Bundle.

Slasher Mops.

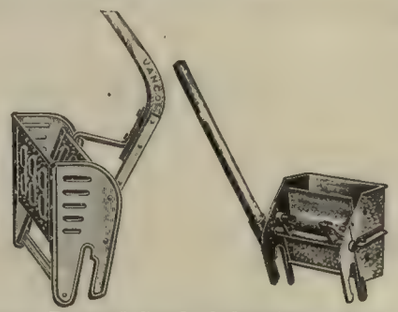
Fine Thread Cotton.

	Per Dozen
No. 012—12 Lbs. to Dozen.....	**$5.00**
No. 015—Janitor, 15 Lbs. to Doz.	**6.35**
No. 018—Janitor, 18 Lbs. to Doz.	**7.70**

One Dozen in a Bundle.

Mop Wringers.

VANCO



Heavy Pressed Steel, Galvanized, Wood Lever Handle, Fits Any Pail.

	Per Dozen
No. 87—Wrings Mops up to 16 Oz.	**$22.25**
One Dozen in a Crate.	
No. 88—Wrings Mops up to 20 Oz.	**31.15**
No. 89—Wrings Mops up to 36 Oz.	**44.50**

Weight Per Dozen About 140 Pounds.

One-half Dozen in a Crate.

Janitor, Extra Heavy.

	Per Dozen
No. 70—Ideal, 7 in. Wide Head, Coppered Steel Wire and Iron Head, Selected Hardwood Handle, Polished and Waxed	**$6.70**

Weight Per Dozen About 31 Pounds.

One Dozen in a Bundle.

Detachable Mops.

OHIO

Cotton Mop, Malleable Casting, without Handle.

4 Ply Fine Grade Yarn.

	Per Dozen
No. 20—16 Oz.	**$4.70**
No. 21—24 Oz.	**7.80**

Hardwood Floor Grade Yarn.

	Per Dozen
No. 24—16 Oz.	**$6.00**
No. 25—24 Oz.	**9.35**
Extra Handles—For Above.....	**2.25**

Mop Wringers.

WHITE

Malleable Iron Frame, Eccentric Movement, Lever Handle, Fits Any Pail.

Nos.	**3**	**1**	**0**
Size	Small	Large	Ex. Lg.
Ap. Wt. Dz., Lbs.	100	135	165
Per Dozen	**$31.55**	**36.00**	**46.65**

Nos. 0 and 3, One Dozen; No. 1, One-third Dozen in a Crate.

O-Cedar Polish.

1 Quart Size.

½ and 1 Gallon Size.

In Glass Bottles.

	Per Dozen
4 Oz. Size, Weight Per Dozen About 10 Lbs.	**$4.50**
12 Oz. Size, Weight Per Dozen About 24 Lbs.	**8.90**

One Dozen in a Case.

In Tin Cans.

	Per Dozen
1 Quart Size, Weight Per Dozen About 30 Lbs.	**$17.80**
½ Gallon Size, Weight Per Dozen About 62 Lbs.	**26.65**
1 Gallon Size, Weight Per Dozen About 115 Lbs.	**44.50**

One-half Dozen in a Case.

O-Cedar Polish is a vegetable compound for cleaning and polishing all painted, varnished and finished floors, giving a high, hard, durable lustre and finish. The composition of O-Cedar Polish insures a very desirable finish on woodwork instead of the ordinary gummy surface resulting from certain mineral oils. O-Cedar being a vegetable compound is therefore not inflammable.

O-Cedar Duster Cloths.

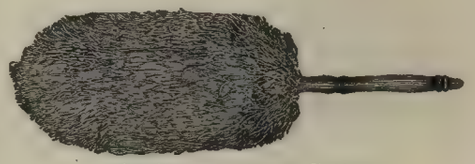
Chemically Treated Cloth.

	Per Dozen
Small Size, 18x4 in.	**$2.70**
Medium Size, 46x36 in.	**4.50**
Large Size, 36x54 in.	**8.90**

Weight Per Dozen About 2½ Pounds.

One-twelfth Dozen in a Package.

O-Cedar Dusters.



Medicated Black Cotton.

	Per Dozen
Duster—Polished Wood Handle.	**$13.35**

Picks up the dust and holds it. Easily shaken out.

Weight Per Dozen About 15 Pounds.

One Dozen in a Case.

O-Cedar Dusting Mop.

Black Chemically Treated Cotton, Quick Detachable Steel Center, with Padding to Protect Furniture.

	Per Dozen
No. 1—Small Size, 48 in. Polished Hardwood Handle.	**$17.80**
No. 2—Large Size, 54 in. Polished Hardwood Handle.	**26.65**

Weight Per Dozen About 48 Pounds.

One-twelfth Dozen in a Box.

O-Cedar Polish Mops.

Best Grade Long Heavy Cotton, Quick Detachable Steel Center, with Padding to Protect Furniture.

	Per Dozen
No. 5—Small Size, 48 in. Polished Hardwood Handle.	**$17.80**
No. 6—Large Size, 54 in. Polished Hardwood Handle.	**26.65**

Weight Per Dozen About 48 Pounds.

One-twelfth Dozen in a Box.

Triangle Shape, Best Grade Long Heavy Cotton, Detachable Steel Center, with Padding to Protect Furniture.

	Per Dozen
No. 9—Small Size, 48 in. Polished Hardwood Handle.	**$13.35**
No. 10—Large Size, 54 in. Polished Hardwood Handle.	**22.25**

Weight Per Dozen About 48 Pounds.

One-twelfth Dozen in a Box.

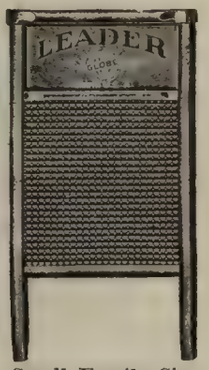
Wash Boards.

Small Family Size.

Per Dozen

No. 785—Leader, Single Zinc Surface, Globe Crimp, Wide Head, Plain Back, with Solid Protector Top **$4.70**

Weight Per Dozen About 26 Pounds.



Small Family Size.

Per Dozen

No. 686—Leader, Double Zinc Surface, Globe Crimp on One Side and Plain Crimp on the Other Side, Solid Protector.....**$6.35**

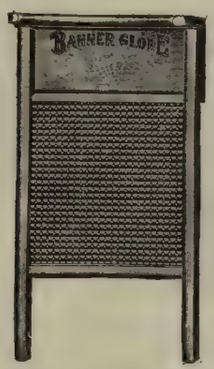
Weight Per Dozen About 34 Pounds.

Standard Family Size.

Per Dozen

No. 760—Banner Globe, Single Zinc Surface, Globe Crimp, Wide Head, Ventilated Back, Solid Protector **$5.15**

Weight Per Dozen About 35 Pounds.

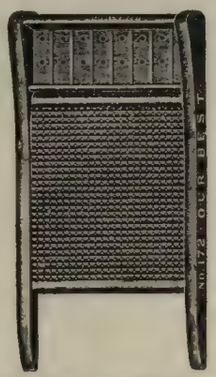


Standard Family Size.

Per Dozen

No. 652—Banner Globe, Double Zinc Surface, Globe Crimp on One Side and Medium Plain Crimp on the Other Side, with Solid Protector **$7.00**

Weight Per Dozen About 35 Pounds.

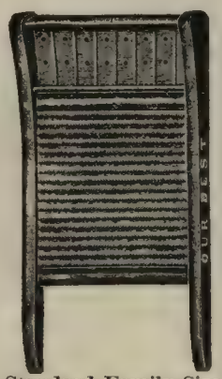


Standard Family Size.

Per Dozen

No. 172—Our Best Zinc, Single Heavy Zinc Surface, Globe Crimp, Ventilated Back, Improved Metal Protector Top with Improved Soap Holding Device.....**$7.70**

Weight Per Dozen About 40 Pounds.



Standard Family Size.

Per Dozen

No. 170—Our Best Brass, Single Brass Surface, Fancy Spiral Crimp, Ventilated Back, Improved Metal Protector Top with Improved Holding Device **$9.70**

Weight Per Dozen About 40 Pounds.

Standard Family Size.

Per Dozen

No. 801—Brass King, Single Brass Surface, Fancy Spiral Crimp, Wide Head, Open Back, Solid Protector Top **$6.70**

Weight Per Dozen About 30 Pounds.

Large Family Size.

Per Dozen

No. 710—Regal, Single Extra Heavy Zinc Surface, Coarse Globe Crimp, Ventilated Back, Extra Finish, with Protector Top....**$6.50**

Weight Per Dozen About 40 Pounds.

Large Family Size.

Per Dozen

No. 862—White Hen, Extra Heavy Glass Rubbing Surface, Spiral Crimp, Wide Head, Protector Top, Will Not Wear Out, Rust or Flatten, Will Stand Hot or Cold Water **$7.70**

Weight Per Dozen About 60 Pounds.

All Above, One-half Dozen in a Bundle.

Wash Boards.

Standard Family Size.

Per Dozen

No. 870—Enamel King, Single Blue Enameled Surface, Fancy Crimp, Open Back, Solid Protector Top, Enamel Will Not Crack or Chip.....**$8.00**

Weight Per Dozen About 40 Pounds.

Standard Family Size.

Per Dozen

No. 852—Roma, Double Galvanized Iron Surface, Coarse Plain Crimp, Securely Tied at Bottom with Steel Rod, Hardwood Frame **$4.65**

Weight Per Dozen About 42 Pounds.

One-half Dozen in a Bundle.

Pail Size.

Per Dozen

No. 797—Jewel, Single Zinc Surface, Globe Crimp, Wide Head, Solid Back, Solid Protector Top **$2.70**

Weight Per Dozen About 16 Pounds.

Washing Machines.

PEERLESS MOTOR

Round, Family Size.

Each

Peerless Motor Washer—Extra Large Red Cypress Tub, Corrugated Inside, Improved Wringer Board, Best Rubber Wire Bound Hose, Galvanized Inside Parts, Motor is Made of Solid Brass Casting, Double Hydraulic Leather Cup Piston, Complete with Motor.**$23.35**

The Peerless operates on 20 lbs. or more water pressure, has no poppet valves, but only one sliding valve that works automatically, as soon as connected to a faucet and the pressure is concentrated so as to perfectly alternate on each side of the piston-head and takes only a minimum of pressure to produce more strokes per minute than any other water motor.

Weight Each About 70 Pounds.

One in a Crate.

IRWIN-PREMIER SEMI-SPRINGLESS MOTOR

Solid Cylinder Type Motor.

Each

Irwin-Premier Motor Washer—Round, Family Size, Large Stave Leg Tub, Corrugated Inside, Natural Finish, Improved Wringer Board, Galvanized Inside Parts, Motor Made of Best Quality Red Brass with 2½ in. Piston Stroke, Irwin Patent Double Seated Valve, Bronze Rack Bar and Gear, Wire Wound Hose with Weight, Complete with Motor.....**$23.35**

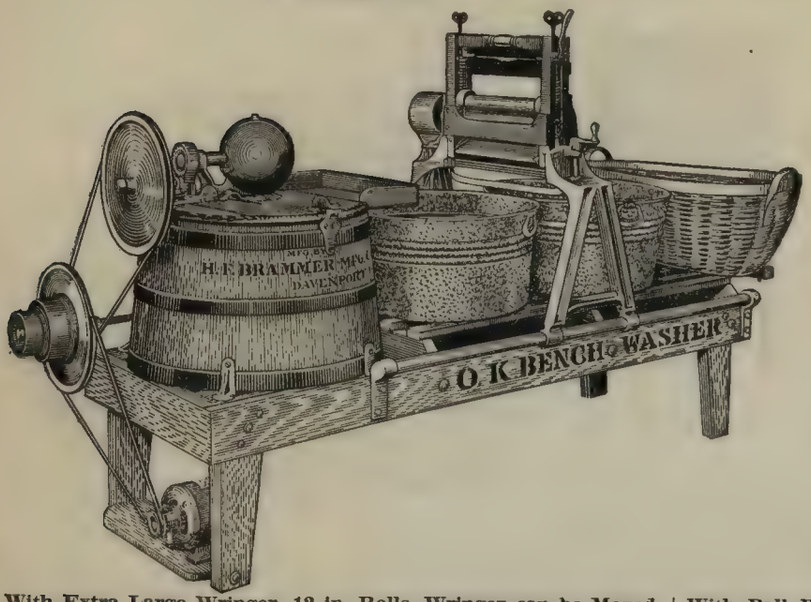
The Irwin-Premier operates on 20 lbs. or more water pressure, has semi-springless quick and positive valve reverse, metal expansion ring for piston packing, motor base with solid double bearings for dasher post, gear and roller bearing.

Weight Each About 80 Pounds.

One in a Crate.

Washing Machines.

O. K. BENCH



With Extra Large Wringer, 12 in. Rolls, Wringer can be Moved From Tub to Tub by Sliding on its Supporting Rods, Has Shifting Lever for Stopping or Reversing. Each

No. 50—1½ in. Thick Hardened Frame, Bolted Together, Louisiana Cypress Tub with Corrugated Sides and Bottom, Threaded Draining Outlet at Bottom of Tub, Raised Platform for Rinse Tubs, Sliding Clothes Basket Extension, Dasher has Long Powerful Sweep, with Grooved Pulley for Round Belt for Attaching an Electric Motor, and a 4 inch and a 6 inch Pulley for 2 inch Flat Belt, **with ⅙ Horse Power Electric Motor**.....**$106.70**

No. 55—Without Electric Motor, Otherwise Same as No. 50 ..... **55.60**

Weight Each About 360 Pounds.

One in a Crate.

O. K. ELECTRIC

With Ball Bearing Metal Frame Wringer, Enclosed Gear, Has Shifting Lever for Stopping or Reversing.

Each

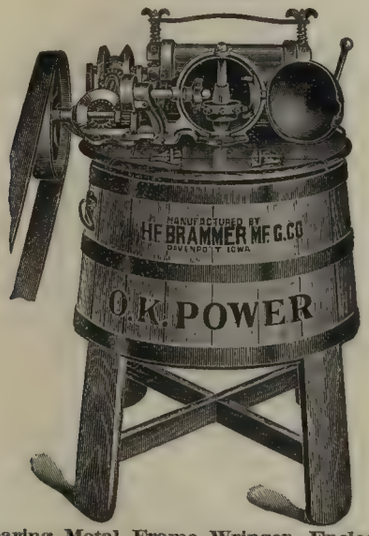
No. 60—Large Round Louisiana Cypress Tub, Corrugated Sides and Bottom, Aluminum Bronzed Hoops and Mechanism, Solid Stave Legs, Threaded Draining Outlet at Bottom of Tub, Dasher has Long Powerful Sweep, Grooved Pulley, with 110 Volt, 60 Cycle **Electric Motor**.....**$83.35**

Weight Each About 175 Pounds.

One in a Crate.

When Ordering Specify Whether Direct or Alternating Current Motor is Wanted. Not Carried in Stock, Shipped Direct From Factory.

O. K. POWER

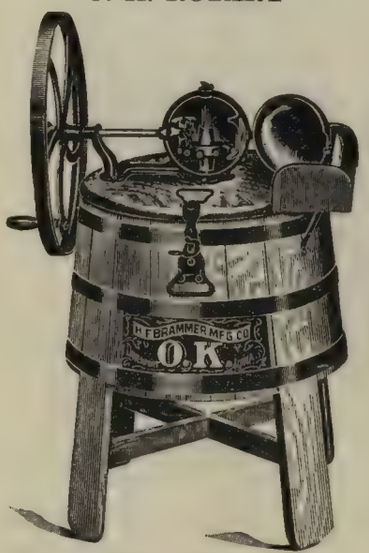


With Ball Bearing Metal Frame Wringer, Enclosed Gear, Has Shifting Lever for Stopping or Reversing. Each

No. 65—Large Round Louisiana Cypress Tub, Corrugated Sides and Bottom, Solid Stave Legs, Aluminum Bronzed Hoops and Mechanism, Threaded Draining Outlet at Bottom of Tub, Dasher has Long Powerful Sweep, with 10¾ in. Diameter Crown Face Pulley with 2 in. Face.....**$35.65**

Weight Each About 140 Pounds.

O. K. ROTARY



Roller Gearing.

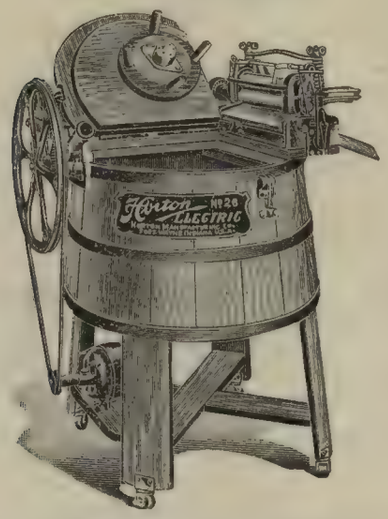
Each

No. 70—Large Round Louisiana Cypress Tub, Corrugated Sides and Bottom, Solid Stave Legs, Solid Driving Shaft, Extra Heavy Driving Pinion, Natural Finish Tub and Legs, Gold Bronzed Hoops and Gearing, with Green Enameled Fly Wheel.....**$11.15**

Weight Each About 80 Pounds.

Washing Machines.

HORTON ELECTRIC



With Enclosed Gear Metal Frame Wringer, Reversible, Patented Safety Device Stops Wringer Instantly. Each

No. 26—Round Family Size, Large Louisiana Cypress Stave Leg Tub, with Casters, Corrugated Inside Sides and Bottom, Braced, Natural Wood Finish and Varnished, Gold Bronzed Castings, Galvanized Interior Castings and Bolts with Hand Attachment for Use in Case of Power Trouble, Grooved Pulleys, Round Leather Belt, **with Motor** **$83.35**

Weight Each About 95 Pounds.

When Ordering Specify Whether Direct or Alternating Current Motor is Wanted. Not Carried in Stock, Shipped Direct From Factory.

WASHWELL

Ball Bearing, High Speed. Each

Washwell—Round, Family Size, Well Finished Select Cedar Stave Leg Tub, Natural Wood Finish and Varnished, Improved Wringer Board, Galvanized Metal Parts, Compound Lever Construction, Heavy Cast Iron Balance Wheel and Gearings Under Tub..... **$16.70**

Weight Each About 100 Pounds.

MIRACLE

For Hand Power.

With Fly Wheel, For Hand Power Only. Each

No. 22FW—Round Family Size, Best Grade Louisiana Red Cypress Stave Leg Tub, Corrugated Inside Sides and Bottom, Natural Wood Finish and Varnished, Green Enameled Hoops and Fly Wheel, Gold Bronzed Mechanism, Improved Wringer Board, Galvanized Iron Inside Parts, Operating Lever can be Placed Either in a Horizontal or Perpendicular Position to Suit Convenience of Operator **$16.70**

Weight Each About 100 Pounds.

With Pulley Wheel, For Belt Power Only. Each

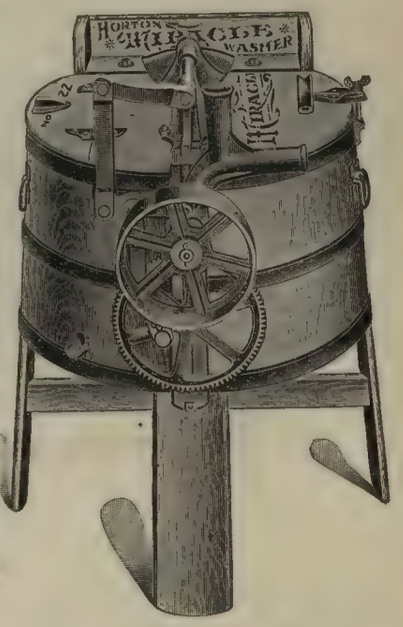
No. 22PW—For Belt Power Only, with Pulley Wheel, Without Fly Wheel, Otherwise Same Description as No. 22FW. **$16.70**

Weight Each About 100 Pounds.

With Fly Wheel and Pulley Wheel, For Hand or Belt Power. Each

No. 22FPW—For Hand or Belt Power, with Fly Wheel and Pulley Wheel, Otherwise Same Description as No. 22FW **$18.90**

Weight Each About 109 Pounds.
All Above, One in a Crate.



Showing Pulley Attached for Belt Power.

EXTRA PULLEY WHEELS

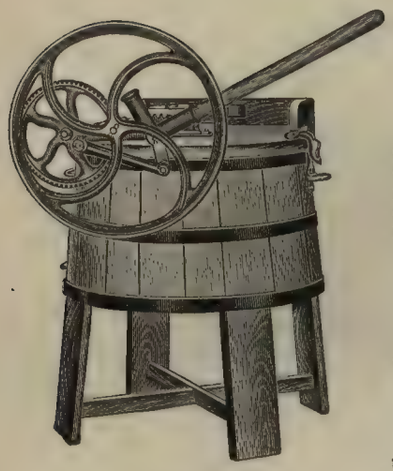
Each

Extra Pulley Wheels—For Belt Power..... **$2.25**

Washing Machines.

BETTER YET

Round, Family Size.



Better Yet.

Each

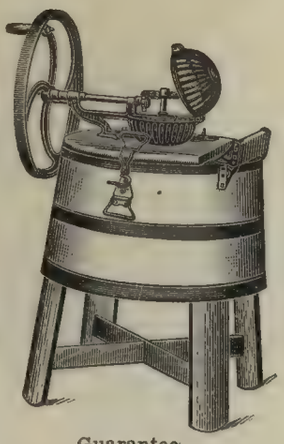
Better Yet—Large Cypress Tub, Corrugated Inside, Natural Finish and Varnished, Improved Wringer Board, Malleable Iron Castings, Hardened Steel Wearing Parts, Galvanized Iron Inside Parts, Large Balance Wheel **$13.35**

The motion is transmitted by a long casting, which has half circle cogs at each end underneath. Can be worked either sitting down or standing up. The Handle can be taken out of one and put in the other while the machine is in motion. The Lever is connected by a gearing with a Large Fly Wheel, which attains a high rate of speed when the machine is in motion.

Weight Each About 75 Pounds.

GUARANTEE

Roller Bearing, Four Stroke Rotary.



Guarantee.

Each

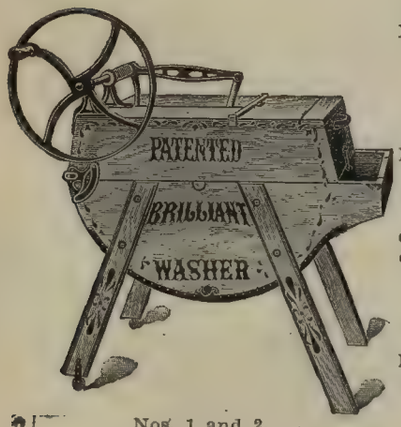
Guarantee—Round, Family Size, Large Cypress Tub, Corrugated Inside, Natural Finish and Varnished, Improved Wringer Board, Galvanized Castings, Covered Gear, Large Green Enameled Fly Wheel..... **$11.15**

The Guarantee is the only machine on the market that by turning the Balance Wheel in either direction you give four separate and distinct motions on the Pin Wheel, viz.: Forward and Back, Up and Down.

Weight Each About 75 Pounds.

One in a Crate.

PRITZLAFF'S BRILLIANT



Nos. 1 and 2.

PRITZLAFF'S BRILLIANT

Double Action, Double Rubber Pattern.

Each

No. 1—Medium Size, Best Grade Louisiana Cypress Tub, Heavy Galvanized Steel Bottom, Casting and Bolts that come in Contact with Water are Galvanized. Large Balance Wheel **$11.15**

Weight Each About 90 Pounds.

No. 2—Large Size, Otherwise Same Description as No. 1..... **12.25**

Weight Each About 95 Pounds.

By lifting the lower cylinder and allowing it to hang on upper cylinder the whole machine can easily be cleaned, wiped and dried.

AMERICAN

Round, Family Size.

Per Dozen

No. 4—Louisiana Cypress Tub, Well Finished in Natural Wood, Corrugated Bottom and Sides, Japanned Iron Castings..... **$75.50**

Weight Each About 50 Pounds.

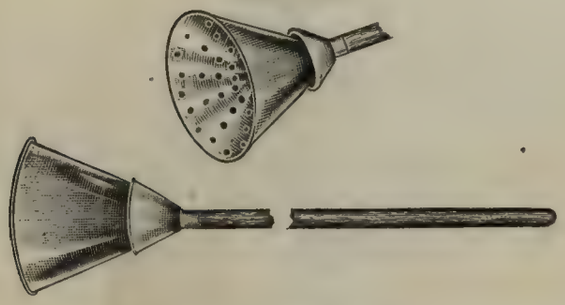
All Above, One in a Crate.

AMERICAN

No. 4.

Pounder Washers

NEW ERA



Heavy Polished Tin.

Per Dozen

New Era—30 in. Wood Handle..... **$8.90**

The principle involved in these Washers is a pounding and stamping process, creating a suction, thus forcing and drawing the dirt from the clothes.

Weight Per Dozen About 18 Pounds.

Open Stock.

CYCLONE

Heavy Polished Tin.

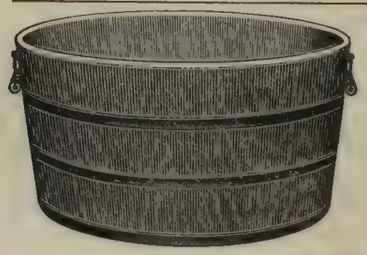
Per Dozen

Cyclone—30 in. Wood Handle..... **$15.60**

The principle involved in these Washers is a pounding and stamping process, creating a suction, thus forcing and drawing the dirt from the clothes.

Weight Per Dozen About 21 Pounds.

Open Stock.

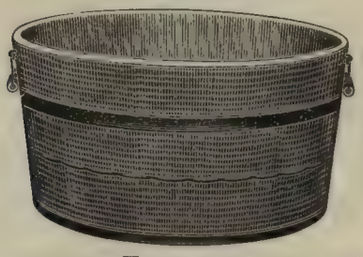


Wash Tubs.

COMMON GRAINED

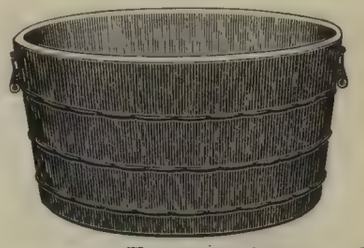
Nos.	X	1	2	3
Size	Extra Large	Large	Medium	Small
Diameter at Top, Inches	26	24	22	20
Ap. Weight Per Dozen, Lbs.	195	150	125	100
Per Dozen	$23.35	20.00	16.70	14.50

DOWEL



Nos.	X	1	2	3
Size	Extra Large	Large	Medium	Small
Diam. of Top, Inches	26	24	22	20
Ap. Wt. Dozen, Lbs.	195	150	125	100
Per Dozen	$23.35	20.00	16.70	14.50

CABLE

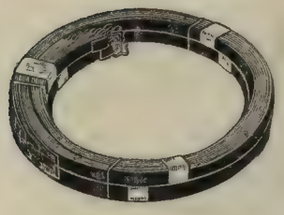


Nos.	X	1	2	3
Size	Extra Large	Large	Medium	Small
Diam. of Top, Inches	26	24	22	20
Ap. Wt. Dozen, Lbs.	195	150	125	100
Per Dozen	$24.50	21.15	17.80	15.60

All Above, One-half Dozen in a Bundle.

Tub Hoops.

ELASTIC



Per Dozen

No. 10—⅞ in. Hoop Steel, Rolled Flaring to Fit Tubs, Expansible and Contractible, Ready for Use, Fit Any Size Tub, Easily Applied $1.35

Weight Per Dozen About 12 Pounds.

Three Dozen in a Box.

Indurated Fibre Water Pails.

STAR

Flush Bottom.

Per Dozen

No. 3—Standard Size, Capacity 12 Quarts.....$5.40

Weight Per Dozen About 44 Pounds.

One-half Dozen in a Crate.

Water Pails.

DOWEL

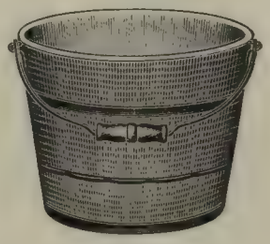
Grained.

Per Dozen

No. 01—3 Hoops $5.40

Weight Per Dozen About 38 Pounds.

CABLE



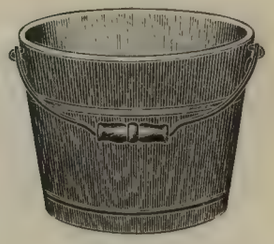
Grained.

Per Dozen

No. 6—3 Hoops $5.60

Weight Per Dozen About 33 Pounds.

COMMON



Grained.

Per Dozen

No. 12—2 Hoops $4.90

Weight Per Dozen About 38 Pounds.

Water Pails.

COMMON

Grained.

Per Dozen

No. 13—3 Hoops $5.40

Weight Per Dozen About 40 Pounds.

Horse Pails.

CABLE

Plain.

Per Dozen

No. 10—3 Hoops, Flush Bottom.$6.70

Weight Per Dozen About 75 Pounds.

J. I. C. OAK

Flush Bottom.

Per Dozen

No. 15—3 Heavy Steel Hoops, $\frac{5}{16}$ in. Iron Bail, Wrought Ears and Side Straps, Fastened with Riveted Bands.....$11.15

Weight Per Dozen About 102 Pounds.

Knife Trays.

Oak Wood.

Per Dozen

No. 22—12x8x2½ in., Two Spaces, Varnished.....**$2.90**

Weight Per Dozen About 15 Pounds.

One Dozen in a Carton.

Basting Spoons.

Hard Maple.

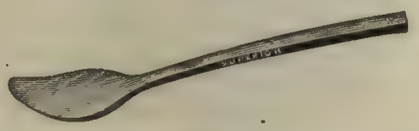
Per Dozen

No. 15—15 in. Long, Plain.....**$1.15**

Weight Per Dozen About 2 Pounds.

One Gross in a Pox.

Mixor Spoons.



Hard Maple.

Per Dozen

No. 16—14 in. Long, Shaped Blade and Handle.....**$1.15**

Weight Per Dozen About 2½ Pounds.

One Gross in a Box.

Potato Mashers.

Bell Shaped.

Per Dozen

No. 3—12 in. Long, 3 in. Diameter Body, Solid Sugar Maple, Wax Polish.....**$1.25**

Weight Per Dozen About 8 Pounds.

One Dozen in a Box.

Tinned.

Per Dozen

No. 1—9 in. Long, Single Steel Wire, Plain Wood Handle..**$0.56**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Tinned.

Per Dozen

No. 90—10 in. Long, Double Twisted Steel Wire, Enameled Wood Handle.....**$1.45**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Rolling Pins.

Plain Revolving Handles.

Per Dozen

No. 1—Selected Hardwood, Smooth Polish.....**$2.35**

Weight Per Dozen About 20 Pounds.

One Dozen in a Box.

Enameled Revolving Handles.

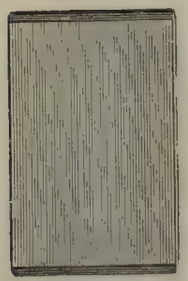
Per Dozen

No. 3—Selected Hardwood, Smooth Polish.....**$2.70**

Weight Per Dozen About 24 Pounds.

One Dozen in a Box.

Meat Boards.



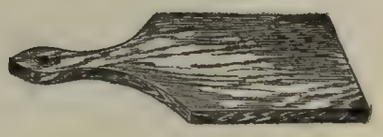
Hardwood.

Per Dozen

No. 1—16 in. Long, 12 in. Wide, ⅞ in. Thick.....**$5.60**

Weight Per Dozen About 48 Pounds.

Open Stock.



Hardwood.

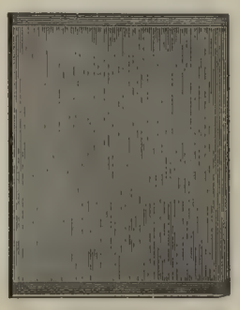
Per Dozen

No. 10—16 in. Long, 8 in. Wide, ¾ in. Thick.....**$2.80**

Weight Per Dozen About 20 Pounds.

Open Stock.

Bread Boards.



Basswood.

Nos.	3	4
Inches	18x24	20x27
Ap. Wt. Doz., Lbs.	49	61
Per Dozen	$7.80	8.90

Hardwood.

Nos.	30	40
Inches	18x24	20x27
Ap. Wt. Doz., Lbs.	92	100
Per Dozen	$8.90	10.70

Open Stock.

Salt Boxes.

Plain.

Per Dozen

No. 3—5¼x4¼x7 in., White Wood, Hinged Cover, Lettered "Salt" **$1.80**

Weight Per Dozen About 8 Pounds.

One Dozen in a Crate.

Blue Decorated China.

Per Dozen

No. 5—6 in. Diameter, 5½ in. High Over All, Wood Cover, Lettered Salt **$5.60**

Weight Per Dozen About 15 Pounds.

Spice Boxes.

No. 25.

Hardwood.

Per Dozen

No. 25—11x18 in., Eight Drawers, Natural Finish Wood, Highly Polished and Varnished, Each Drawer Neatly Lettered..... **$10.70**

Weight Per Dozen About 52 Pounds.

One-half Dozen in a Crate.

Spice Cabinets.

Steel, Heavily Nickel Plated and Polished.

Per Dozen

No. 6—Six 5 Oz. Air-Tight Screw Top Jars, for Spices, Fastened to Wall with Screws, Weight Per Dozen About 48 Lbs..... **$18.70**

No. 9—Nine 5 Oz. Air-Tight Screw Top Jars, for Spices, Fastened to Wall with Screws, Weight Per Dozen About 72 Lbs..... **24.00**

One-twelfth Dozen in a Carton.

Salt and Pepper Cabinets.

Steel, Heavily Nickel Plated and Polished.

Per Dozen

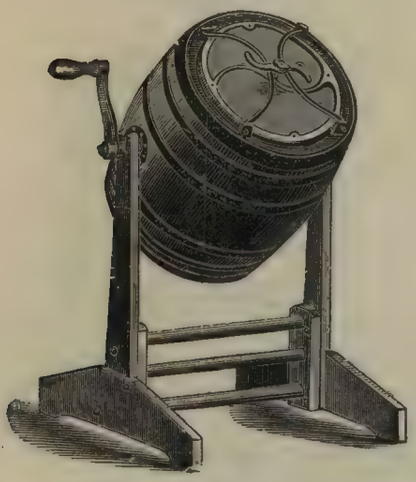
No. 12—One Each Salt and Pepper Shakers, ¼ Lb. Glass Jars, Aluminum Shaker Tops, Fastened to Wall with Screws..... **$6.70**

Weight Per Dozen About 18 Pounds.

One Dozen in a Carton.

Churns.

FAVORITE



Well Seasoned Quarter Sawed Oak, Varnished, Steel Hoops, Patent Lock Cover.

Nos.	0	1	2	3	4
Gallons	6	10	15	20	25
To Churn, Gals.	3	5	7	10	13
Ap. Wt. Each, Lbs.	31	37	42	49	74
Each	$5.40	6.00	6.70	7.40	9.90

Nos.	5	6	7	8
Gallons	35	60	75	90
To Churn, Gals.	18	30	37	45
Ap. Wt. Each, Lbs.	80	125	148	170
Each	$11.40	18.35	21.15	24.70

DASH

Pine, Grained, with Sunk Lid and Dasher.

Nos.	1	2	3	4
Gallons	6	5	4	3
Ap. Wt. Dozen, Lbs.	130	105	85	65
Per Dozen	$21.15	18.90	16.70	14.50

Churn Extras.

FOR FAVORITE CHURNS

Covers Complete.

For Churns, Nos.	0	1	2	3	4	5
Each	$1.35	1.56	1.80	2.00	2.45	2.80

Cranks.

For Churns, Nos.	0	1	2	3	4	5
Each	$0.45	.45	.45	.45	.45	.45

Cork.

For Churns, Nos.	0	1	2	3	4	5
Each	$0.34	.34	.40	.40	.50	.50

Single Pulley and Trunnion.

Diameter, Inches	10	12	14
Face, Inches	2	2	2
Per Set	$2.50	2.85	3.15

Tight and Loose Pulley and Trunnion.

Diameter, Inches	10	12	14
Face, Inches	2	2	2
Per Set	$3.75	4.50	5.25

NOTE—When Ordering Pulleys and Trunnions, Please Mention Size of Churn for which they are Wanted.

Lever Butter Workers.

Folding, Best Quality Ash.

Nos.	0	1	2
Width, Inches	22	30	40
Works Butter, Lbs.	15	25	35
Ap. Weight Each, Lbs.	25	30	35
Each	$7.80	8.90	9.50

Easily and quickly folded. Very rigid when set up. One in a Crate.

Chopping Bowls.

Michigan Sugar Maple, Polished.

Nos.	13	15	17
Diameter, Inches	13	15	17
Ap. Wt. Dz., Lbs.	25	35	50
Per Dozen	$3.35	5.60	11.15

Nos. 13 and 15, One Dozen; No. 17, One-half Dozen in a Crate.

Butter Ladles.

Anderson Shape.

Per Dozen

No. 19—Clear White Sugar Maple, Finished $1.80

Weight Per Dozen About 6 Pounds. Open Stock.

Butter Spades.

Cocobolo Handle.

Per Dozen

No. 2107—8½ in. Cast Steel Blade, Heavily Tinned, Single Bolster $13.35

Weight Per Dozen About 8 Pounds. One-half Dozen in a Box.

Churns.

DAZEY

No. 2.

No. 1.

No. 4.

No. 3*.

SPECIFICATIONS

Base—Best Gray Iron.

Covers—Two Piece White Maple.

Dasher—Seasoned White Maple.

Knobs—Nos. 1 and 2 Wood; Nos. 3 and 4 Porcelain.

Dash Rods—Nos. 1 and 2 Steel, Heavily Tinned.
Nos. 3 and 4 Steel, Heavily Nickeled.

Gears—Nos. 1, 2 and 4 Heavy Cast Iron.
No. 3 Machine Cut.

Faucets—Nos. 1 and 4 Brass, Nickel Plated.
No. 3 White Metal, Nickel Plated.
No. 2 Cork Lined Screw Cap Drain.

Receptacles—Nos. 1 and 2, 2x Triple Plated Tin.
Nos. 3 and 4, 6x Triple Plated Tin.

Finish—All of Frame Aluminum Coated.
Receptacle Outside Enameled Blue.

Nos.	2	1	4	*3
Capacity Gallons	3	6	16	28
Churning Capacity, Gallons	2	4	12	18
Base Spread, Inches	9	12	19	23
Height Over All, Inches	23	31	47	48
Approx. Weight Each, Lbs.	11	27	70	125
Approx. Weight Each, Crated, Lbs.	17	37	100	200
Each	$5.25	8.80	27.75	60.00

*No. 3 Not Carried in Stock. For Shipment from Factory Only

Churns.

DAZEY

Extra Heavy Clear Glass Jar, with a Finished Smooth Top. Steel Screw-Cap Heavily Nickel Plated. Dasher of White Maple Thoroughly Seasoned. Dash Rod of Steel, Tinned, Making it Rust Proof. Frame Cast in One Piece. Natural Finish Wood Handle. Gears Carefully Fitted to Run Smooth and Noiseless. All Castings Double Aluminum Coated.

Nos.	10	20	30	40
Capacity, Pints	3	5	7½	9
Churning Capacity, Pints	2	3	4	5
Height Over All, Inches	11	12	13	14
Approx. Weight Each, Lbs.	3	5	7	8
Approx. Weight Per Dozen, Boxed, Lbs.	60	85	115	135
Per Dozen	**$20.65**	**29.35**	**35.60**	**49.30**

EXTRA GLASS JARS FOR DAZEY CHURNS

Nos.	10J	20J	30J	40J
Approx. Weight Per Dozen, Boxed, Lbs.	40	55	80	90
Per Dozen	**$4.35**	**7.10**	**10.00**	**14.00**

THE DAZEY PRINCIPLE

The **Dazey** Patent Dasher is designed along the lines of the powerful propellers that drive our modern ocean liners, produces an agitation, equalled by no other butter maker.

Any churn will agitate and make butter, but the **Dazey** is the only one that produces butter in its **natural condition.**

In place of breaking the delicate tissues in which the butter fat or oil is contained and bringing this into a mass, the **Dazey** dasher drives the cream across the slanting wings and tenderly rolls up the tiny globules in their natural condition into grains about the size of rice.

During this building up process the caseine and other butter making properties in cream, usually lost with other churns, sticks to and rolls up with the butter globules, which is the reason the **Dazey** makes **more butter.**

The hard uniform size grains during this building up process have squeezed out all the milk, therefore to wash off outside of grains is all that is necessary, which absolutely does away with butter working.

Sanitary—Because nothing to absorb the cream and become rancid as with wooden churns. Can be sunned without warping and without handling entire churn. Just lift the receptacle out.

Cleaning—Is as easily accomplished as cleaning an ordinary tin pail, because there are no cracks or complicated gearings inside. Not a single bearing inside of receptacle.

Temperature—Correct for churning is quickly obtained by placing the receptacle or the whole churn in hot or cold water.

Time—The powerful dasher aided by the square corners of receptacle, produces a scientific agitation, making it possible to churn in from 2 to 5 minutes.

Yield—More butter is produced with the **Dazey** Dasher by rolling all butter making properties up with the butter fat into grains.

Labor—Working of butter is eliminated by the **Dazey**; because the globules in building up in their natural condition have squeezed out all the milk and formed into hard uniform sized grains. To wash off outside of grains is all that is necessary.

Butter Moulds.

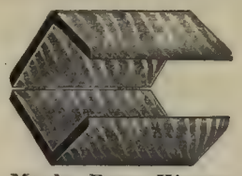
ROUND

Finest Selected Sugar Maple, Hand Carved, Assorted Designs.

Nos.	4	5
Pounds	½	1
Ap. Wt. Dozen, Lbs.	12	11
Per Dozen	$2.80	3.00

One Dozen in a Case.

CALIFORNIA SQUARE



Maple, Brass Hinges.

No.	10
Pounds	1
Ap. Wt. Per Dozen, Lbs.	13
Per Dozen	$5.00

Two Dozen in a Case.

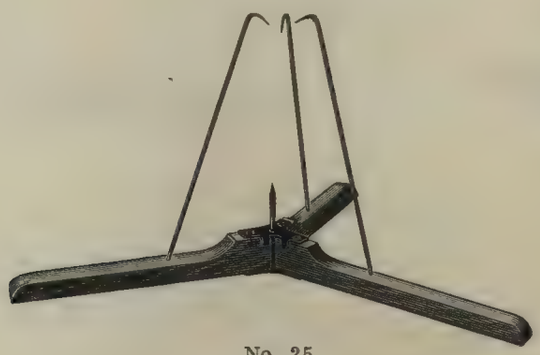
INDIVIDUAL

Finest Selected Sugar Maple, Hand Carved, Assorted Designs.

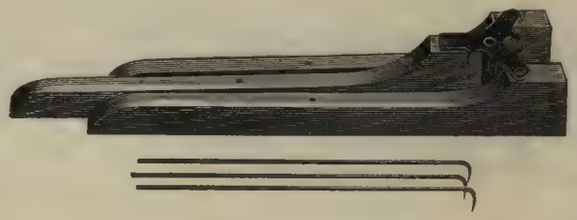
No.	3
Ounces	1
Ap. Wt. Per Dozen, Lbs.	1¼
Per Dozen	$0.90

One Dozen in a Case.

Christmas Tree Holders.



No. 25.



Cut Shows No. 25 Folded.

Folding.

Per Dozen

No. 25—Hardwood Legs, Green Finish, Detachable Steel Braces $4.00

Weight Per Dozen About 18 Pounds.

One-twelfth Dozen in a Pasteboard Box.

BRIGHTON

No. 50.

Cast Iron, Japanned, Ornamented with Gold.

Per Dozen

No. 50—For Trees from 1 to 4 in. in Diameter, with Three Set Screws and Centering Device which Holds the Tree Secure and Perpendicular.... $11.15

Weight Per Dozen About 50 Pounds.

This Holder is made Solid so that Water can be placed in it which keeps the Tree fresh and green for quite a long time.

CROWN

Nos. 2 and 3.

Cast Iron, Japanned.

Per Dozen

No. 2—For Trees up to 2 in. Diameter, Weight Per Dozen About 38 Lbs. $10.80

No. 3—For Trees up to 3 in. Diameter, Weight Per Dozen About 70 Lbs. 14.50

One Dozen in a Box.

No. 75.

LITTLE GEM

Folding.

Per Dozen

No. 75—16 in. Diameter, 6 in. High, All Wrought Steel, Green Enameled, Adjustable for Trees 1½ in. Diameter and Larger..... $6.15

Weight Per Dozen About 30 Pounds.

One-half Dozen in a Box.

LITTLE JEWEL

Folding.

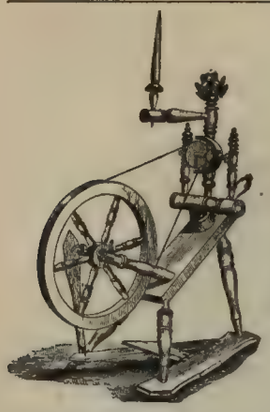
Per Dozen

No. 80—16 in. Across Base, 8½ in. High, All Steel, Green Enameled $3.90

Weight Per Dozen About 13 Pounds.

One Dozen in a Box.

No. 80.



Spinning Wheels.

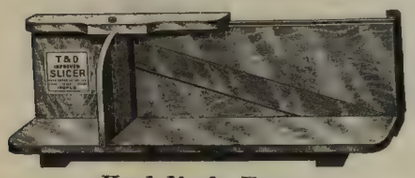
GERMAN

	Each
No. 20—German, Hardwood, Well Made, Complete with 3 Spools	**$6.70**

Weight Each About 12 Pounds.

	Per Dozen
Extra Spools—For German Spinning Wheels	**$ 3.15**
Extra Spindles and Pulleys—For German Spinning Wheels	**12.00**
Extra Wings—For German Spinning Wheels	**6.70**

Bread and Vegetable Slicers.



Hard Maple Frame.

	Each
No. 25—6x9x24 in. Frame, Best Grade White Shellac Finish, 18 in. Highly Finished Steel Knife Shearing Against a Metal Plate, Adjustable	**$7.25**

Weight Each About 17 Pounds.
One in a Box.

Vegetable Slicers.

Fluted Cold Rolled Steel Knife.

	Per Dozen
No. 605—Astor, 4¾x13½ in. Selected White Maple Frame, Rib in Handle for Cutting "Shoe Strings"	**$3.60**

Weight Per Dozen About 12 Pounds.
One Dozen in a Box.

One Cast Steel Knife.

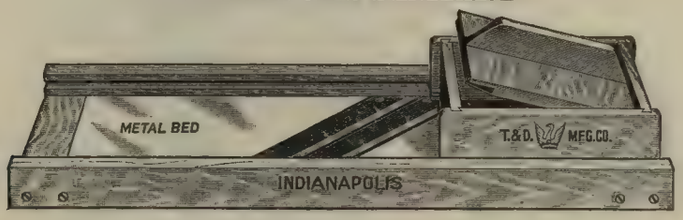
	Per Dozen
No. 601—3½x12 in. White Maple Frame, Adjustable Knife	**$2.25**

Weight Per Dozen About 7 Pounds.

One Dozen in a Box.

Kraut Cutters.

INDIANAPOLIS SANITARY



No. 642.

Metal Bed, Triple Coated with Pure Block Tin.

Absolutely Guaranteed Against Rust, Adjustable Knives, 45 Degree Pitch of Knives, Patent Sliding Box, Safety Lid.

	Per Dozen
No. 642—Two Knives, 9x27 in., Weight Per Dozen About 90 Lbs	**$21.15**
No. 643—Three Knives, 9x29 in., Weight Per Dozen About 100 Lbs	**25.60**
No. 644—Four Knives, 9x31 in., Weight Per Dozen About 110 Lbs	**29.50**
No. 645—Three Knives, 11x33 in., Weight Per Dozen About 140 Lbs	**37.80**

One-quarter Dozen in a Carton.

INDIANAPOLIS SANITARY

Metal Bed, Triple Coated with Pure Block Tin.

Absolutely Guaranteed Against Rust, Adjustable Knives, 45 Degree Pitch of Knives, Patent Sliding Box, Safety Lid.

	Per Dozen
No. 648—Four Knives, 13x42 in., Weight Per Dozen About 285 Lbs	**$76.00**

One-quarter Dozen in a Wood Crate.

T. & D. SPECIAL

Sanitary Metal Bed, Triple Coated with Pure Block Tin.

Adjustable Knives, 24 Degree Pitch of Knives, Sliding Box.

	Per Dozen
No. 672—Two Knives, 9x24 in., Weight Per Dozen About 80 Lbs	**$17.35**
No. 673—Three Knives, 9x25 in., Weight Per Dozen About 85 Lbs	**20.00**
No. 675—Three Knives, 11x30 in., Weight Per Dozen About 125 Lbs	**30.00**

One-quarter Dozen in a Carton.

Slaw Cutters.

Sanitary Metal Bed, Triple Tinned.

Per Dozen

No. 631—6⅝x18 in., One Adjustable Knife.....$7.25
Weight Per Dozen About 28 Pounds.

Sanitary Metal Bed, Triple Tinned.

Per Dozen

No. 632—6⅝x19½ in., Two Adjustable Knives.....$9.35
Weight Per Dozen About 30 Pounds.

One-half Dozen in a Box.

Regular Pattern.

Per Dozen

No. 625—6x16 in., One Adjustable Knife, Hardwood Frame, Smooth Finish.....$4.00

Weight Per Dozen About 24 Pounds.

Regular Pattern.

Per Dozen

No. 626—6x17½ in., Two Adjustable Knives, Hardwood Frame, Smooth Finish.....$5.60

Weight Per Dozen About 28 Pounds.

One Dozen in a Crate.

Corn Poppers.

ROUND

Stained Wood Handle.

Per Dozen

No. 3—1 Quart, Round Wire Basket, Wire Braced, Tin Lid.....$2.00

Weight Per Dozen About 5½ Pounds.

Six Dozen in a Box.

SQUARE

Stained Wood Handle.

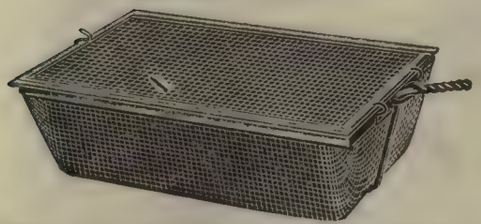
Per Dozen

No. 1—1 Quart, Square Wire Basket and Lid, Wire Braced.....$1.80

Weight Per Dozen About 5½ Pounds.

Six Dozen in a Box.

EXTRA LARGE



Square Wire Basket and Lid, Screw Stained Wood Handle.

Nos.	6	7	8
Capacity, Quarts	1½	2	4
Ap. Weight Per Dozen, Lbs.	6	7	15
Per Dozen	$2.50	3.00	6.00

Nos. 6 and 7, Six Dozen; No. 8, Two Dozen in a Box.

DELPHOS

Uniform Black Steel.

Per Dozen

No. 4—4 Quarts, Wired Around Top, Perforated Cover, with Improved Device for Opening, Preventing Burning of Fingers.....$3.35
Weight Per Dozen About 19 Pounds.

One Dozen in a Carton.

Fly Killers.

Y-R

Per Dozen

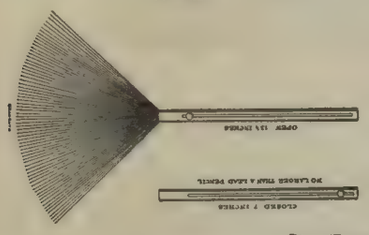
No. 1—18 in. Long, Tinned Wire, Enameled Wood Handle...**$1.70**
Weight Per Dozen About 1 Pound.
One Dozen in a Box, with Display Stand.

OSBORN

Per Dozen

No. 10—15¼ in. Long, 8 in. Wide, Tempered Steel Wire, Enameled Wood Handle.....**$2.25**
Weight Per Dozen About 2 Pounds.
One Dozen in a Box, with Display Stand.

B-A



Per Dozen

No. BA—13½ in. Long When Open, 7 in. Long When Closed, Tinned Steel Spring Wire, Oxidized Nonrustible Metal Handle.....**$1.90**
This Killer can be folded when not in use and carried in the pocket like a lead pencil.
Weight Per Dozen About ¾ Pound.
One Dozen in a Box.

KING

Per Dozen

No. 3—17½ in. Long, 5 in. Wide, Black Wire, Enameled Wood Handle **$1.70**
Weight Per Dozen 1 Pound.
Two Dozen in a Carton, with Display Stand to Hold Six Killers.

VELVET EDGE

Per Dozen

No. 50—17 in. Long, 3¾ in. Wide, Black Wire with Black Velvet Sewed Around Edge, Coppered Wire Shank, Enameled Wood Handle **$1.45**
Weight Per Dozen 2½ Pounds.
One Dozen in a Box.

SHURKIL

Per Dozen

No. 100—16 in. Long, One Piece of Wire Doubled Over and Securely Gathered Under Tin Shield, Coppered Steel Wire Handle **$1.80**
Weight Per Dozen 2½ Pounds.
Two Dozen in a Carton.

PERFECT

Per Dozen

No. 5—16 in. Long, 4¾ in. Wide, Black Wire Screen, Coppered Wire Handle **$0.80**
Weight Per Dozen About ¾ Pound.
Three Dozen in a Box.

JACKSON

Per Dozen

No. 4—15½ in. Long, 4¾ in. Wide, Black Screen with Selvedge Edges and Cloth End, Steel Spring in Center, Enameled Wood Handle.....**$1.70**
Weight Per Dozen 1 Pound.
One Dozen in a Carton.

SHURKIL FLY KILLER ASSORTMENTS

Per Assortment

No. 150—Assortment, Contains 24 Shurkil Fly Killers, in an Attractive Colored Japanned Stand **$4.00**
Weight Per Assortment About 5 Pounds.

One Assortment in a Box.

Fly Traps.

ATWATER

All Galvanized.
Per Dozen

No. 30—20 in. High, 12 in. Diameter at Bottom, 9 in. Diameter at Top, Galvanized Wire and Frame **$17.80**
Wt. Per Dozen About 90 Pounds.
One-half Dozen in a Box.

WAGNER

Galvanized Steel Frame.
Per Dozen

No. 200—22 in. high, 11½ in. Diameter Cone, Removable Cover, Best Quality Wire Screen Sides and Cone **$17.80**
Wt. Per Dozen About 60 Pounds.
One Dozen in a Case, Knocked Down.

BALLOON

Per Dozen

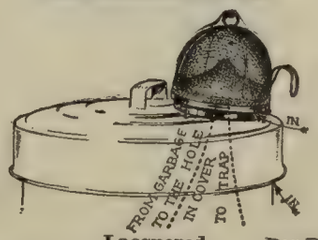
No. 15—Tinned Wire, Stained Wood Base **$2.50**

Weight Per Dozen 7 Pounds.

One Dozen in a Box.

Fly Traps.

EXTERMINATOR



Lacquered. Per Dozen

No. 25—4¾ in. High, 5 in. Diameter, Wire Screen Cone and Cover, Tin Base with Extra Base for Fastening to Garbage Cans **$4.50**
Weight Per Dozen 6 Pounds.
One Dozen in a Box.

Fly Killer.

WONDER

Per Dozen

Wonder—4¼ in. Lithographed Tin Pan, Perforated Top, Felt Pad, to be Filled with Water.....**$1.90**
Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

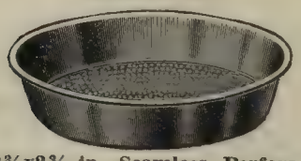
HARPER'S

Per Dozen

No. 20—Black Painted Wire, Stained Wood Base **$2.80**
Weight Per Dozen 9 Pounds.
One Dozen in a Box.

Flour Sieves.

CHAMPION

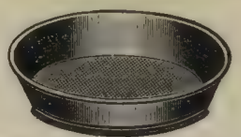


12⅜x2¾ in., Seamless, Perforated Bottom.

No.	2
Weight Per Dozen, Lbs.	6
Per Dozen	$1.45

One Dozen in a Package.

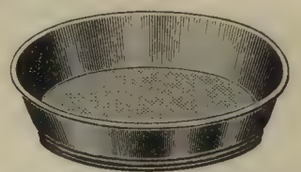
METALLIC



12½x2¾ in., Seamless, Iron Wire.

Nos.	316	318	320
Mesh, Nos.	16	18	20
Wt. Per Dozen, Lbs.	5	5	5
Per Dozen	$1.80	1.90	2.15

One Dozen in a Box.



12½x2¾ in., Seamless, Tinned Wire.

Nos.	416	418	420
Mesh, Nos.	16	18	20
Wt. Per Dozen, Lbs.	5	5	5
Per Dozen	$2.00	2.15	2.40

One Dozen in a Box.

ACME, ONE CUP

Measures One Cup.

Per Dozen

No. 0—3x3½x2¾ in., Tin Body, Tinned Wire Sieve, Upright Back Handle, Side Crank..$1.70

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

Flour Sifters.

PARAGON

Rotary.

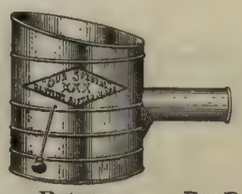
Per Dozen

No. 10—5⅛x6⅛ in., Superior Quality Heavy Tin Body, Tinned Wire Sieve, Rotary Handle Crank $1.90

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

SPECIAL XXX



Rotary. Per Dozen

No. XXX—5⅝x6¼ in., Very Heavy Selected Tin, Planished, Tinned Wire Sieve, Rotary Handle Crank $3.00

Weight Per Dozen About 12 Pounds.

One Dozen in a Box.

QUEEN

Rotary.

Per Dozen

No. 25—5⅛x6⅛ in., Superior Quality Heavy Tin, Tinned Wire Sieve, Back Handle, Side Crank $1.90

Weight Per Dozen 11 Pounds.

One Dozen in a Box.

RIVAL

Rotary. Per Dozen

No. 50—5⅛x6⅛ in., Superior Quality Heavy Tin, Tinned Wire Sieve, Scoop Back Handle, Side Crank $1.90

Weight Per Dozen 12 Pounds.

One Dozen in a Box.

SHAKER

Wood Handle. Per Dozen

Shaker—6½x5 in., Best Quality Tin..$4.00

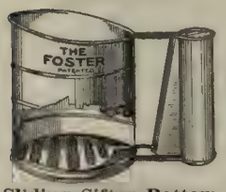
Shaking the Sifter works the Internal Mechanism. It sifts with one hand as rapidly as others do with two, leaving the other hand free to mix or knead the dough.

Weight Per Dozen About 12 Pounds.

One Dozen in a Box.

Flour Sifters.

FOSTER



Sliding Sifter Bottom.

Per Dozen

No. 30—4⅝x5¼ in., IX Charcoal Tin Plate, Wired on Top and Bottom with No. 11 Wire, Tinned Wire Sieve.....$7.80

Weight Per Dozen About 12 Pounds.

One Dozen in a Box.

Cream Whips.

MRS. ROHRER'S

Heavy Polished Tin Body, Removable Tinned Wire Dasher.

Nos.	1	2
Quarts	2	3
Inches	6⅜x5½x4⅝	7¼x6½x5⅝
Wt. Doz., Lbs.	20	22½
Per Dozen	$15.00	20.00

Nos.	3
Quarts	4
Inches	8x7x6¼
Wt. Per Dozen, Lbs.	30
Per Dozen	$25.60

Measuring Cups.

Glass.

Per Dozen

No. 1021—2⅞x2½ in., Marked to Measure Quarters and Thirds of a Cup, Capacity ½ Pint....$1.15

Weight Per Dozen About 7 Pounds.

Open Stock.

Tea or Coffee Pot Stands.

Retinned. Per Dozen

No. 1—6½ in. Diameter, 24 Bars, Twisted Wire.....$1.45

Weight Per Dozen About 3 Pounds.

Retinned. Per Dozen

No. 18—6½ in. Diameter, 12 Bars, Twisted Wire.....$0.80

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Egg Beaters.

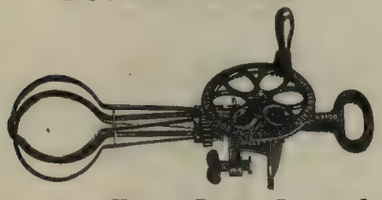
DOVER PATTERN

Cast Iron Frame, Brown Japanned, Tinned Steel Blades.

Per Dozen

No. 2—10½ in. Long, Family Size..$1.45
No. 3—12 in. Long, Large Family Size 3.35
Weight Per Dozen About 5 Pounds.
One-half Dozen in a Box.

DOVER PATTERN



Cast Iron Frame, Brown Japanned, Tinned Steel Blades.

Per Dozen

No. 4—16 in. Long, Hotel Size, with Clamp $53.30
Weight Per Dozen About 12 Pounds.
One-twelfth Dozen in a Box.

LADD

All Steel Frame, Full Nickel Plated, Eight Beating Blades.

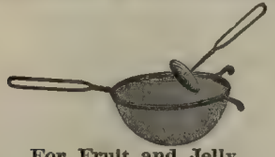
Per Dozen

No. 10—12 in. Long, Household Size $6.25
Weight Per Dozen About 9 Pounds.
One Dozen in a Box.

HANDLED

Nos. 1 to 3.

STRAINERS WITH MASHERS



For Fruit and Jelly.

Per Dozen

No. 1092—Tinned Wire Bowl Strainers, with Masher.....$3.90
Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

HOLT'S

Cast Iron Frame and Gearings.

Per Dozen

No. A—10½ in. Long, Family Size, Japanned, Double Acting, Bright Tin Dasher, Flaring Agitator, Japanned Iron Handle..$2.50
Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box.

BING

Glass Jar.

Per Dozen

No. 20—7¼x3¼ in., Tinned Beater and Cover $6.70
Weight Per Dozen About 24 Pounds.
One-twelfth Dozen in a Carton; One Dozen in a Box.

SPOON

Tinned Wire.

Per Dozen

No. 7—12 in. Long, Stained Wood Handle $0.80
Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

Wire Strainers.

Tin Rim, Black Enameled Handle.

Nos.	1	2	3
Diameter, Inches	2⅝	3¼	4¼
Weight Per Dozen, Lbs.	¾	1	1¼
Per Dozen	$0.90	1.15	1.35

One Dozen in a Box.

German Pattern, Tinned.

Per Dozen

No. 742—1⅞ in. Diameter, 1 in. Deep, 20 Mesh Cloth, Bright Tin Rim.....$0.45
Weight Per Dozen About ¾ Pound.
Six Dozen in a Box.

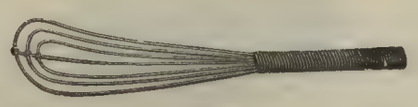
EXTENSION

Tinned Wire.

Nos.	1	2	3
Diameter, Inches	5	6	8
Wt. Dozen, Lbs.	3	4½	6
Per Dozen	$2.70	4.00	6.00

One Dozen in a Box.

SUPERIOR



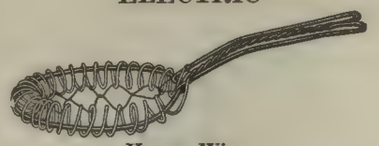
All Wire.

Per Dozen

No. 1—11 in. Long, Retinned.....$1.90
Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

ELECTRIC



Heavy Wire.

Per Dozen

No. 34E—10½ in. Long, Retinned, Frame and Spring Wire Coil Encircling the Oval Portion of Frame, Laced Together with Fine Wire on the Inside.....$0.80
Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

SURPRISE

All Wire. Per Dozen

No. 12—10 in. Long, Full Weight, Retinned $0.28
No. 5—10¼ in. Long, Heavy, Retinned ..... .56
Weight Per Dozen About 1½ Pounds.
One Dozen in a Package.

SPOUT, TEA OR COFFEE

No. 742.

BOWL

Tinned Wire, Wide Rim.

Nos.	1	2
Diameter, Inches	4½	5
Wt. Dozen, Lbs.	2½	3
Per Dozen	$0.56	.99

One Dozen in a Box.

Strainers.

Nos. L30 and L35.

Riveted, Steel Handle.
Heavy Sheet Steel Rim, 20 Mesh, Fine Wire Cloth, Electro Silver Tin Plated. Per Dozen

No. L30—7 in. Long Over All, 2½ in. Diameter Bowl, 1¾ in. Deep $1.70
No. L35—8½ in. Long Over All, 3⅝ in. Diameter Bowl, 2 in. Deep..... 1.90
Weight Per Dozen About 7 Pounds.
One Dozen in a Box.

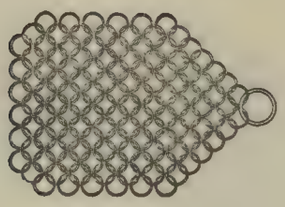
Tinned Wire. Per Dozen

No. 10—12 in. Wide, 16½ in. Long, 3¼ in. Deep.....$2.25
No. 12—Heavy, 12 in. Wide, 16½ in. Long, 3¼ in. Deep.. 3.00
Weight Per Dozen About 14 Pounds.
One Dozen in a Package.

Dish Drainers.

Nos. 10 and 12.

Pot Cleaners.



Bright Wire.

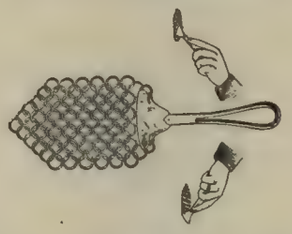
Per Dozen

No. 1—Two Ring, 4 x4 in..**$0.90**

No. 2—Two Ring, 4¾x4¾ in.. **1.35**

Weight Per Dozen About 3 Pounds.

One Dozen in a Package.



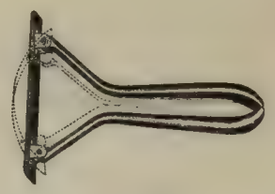
Sensible.

Per Dozen

No. 20—Bright Steel Wire Rings, Nickel Plated Scraper and Handle **$1.70**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.



Flexible.

Per Dozen

No. 10—Clock Spring Blade, Tinned Steel Handle.....**$1.70**

Weight Per Dozen About 4 Pounds.

One Dozen in a Box.

Plate Scrapers.

Kitchen Kumfort.

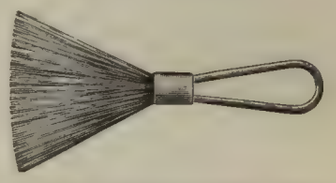
Per Dozen

No. 5—6½ in. Long, 2½ in. Diameter Scraper, Specially Compounded White Rubber Blade, Black Enameled Wood Handle.....**$1.70**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Sink Cleaners.



Round Tempered Steel Wire.

Per Dozen

No. 91—7½ in. Long Over All, 3½ in. Wires, Metal Ferrule and Handle.....**$1.70**

Weight Per Dozen About 3 Pounds.

One Dozen on a Display Card.

Soap Holders.

Retinned.

Per Dozen

No. 904—12 in. Long, 2⅜ in. Diameter, 1½ in. Deep, Tin Band, Wire Cloth Top and Bottom.....**$1.15**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Dish Mops.

Cotton.

Per Dozen

No. 15—12 in. Long, Wood Handle.....**$1.70**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Package.

Tumbler Holders.

Retinned Steel Wire.

Per Dozen

No. 61—3 in. Diameter, 2 in. Deep, with Attachment for Holding Tooth Brush.....**$1.00**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Retinned Steel Wire.

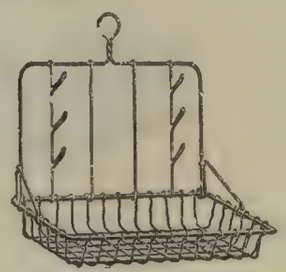
Per Dozen

No. 750—4¾x3¼x1 in., with Feet **$0.70**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Soap Dishes.



Retinned Steel Wire.

Per Dozen

No. 753—6x3½x1 in., with Tooth Brush Rack **$1.70**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Vegetable Skimmers.

Tinned Wire.

Per Dozen

No. 0—13 in. Long, Red Stained Wood Handle **$1.15**

Weight Per Dozen About 3 Pounds.

One Dozen in a Package.

Potato Fryers.

Retinned Wire.

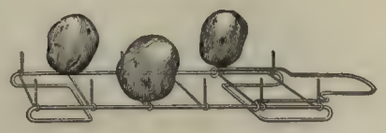
Per Dozen

No. 3—Saratoga, 8½ in. Diameter, Potato Fryer and Berry Washer, Fine Mesh, Lock Bail.....**$3.35**

Weight Per Dozen About 6 Pounds.

One Dozen in a Package.

Potato Bakers.



Tinned Steel Wire.

Per Dozen

No. 607—JAXON, 17 in. Long, 4 in. Wide, Holds 12 Potatoes.....**$1.70**

Weight Per Dozen About 2 Pounds.

One Dozen in a Package.

Vegetable Boilers.

Retinned Wire.

Nos.	1	2	3	4
Diam., Inches	6	7	8	9
Wt. Doz., Lbs.	3¼	4	4½	5½
Per Dozen	$1.70	1.90	2.15	2.50

One-half Dozen in a Package.

Toasters.

CROSS

Coppered Wire.

Per Dozen

No. 1—17½ in. Long, Light, Plain Wood Handle **$0.70**

Weight Per Dozen About 3 Pounds.

One Dozen in a Package.

SENSIBLE

Tinned Wire.

Per Dozen

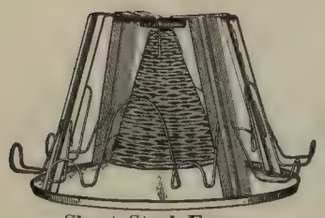
No. 5—18¾ in. Long, Wood Handle **$2.25**

Weight Per Dozen About 4 Pounds.

One Dozen in a Package.

Toasters.

WIRE CONE



Sheet Steel Frame.

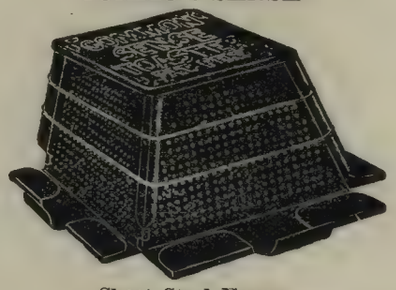
Per Dozen

No. 10—7½ in. Base, 4½ in. Top, 5¼ in. High, Wire Cone and Side Supports, for Gas and Gasoline Stoves **$3.60**

Weight Per Dozen About 5 Pounds.

Open Stock.

COMMON SENSE



Sheet Steel Frame.

Per Dozen

No. 20—7x7 in. Base, 4x4 in. Top, 4 in. High, Perforated Sides, for Gas or Gasoline Stoves....**$4.00**

Weight Per Dozen About 10 Pounds.

One-half Dozen in a Box.

KITCHEN KUMFORT

Full Finished Sheet Steel Frame.

Per Dozen

No. 315—8½ in. Diameter, 5 in. High, Slanted Wire Rack, Perforated Base, Nickel Plated and Polished Bread Rests.....**$4.25**

Weight Per Dozen About 7 Pounds.

One-half Dozen in a Carton.

Broilers.

CROWN

Self-Basting.

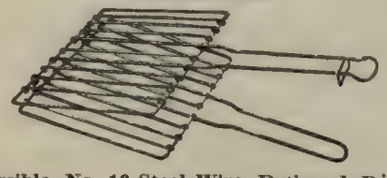
Per Dozen

No. 15—10½ in. Diameter, Heavy Cold Rolled Steel Body and Handles **$5.00**

Weight Per Dozen 18 Pounds.

One Dozen in a Case.

NATIONAL



Light, Reversible, No. 16 Steel Wire, Retinned, Bars 1 in. Apart.

Nos.	0	1	2	3	4
Width, Inches	6	8	10	12	14
Length, Inches	9	9	9	9	9
Weight Per Dozen, Lbs.	4	4½	5	5½	6
Per Dozen	$1.50	1.65	1.80	1.95	2.10

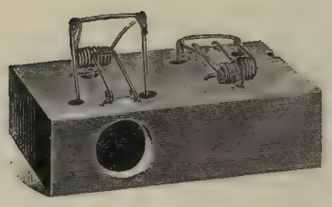
Heavy, Reversible, No. 14 Steel Wire, Retinned, Bars 1 in. Apart.

Nos.	10	11	12	13	14
Width, Inches	6	8	10	12	14
Length, Inches	8	9	9	9	9
Weight Per Dozen, Lbs.	4½	5	5½	6	6½
Per Dozen	$1.80	2.10	2.40	3.00	3.60

One-half Dozen in a Package.

Mouse Traps.

WOOD CHOKER

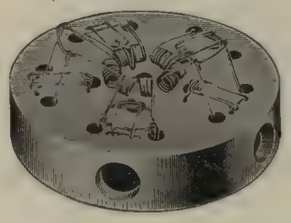


Square Red Stained Wood Base, Coppered Tempered Steel Spring.

Nos.	201	202	203
No. of Holes	1	2	3
Size Base, In.	2⅛x2¼	2¼x4	2¼x5
Wt. Dozen, Lbs.	1¾	2¼	3
Per Dozen	$0.28	.56	.84

One Dozen in a Bundle.

WOOD CHOKER

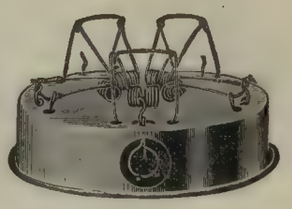


Round, Red Stained Wood Base, Coppered Tempered Steel Spring.

Nos.	204	205	206
Number of Holes	4	5	6
Diam. Base, In.	4½	5	5½
Wt. Dozen, Lbs.	4	4½	5½
Per Dozen	$1.12	1.40	1.68

One Dozen in a Bundle.

TIN CHOKER



Stamped Tin Base, Coppered Wire Springs.

Per Dozen

No. 35—5 Hole, 4¾ in. Diameter, 1⅛ in. High, Weight Per Dozen 1¾ Lbs. **$1.35**

One Dozen in a Bundle.

MASCOTTE

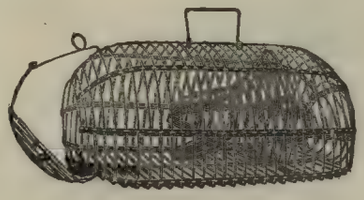
MASCOTTE, Red Stained Wood Box, Tin Bottom, Lacquered Metal Front, Self-Setting.

Per Dozen

No. 40—5⅛x3¾x2⅝ in., Weight Per Dozen 9 Lbs. **$1.90**

Open Stock.

FRENCH PATTERN



Seven Coppered Flat Steel Ribs, No. 19 Coppered Wire Mesh, Patent Flange Around Opening, Lacquered.

Per Dozen

No. 5—9 in. Long, 5 in. Wide, 4 in. High, Weight Per Dozen 6 Lbs. **$5.00**

One-half Dozen in a Package.

OFFICIAL

OFFICIAL, Double Action Trigger, Extremely Sensitive, Heavy Spring, Hardwood Base.

Per Dozen

No. 8—3⅞x1⅞ in. Base, Weight Per Dozen 1 Lb. **$0.56**

The Trigger of the Official is released by either upward or downward pressure.

One Dozen in a Carton.

SURE CATCH

SURE CATCH, Copper Tempered Steel Spring, Hardwood Base.

Per Dozen

No. 15—3⅞x2 in. Base, Weight Per Dozen 1¼ Lbs. **$0.25**

One Dozen in a Box.

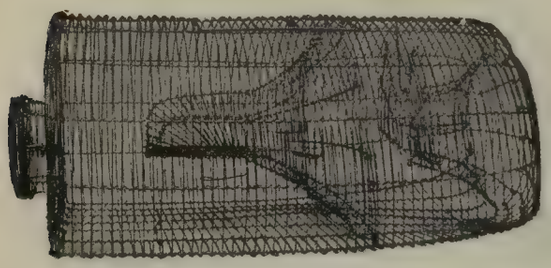
In Galvanized 1 Bushel Basket.

Per Basket

No. 15B—Basket Containing 2½ Gross No. 15, 3⅞x2 in. Mouse Traps, Weight Per Basket 33 Lbs. **$7.70**

Rat Traps.

GENUINE MARTY



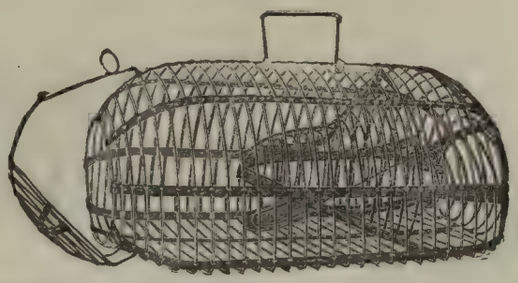
Genuine Marty, Coppered Iron Wire.

Per Dozen

No. 3½—16 in. Long, 9½ in. Wide, 8 in. High, Weight Per Dozen About 20 Lbs.....**$12.80**

One-half Dozen in a Crate.

SURPRISE



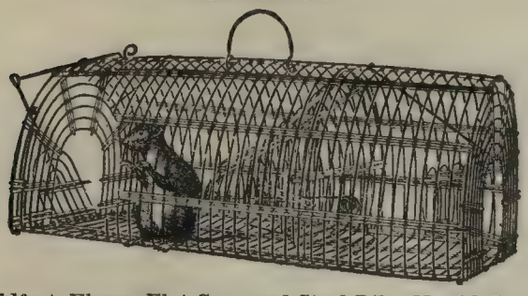
Surprise, Nine Coppered Flat Steel Ribs, No. 17 Coppered Wire Mesh, Patent Flange Around Opening, Lacquered.

Per Dozen

No. 3—15½ in. Long, 8½ in. Wide, 6¾ in. High, Weight Per Dozen About 28 Lbs.....**$6.70**

One-half Dozen in a Crate.

HOLDFAST



Holdfast, Eleven Flat Coppered Steel Ribs, No. 16 Coppered Wire Mesh, Square Ends, Safety Door.

Per Dozen

No. 9—19 in. Long, 10½ in. Wide, 8 in. High, Weight Per Dozen About 45 Lbs.....**$9.50**

One-half Dozen in a Crate.

STAR

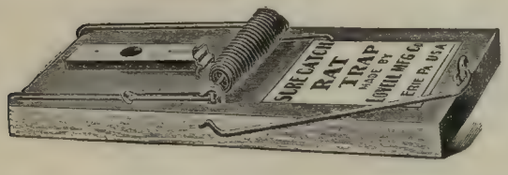
Star, Tempered Steel Wire Spring, Tinned, Hard Maple Base, Oil Stained.

Per Dozen

No. 10—6x4 in. Base, 6x2¾ in. Upright, Weight Per Dozen About 18 Lbs.....**$2.25**

One Dozen in a Crate.

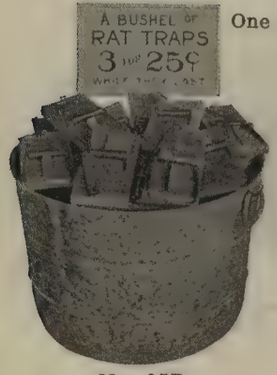
SURE CATCH



Sure Catch, Coppered Tempered Steel Spring, Hardwood Base.

Per Dozen

No. 25—7x3½ in. Base, Weight Per Dozen About 7 Lbs.....**$1.25**



No. 25B.

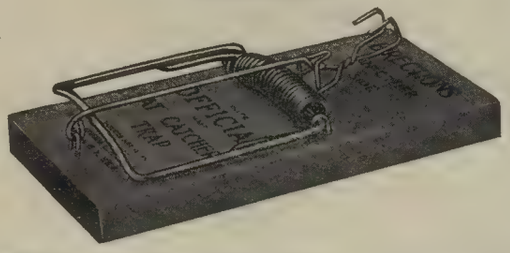
One Dozen in a Box.

In Galvanized 1 Bushel Basket.

Per Basket

No. 25B—Basket Contains 3 Dozen No. 25, 7x3½ in. Rat Traps, Weight Per Basket About 33 Lbs..**$6.50**

OFFICIAL



Official, Double Action Trigger, Extremely Sensitive, Heavy Spring, Hardwood Base.

Per Dozen

No. 18—7x3¼ in. Base, Weight Per Dozen 5½ Lbs....**$1.70**

The Trigger of the Official Rat Trap is released by either Upward or Downward Pressure.

One Dozen in a Carton.

Mole Traps.

Rittenhouse, Self-Setting, Tinned Steel Frame, Spring Steel Spears, Steel Wire Spring.

Per Dozen

No. 10—16½ in. Long, with 4 3/16 in. Thrust, Weight Per Dozen 30 Lbs..**$12.25**

One-half Dozen in a Crate.

Steel Game Traps.

ONEIDA JUMP, HIGHEST GRADE

Single Spring, with Chain.

Nos. 0 to 1½.

Per Dozen

No. 0 —**Rat, Gopher or Weasel Trap,** 5¼ in. Long, Spread of Jaws 4 in., Diameter of Pan 1½ in., Length of Chain 16½ in., Weight Per Dozen 5½ Lbs..... **$2.95**

No. 1 —**Muskrat Trap,** 5⅞ in. Long, Spread of Jaws 4¾ in., Diameter of Pan 2⅛ in., Length of Chain 18½ in., Weight Per Dozen 8 Lbs..... **3.20**

No. 1½—**Mink Trap,** 6½ in. Long, Spread of Jaws 5¼ in., Diameter of Pan 2¼ in., Length of Chain 19¾ in., Weight Per Dozen 9½ Lbs..... **4.75**

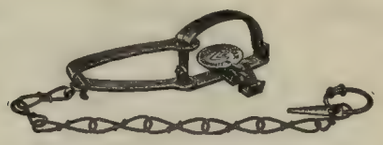
No. 2.

Per Dozen

No. 2—Fox, Raccoon or Fisher Trap, 7¾ in. Long, Spread of Jaws 5½ in., Diameter of Pan 2¾ in., Length of Chain 19¾ in., Weight Per Dozen 14¼ Lbs..... **$6.70**

These Traps are Lighter in Weight and therefore easier to carry than the other style. They lie very flat and are easily secreted in the runways of animals. The Jaws have full, wide meeting faces, much less likely to break the animal's leg.

VICTOR



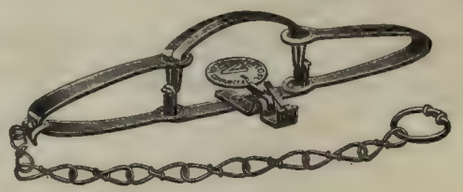
Single Spring, with Chain.

Per Dozen

No. 0 —**Rat, Gopher or Weasel Trap,** 6⅞ in. Long, Spread of Jaws 3½ in., Diameter of Pan 1½ in., Length of Chain 16½ in., Weight Per Dozen 5 Lbs..... **$2.15**

No. 1 —**Muskrat Trap,** 8⅛ in. Long, Spread of Jaws 4 in., Diameter of Pan 1¾ in., Length of Chain 18½ in., Weight Per Dozen 7¼ Lbs... **2.50**

No. 1½—**Mink Trap,** 9⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 11⅜ Lbs.. **3.60**



Double Spring, with Chain.

Per Dozen

No. 2—Fox, Raccoon or Fisher Trap, 14⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 13⅝ Lbs..... **$5.20**

No. 3—Coyote, Fisher, Fox or Badger Trap, 17 in. Long, Spread of Jaws 5¼ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 21½ Lbs..... **7.00**

No. 4—Lynx, Coyote or Badger Trap, 19 in. Long, Spread of Jaws 5⅞ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 24¼ Lbs..... **8.25**

HAWLEY & NORTON

Single Spring, with Chain.

Per Dozen

No. 0 —**Rat, Gopher or Weasel Trap,** 6⅞ in. Long, Spread of Jaws 3½ in., Diameter of Pan 1½ in., Length of Chain 16½ in., Weight Per Dozen 5⅞ Lbs..... **$3.30**

No. 1 —**Muskrat Trap,** 8⅛ in. Long, Spread of Jaws 4 in., Diameter of Pan 1¾ in., Length of Chain 18½ in., Weight Per Dozen 7⅝ Lbs... **3.90**

No. 1½—**Mink Trap,** 9⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 12¼ Lbs.. **5.85**

Double Spring, with Chain.

Per Dozen

No. 2—Fox, Raccoon or Fisher Trap, 14⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 19¾ in., Weight Per Dozen 15⅞ Lbs..... **$ 8.15**

No. 3—Coyote, Fisher, Fox or Badger Trap, 17 in. Long, Spread of Jaws 5¼ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 25⅛ Lbs..... **10.90**

No. 4—Lynx, Coyote or Badger Trap, 19 in. Long, Spread of Jaws 5⅞ in., Diameter of Pan 2⅝ in., Length of Chain 23 in., Weight Per Dozen 29 Lbs..... **12.85**

GENUINE NEWHOUSE

Single Spring, with Chain.

Per Dozen

No. 0—Rat or Gopher Trap, 6⅞ in. Long, Spread of Jaws 3½ in., Diameter of Pan 1⅝ in., Length of Chain 19½ in., Weight Per Dozen 7⅜ Lbs..**$4.50**

No. 1—Muskrat Trap, 8⅛ in. Long, Spread of Jaws 4 in., Diameter of Pan 1¾ in., Length of Chain 19½ in., Weight Per Dozen 9⅞ Lbs.. **5.30**

Single Spring, Double Jaws, with Chain.

Per Dozen

No. 91—Skunk, Mink or Muskrat Trap, 8⅛ in. Long, Spread of Jaws 5⅛ in., Diameter of Pan 1¾ in., Length of Chain 19⅜ in., Weight Per Dozen 10½ Lbs..... **$6.35**

Single Spring, with Chain.

Per Dozen

No. 1½—Mink Trap, 9⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 22 in., Weight Per Dozen 14⅜ Lbs..**$7.90**

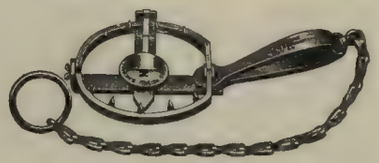
Steel Game Traps.

GENUINE NEWHOUSE

Single Spring, Double Jaws, with Chain.

Per Dozen

No. 91½—Fox, Skunk, Mink, Raccoon or Woodchuck Trap, 9⅝ in. Long, Spread of Jaws 6¼ in., Diameter of Pan 2⅛ in., Length of Chain 22 in., Weight Per Dozen 16⅝ Lbs. **$9.60**



Single Spring, with Teeth and Chain.

Per Dozen

No. 2½—Otter or Beaver Trap, 11 in. Long, Spread of Jaws 5½ in., Diameter of Pan 2½ in., Length of Chain 26 in., Weight Per Dozen 25⅞ Lbs..... **$17.40**

Double Spring, with Chain.

Per Dozen

No. 2—Fox Trap, 14⅝ in. Long, Spread of Jaws 4⅝ in., Diameter of Pan 2⅛ in., Length of Chain 22 in., Weight Per Dozen 17⅞ Lbs. **$11.10**

Double Spring, with Chain.

Per Dozen

No. 3—Otter Trap, 17 in. Long, Spread of Jaws 5⅝ in., Diameter of Pan 2½ in., Length of Chain 26 in., Weight Per Dozen 28⅝ in.. **$14.75**

Double Spring, with Chain.

Per Dozen

No. 4—Beaver Trap, 19 in. Long, Spread of Jaws 6⅜ in., Diameter of Pan 2¾ in., Length of Chain 26 in., Weight Per Dozen 38¼ Lbs. **$17.40**

Double Spring, Offset Jaws and Teeth, with Chain.

Per Dozen

No. 14—Beaver or Otter Trap, 19 in. Long, Spread of Jaws 6⅜ in., Diameter of Pan 2¾ in., Length of Chain 26 in., Weight Per Dozen 40 Lbs..... **$18.50**

Double Spring, Extra Heavy Steel Swivel and Chain, Heavy Snap, Pronged Drag.

Per Dozen

No. 4½—Wolf Trap, 23¾ in. Long, Spread of Jaws 8¾ in., Diameter of Pan 3¼ in., Length of Chain 45 in., Weight Per Dozen 92 Lbs..... **$42.20**

Double Spring, Heavy Chain and Ring.

Per Dozen

No. 5—Bear Trap, 34½ in. Long, Spread of Jaws 11¾ in., Diameter of Pan 4 in., Length of Chain 18 in., Weight Per Dozen 234 Lbs..... **$126.50**

Steel Game Traps.

GENUINE NEWHOUSE

Double Spring, with Teeth, Heavy Chain, Swivel and Ring.

Per Dozen

No. 6—Grizzly Bear Trap, 44½ in. Long, Spread of Jaws 16 in., Diameter of Pan 5⅞ in., Length of Chain 23 in., Weight Per Dozen 522 Lbs... **$295.25**

Setting Clamps.

For Traps No. 14 and Smaller.

Per Dozen

No. 4—2¼ in. Opening, Weight Per Dozen 2¾ Lbs.... **$2.65**

For Traps Nos. 4½ to 6.

Per Dozen

No. 5—4½ in. Opening, Weight Per Dozen 9¾ Lbs.... **$6.35**

One of these Clamps applied to each Spring, will, by a few turns of the Thumb Screw, bend the Springs to their places, so that the Pan may be adjusted without difficulty. They dispense with the inconvenient and dangerous use of Levers.

Stove Boards.

PERSIAN ENAMELED

The Harmonious Coloring and Artistic Designs Reproduce as Nearly as is Possible on Metal the Beauty of Persian Rugs.

No. 110 Square.

Wood Lined, Enameled.

No. 110—Square.

Size, Inches	26x26	28x28	30x30
Weight Per Dozen About, Lbs.	112	124	148
Per Dozen	$14.80	17.40	19.85
Size, Inches		33x33	36x36
Weight Per Dozen About, Lbs.		172	204
Per Dozen		$25.80	30.80

One-half Dozen in a Box.

Wood Lined, Enameled.

No. 120—Oblong.

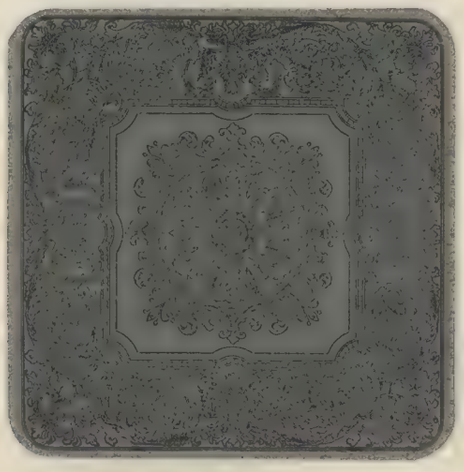
Size, Inches	24x36	26x32	28x34
Weight Per Dozen About, Lbs.	138	134	154
Per Dozen	$18.20	17.95	20.65
Size, Inches		30x38	32x42
Weight Per Dozen About, Lbs.		182	206
Per Dozen		$23.80	28.60

One-half Dozen in a Box.

No. 120—Oblong.

Stove Boards.

WOOD LINED, CRYSTALLIZED



No. 3—Square.

Size, Inches	26x26	28x28	30x30
Ap. Wt. Per Dozen, Lbs..	107	124	142
Per Dozen	$14.80	17.40	19.85
Size, Inches		33x33	36x36
Ap. Wt. Per Dozen, Lbs..		170	198
Per Dozen		$25.80	30.80

No. 6—Oblong.

Size, Inches	24x36	26x32	28x34
Ap. Wt. Per Dozen, Lbs..	135	128	146
Per Dozen	$18.20	17.95	20.65
Size, Inches		30x38	32x42
Ap. Wt. Per Dozen, Lbs..		174	207
Per Dozen		$23.80	28.60

PAPER LINED, CRYSTALLIZED

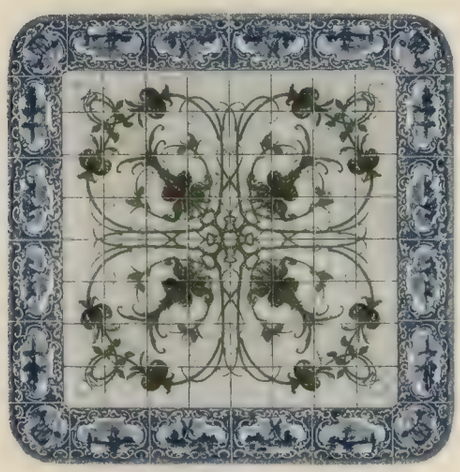
No. 9—Square.

Size, Inches	24x24	26x26	28x28
Ap. Wt. Per Dozen, Lbs..	31	38	43
Per Dozen	$8.40	9.30	10.30
Size, Inches	30x30	32x32	35x35
Ap. Wt. Per Dozen, Lbs..	48	55	82
Per Dozen	$12.25	13.80	18.05

No. 12—Oblong.

Size, Inches	24x36	26x30	28x34
Ap. Wt. Per Dozen, Lbs..	47	42	49
Per Dozen	$12.82	12.20	13x80
Size, Inches		30x36	32x42
Ap. Wt. Per Dozen, Lbs..		62	74
Per Dozen		$16.00	19.65

"DELFT" ENAMELED



No. 75—Delft, Square.

WOOD LINED

No. 75—Square.

Size, Inches	26x26	28x28	30x30
Ap. Weight Per Dozen, Lbs..	107	124	142
Per Dozen	$14.80	17.40	19.85
Size, Inches		33x33	36x36
Ap. Weight Per Dozen, Lbs..		170	198
Per Dozen		$25.80	30.80

No. 78—Oblong.

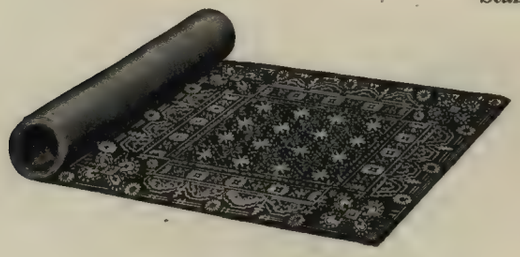
Size, Inches	24x36	26x32	28x34	30x38	32x42
Ap. Weight Per Dozen, Lbs.	135	128	146	174	207
Per Dozen	$18.20	17.95	20.65	23.80	28.60

Paper Lined Boards are marked according to the size of blanks from which they are made. Wood Lined Boards represent Full Size Available Surface.

Paper Lined, One Dozen; Wood Lined, One-half Dozen in a Box.

Oil Cloth Rugs.

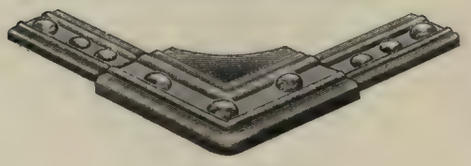
Standard Quality, Assorted Patterns.



Yards Square	1¼	1½	2
Weight Per Roll, Lbs.	98	132	233
Rugs in a Roll	20	20	15
Each	$1.22	1.70	3.02

Open Stock.

Oil Cloth Binding.



Zinc Plated, Improved Round Hem.

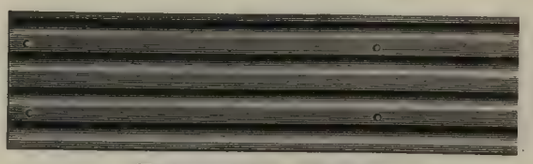
Nos.	5	6	8
Length Per Coil, Yards	5	6	8
Weight Per Dozen, Lbs.	2¾	3	3¼
Per Dozen	$1.35	1.56	2.15

Pure Brass, Improved Round Hem.

Nos.	05	06	08
Length Per Coil, Yards	5	6	8
Weight Per Dozen, Lbs.	2¾	3	3¼
Per Dozen	$2.70	3.00	4.35

One Dozen Sets in a Box, Complete with Nails and Corners.

Linoleum Binding

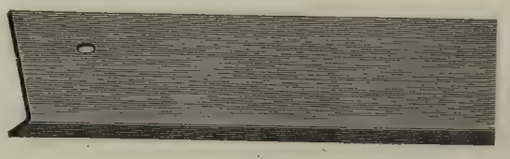


Embossed Seam Binding.

Per Box

No. 17—¾ in. Wide, 50 Yards in a Box, Complete with Nails $3.65

Weight Per Box 3¾ Pounds.



Regular Turned Edge Binding.

Per Box

No. 19—75 ft. in a Coil, Complete with Brass Plated Nails $5.00

Weight Per Box 4½ Pounds.

OIL CLOTH BINDING NAILS

Per Dozen Papers

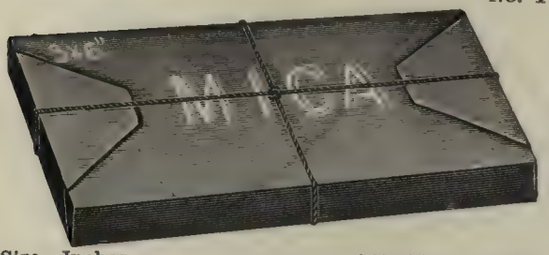
Oil Cloth Binding Nails—⅝ in., Round Head, Bright Iron, in ¼ Lb. Papers $0.80

One Dozen Papers in a Package.

Mica.

No. 1—Selected North Carolina.

Discount on Application.



Size, Inches	2x2	2x2½	2x3	2x3½	2x4
Per Pound	$4.50	5.00	6.00	6.50	7.00
Size, Inches	2x4½	2½x2½	2½x3	2½x3½	2½x4
Per Pound	$7.50	6.50	7.25	7.75	8.50

Size, Inches	2½x4½	2½x5	2½x6	2¾x2¾	2¾x3	2¾x4	2¾x5	3x3	3x3½
Per Pound	$9.00	9.50	10.00	7.50	8.00	9.00	10.00	8.50	9.00
Size, Inches	3x4	3x4½	3x5	3x6	3½x3½	3½x4	3½x4½	3½x5	3½x5½
Per Pound	$10.00	10.25	10.50	11.00	10.00	10.50	10.75	11.00	11.25
Size, Inches		3½x6	4x4	4x4½	4x5	4x5½	4x6	4x6½	4x7
Per Pound		$11.50	10.50	11.00	11.25	11.50	12.00	12.25	12.50
Size, Inches		4½x4½	4½x5	4½x6	4½x6½	4½x7	5x5	5x6	6x8
Per Pound		$11.25	11.50	12.50	13.00	13.50	12.00	13.00	20.00

One-quarter Pound in a Package.

Stove Pipe.

MADE UP

No. 1—27 Gauge, Smooth Blued Steel, Uniform Color.

Full Joints.

Inches	5	6	7
Length Joint, In.	24	24	24
Wt. 100 Joints, Lbs.	215	250	285
Per Joint	$0.17	.18	.21

Half Joints.

Inches	6
Length Joint, Inches	12
Weight 100 Joints, Lbs	125
Per Joint	$0.11

Quarter Joints.

Inches	6
Length Joint, Inches	6
Weight 100 Joints, Lbs	64
Per Joint	$0.07

Open Stock.

No. 2—29 Gauge, Smooth Blued Steel.

Full Joints.

Inches	6
Length Joint, Inches	24
Weight 100 Joints, Lbs	190
Per Joint	$0.15

Open Stock.

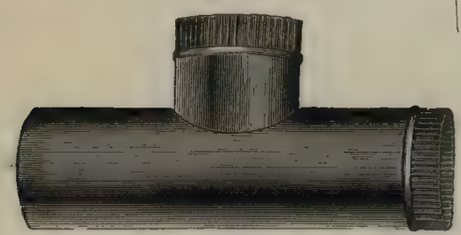
Planished Iron. 27 Gauge.

Full Joints.

Inches	6
Length Joint, Inches	28
Weight 100 Joints, Lbs	260
Per Joint	$0.58

Open Stock.

T JOINTS, MADE UP

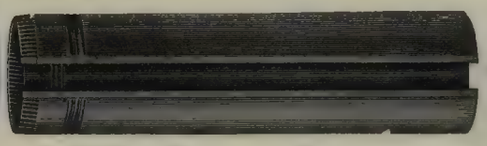


No. 1—27 Gauge, Smooth Blued Steel, Uniform Color.

Inches	6
Length Joint, Inches	24
Weight 100 Joints, Lbs	260
Per Joint	$0.54

Open Stock.

STANDARD PATENT LOCK SEAM, NESTED



No. 1—27 Gauge, Smooth Blued Steel, Uniform Color.

Full Joints.

Inches	5	6	7
Length Joint, In.	24	24	24
Wt. 100 Joints, Lbs.	215	250	285
Per Joint	$0.17	.18	.21

Half Joints.

Inches	6
Length Joint, Inches	12
Weight 100 Joints, Lbs	125
Per Joint	$0.11

Quarter Joints.

Inches	6
Length Joint, Inches	6
Weight 100 Joints, Lbs	64
Per Joint	$0.07

No. 2—29 Gauge, Smooth Blued Steel.

Full Joints.

Inches	6
Length Joint, Inches	24
Weight 100 Joints, Lbs	190
Per Joint	$0.15

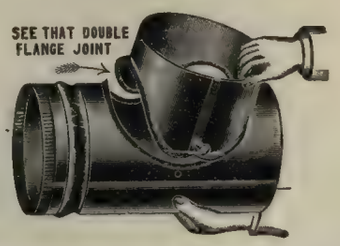
Planished Iron. 27 Gauge.

Full Joints.

Inches	6
Length Joint, Inches	28
Weight 100 Joints, Lbs	260
Per Joint	$0.58

25 Joints in a Crate.

T JOINTS, NESTED



Common Smooth Steel Fastens Together with Two Bolts.

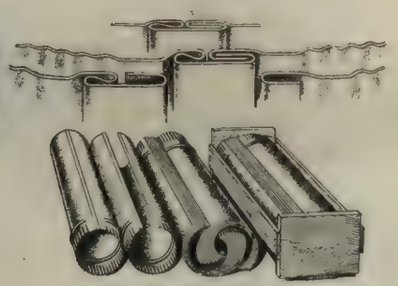
Per Joint

Handy—6 in., 12 in. Long, Weight 10 Joints Nested 15 Lbs. $0.33

Saves 90 per cent of room and 75 per cent of freight. Always ready for use.

10 Joints in a Paper Carton, Nested.

SECURITY, NESTED



No. 26—26 Gauge Follansbee Blued Steel.

Full Joints.

Inches	5	6	7
Length Joint, In.	24	24	24
Wt. 100 Joints, Lbs.	215	250	300
Per Joint	$0.21	.23	.27

Half Joints.

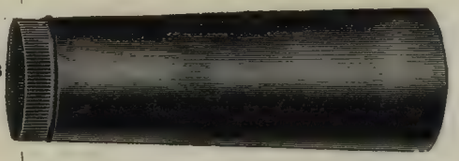
Inches	6
Length Joint, Inches	12
Weight 100 Joints, Lbs	125
Per Joint	$0.13

Quarter Joints.

Inches	6
Length Joint, Inches	6
Weight 100 Joints, Lbs	64
Per Joint	$0.08

25 Joints in a Crate.

TAPER JOINTS



No. 1—27 Gauge, Smooth Blued Steel, Uniform Color. Made Up.

Inches	6x5	7x6
Length Joint, Inches	24	24
Weight 100 Joints, Lbs.	225	260
Per Joint	$0.20	.23

Open Stock.

Nested.

Inches	6x5	7x6
Length Joint, Inches	24	24
Weight 100 Joints, Lbs.	225	260
Per Joint	$0.20	.23

25 Joints in a Crate.

Planished Iron, 27 Gauge. Made Up.

Inches	6x5	7x6
Length Joint, Inches	28	28
Weight 100 Joints, Lbs.	225	260
Per Joint	$0.58	.72

Open Stock.

No. 26—Security Nested. 26 Gauge Follansbee Blued Steel.

Inches	6x5	7x6
Length Joint, Inches	24	24
Weight 100 Joints, Lbs.	225	270
Per Joint	$0.24	.28

25 Joints in a Crate.

Stove Pipe Caps.

Cut Shows Cap made up Ready for Use.

Japanned Sheet Steel.

Per Dozen

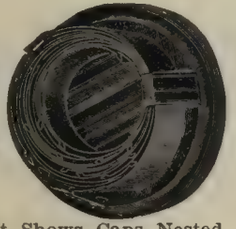
No. 01—6 in., Wt. Per Doz. 5 Lbs. $1.90

Galvanized Sheet Steel.

Per Dozen

No. 02—6 in., Wt. Per Doz. 5 Lbs. $2.50

One Dozen in a Carton.



Cut Shows Caps Nested.

Stove Pipe Elbows.

FAVORITE

One Piece.
Extra Heavy Refined Blue Steel.

Size, Inches	3	4	5
Ap. Wt. Doz., Lbs.	4	8	16
Per Dozen	$1.15	1.35	1.70

Size, Inches	6	7
Ap. Wt. Doz., Lbs.	18	22
Per Dozen	$1.90	2.70

Polished Steel.

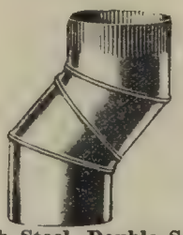
Size, Inches	5	6	7
Ap. Wt. Doz., Lbs.	13	16	19
Per Dozen	$2.40	2.90	3.60

Planished Steel.

Size, Inches	5	6	7
Ap. Wt. Doz., Lbs.	17	19	24
Per Dozen	$4.00	5.00	6.25

One Dozen in a Bundle.

ADJUSTABLE



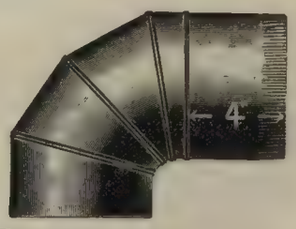
Smooth Steel, Double Seamed.

Size, Inches	5	6	7
Ap. Wt. Doz., Lbs.	10	12½	16
Per Dozen	$1.70	1.90	2.60

Planished Steel, Double Seamed.

Size, Inches	5	6	7
Ap. Wt. Doz., Lbs.	11	13	16
Per Dozen	$4.50	5.00	6.50

One Dozen in a Bundle.



Extra Long End, Smooth Steel.

Size, Inches	6
Ap. Weight Per Dozen, Lbs.	13
Per Dozen	$2.50

Extra Long End, Planished Steel.

Size, Inches	6
Ap. Weight Per Dozen, Lbs.	15
Per Dozen	$5.80

One Dozen in a Bundle.

Furnace Pipe Elbows.

Adjustable, Four Piece, No. 26 Galvanized Iron.

Inches	7	8	9
Ap. Wt. Doz., Lbs.	18	26	32
Per Dozen	$6.15	7.25	8.00

Inches	10	12
Ap. Wt. Doz., Lbs.	38	43
Per Dozen	$10.00	14.25

Open Stock.

Chimney Thimbles.

KIRCH'S NESTED

Smooth Steel.

No.	6
Inches	6
Ap. Weight Per Dozen, Lbs.	4½
Per Dozen	$0.80

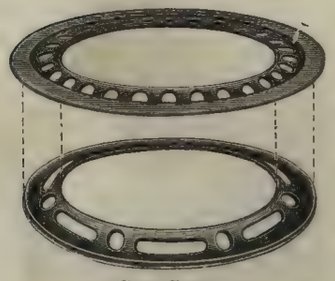
Galvanized Iron.

No.	7
Inches	6
Ap. Weight Per Dozen, Lbs.	6
Per Dozen	$0.90

One Dozen in a Roll.

Cylinder Heads.

IMPROVED



Cast Iron.

Size, Inches	5	6	7
Ap. Wt. Dz. Prs., Lbs.	19	22	28
Per Doz. Pairs	$2.80	3.00	3.35

One Dozen Pairs in a Crate.

NEVER BREAK

Stamped Steel, Japanned.

Size, Inches	6
Ap. Wt. Per Dozen Pairs, Lbs.	10
Per Dozen Pairs	$2.80

One Dozen Pairs in a Box.

Stove Pipe Cylinders.

CORRUGATED ADJUSTABLE

The Tin Cylinders are corrugated so that by screwing them together any desired adjustment may be secured.

Japanned Steel Heads, Tin Cylinders, Screw Adjustments.

Nos.	14	16
For Pipe, Inches	6	6
Extends, Inches	4 to 8	6 to 12
Ap. Wt. Doz., Lbs.	16	20
Per Dozen	$4.25	4.70

One-half Dozen in a Crate.

SPRING EXTENSION

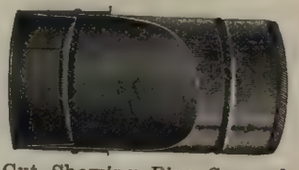
Stamped Steel Heads, Japanned Body, with Spiral Steel Springs.

Nos.	4	6
For Pipe, Inches	6	6
Extends, Inches	4 to 8	6 to 12
Ap. Wt. Doz., Lbs.	21	26
Per Dozen	$4.25	4.70

No. 4, One Dozen, No. 6, One-half Dozen in a Case.

LOGAN'S

Front View.



Cut Showing Pipe Secured.

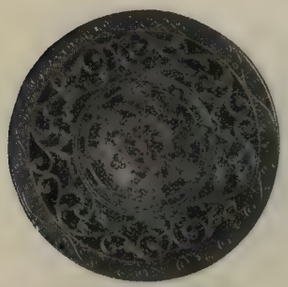
Sheet Steel, Corrugated Edge.

	Per Dozen
Logan's—6 in., with 3 in. Inside Flange, Weight Per Dozen About 8 Lbs.	$2.25

The flange makes this Thimble air tight, dispenses wiring, holds pipe in place and is absolutely fire proof.

One Dozen in a Crate.

Stove Pipe Registers.



No. 6 Ceiling Plate.

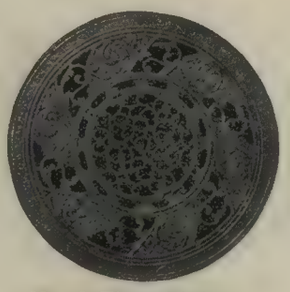
IDEAL

Cast Iron White Enameled Ceiling Plate, Black Japanned Floor Plate, Detachable Ornamental Center.

Per Dozen Sets

No. 6—Outside Diameter 16 in., for 6 in. Stove Pipe, Weight Per Dozen 180 Lbs.....**$23.35**

One-half Dozen in a Case.



No. 6 Floor Plate.

No. 30 Ceiling Plate.

ADAMS', ROUND

Cast Iron White Enameled Ceiling Plate, Black Japanned Floor Plate, Detachable Ornamental Center.

Per Dozen Sets

No. 30—Outside Diameter 15½ in., for 6 in. Stove Pipe, Wt. Per Dozen 216 Lbs..**$26.65**

No. 32—Outside Diameter 15½ in., for 7 in. Stove Pipe, Wt. Per Dozen 220 Lbs.. **26.65**

One-quarter Dozen Sets in a Box.

No. 30 Floor Plate.

No. 16 Ceiling Plate.

ADAMS', SQUARE

Cast Iron, White Enameled Ceiling Plate, Black Japanned Floor Plate, Detachable Ornamental Center.

Per Dozen Sets

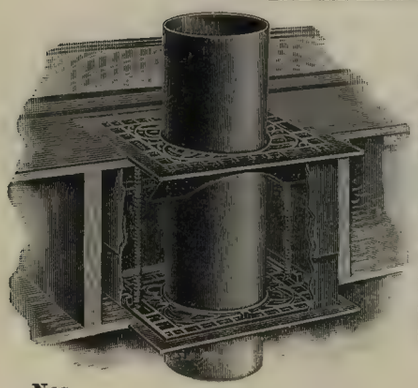
No. 16—Outside Dimensions 15¼x15¼ in., for 6 in. Stove Pipe, Weight Per Dozen 240 Lbs.....**$33.35**

One-quarter Dozen Sets in a Box.

No. 16 Floor Plate.

Stove Pipe Registers.

INDEPENDENT



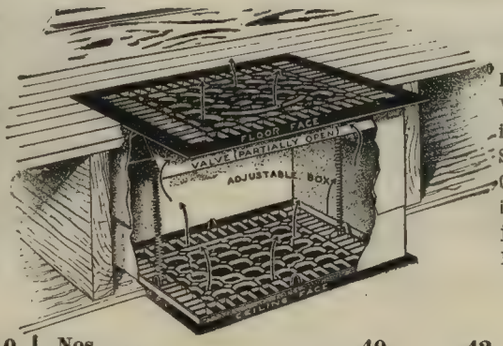
Consists of Black Floor Register with Valves, White Ceiling Plate, with Sheet Metal Box Connecting the Registers and Plate, Adjustable from 7 to 12 inches in Depth. Both Register and Plate have Opening in Center for 6 inch Stove Pipe.

Nos.	108	1210
Size of Opening, Inches	8x10	10x12
Weight Each About, Lbs.	9	12½
Each	$2.65	3.85

One in a Box, Three in a Crate.

Ventilators.

INDEPENDENT



Consists of Black Floor Plate with Valves, White Ceiling Plate, with Sheet Metal Box Connecting the Register and Plate. Adjustable from 7 to 12 inches in depth.

Nos.	40	42	43	44
Size Opening, Inches	8x10	9x12	10x12	10x14
Weight Each About, Lbs.	9½	12	12½	15
Each	$2.65	3.25	3.85	4.60

One in a Box, Three in a Crate.

Stove Pipe Dampers.

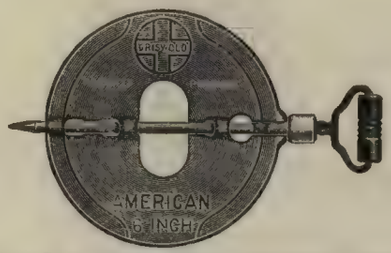
J. P. H. CO.

Cast Iron Blade, Black Enameled Wood Handle, Closed Spring.

Inches	6
Ap. Wt. Dozen, Lbs.	8½
Per Dozen	$1.25

Open Stock.

AMERICAN

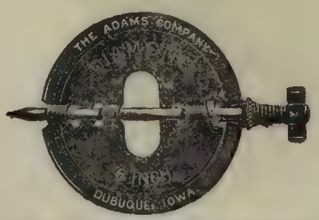


Cast Iron Blade, Black Enameled Wood Handle, Closed Spring.

Inches	5	6	7	8
Ap. Wt. Dz., Lbs.	6	8	13	18
Per Dozen	$1.35	1.45	1.70	2.70

Open Stock.

DIAMOND



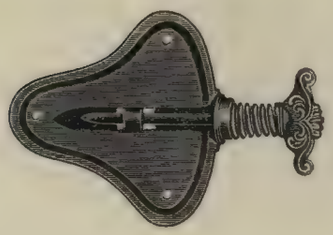
Cast Iron Blade, Black Enameled Wood Handle, Tinned Steel Wire Spring.

Inches	5	6	7
Ap. Wt. Doz., Lbs.	6	7½	12
Per Dozen	$1.35	1.45	1.90

Open Stock.

Damper Clips.

IDEAL



With Tail Piece, Open Spring.

Per Dozen

No. 12—Stamped Steel, Nickel Plated Iron Handle.....$1.35

Weight Per Dozen About 4 Pounds.

Open Stock.

IDEAL, NO RIVET

With Tail Piece, Open Spring.

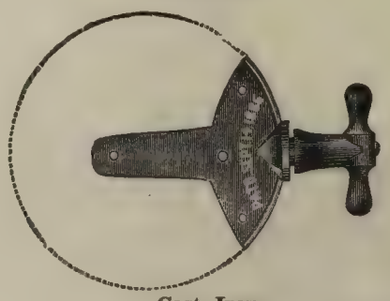
Per Dozen

No. 22—Stamped Steel, Nickel Plated Iron Handle.....$1.25

Weight Per Dozen About 4 Pounds.

Open Stock.

BUFFALO



Cast Iron.

Per Dozen

No. 10—With Iron Handle.....$1.45

Weight Per Dozen About 4¼ Pounds.

Open Stock.

Cook Stove Dampers.

DIAMOND

Per Dozen

No. 15—Cast Iron, Adjustable Blade, 9 in. Long, 3½ in. Wide, Will Reduce to 5½ in. Long, 2 in. Wide.....$5.00

Weight Per Dozen About 22 Pounds.

This Damper will fit all Stoves having a Turnover Damper. Can be put in without taking Stove apart. The Handle can be put in from either end, thus adapting it to any Damper that may turn forward or backward.

One Dozen in a Box.

Stove Pipe Collars.

Bright Tin.

Inches	5	6
Ap. Wt. Gross, Lbs.	15	19
Per Gross	$4.15	4.50

Inches	7
Ap. Wt. Gross, Lbs.	23
Per Gross	$6.90

One-twelfth Gross in a Package.

Japanned Tin.

Size, Inches	5	6	7
Ap. Weight Per Gross, Lbs.	14	19	23
Per Gross	$5.60	5.90	8.60

Brass Plated.

Size, Inches	5	6	7
Ap. Weight Per Gross, Lbs.	14	19	23
Per Gross	$4.50	4.90	6.25

WIDE FLANGE, Bright Tin.

Nos.	33	44	55
Inches	3x9¼	4x9¼	5x9¼
Ap. Wt. Gross, Lbs.	33	30	27
Per Gross	$5.90	5.90	5.90

One Dozen in a Package.

WIDE FLANGE, Lacquered Tin.

Nos.	133	144	155
Inches	3x9¼	4x9¼	5x9¼
Ap. Weight Per Gross, Lbs.	33	30	27
Per Gross	$6.70	6.70	6.70

One Dozen in a Package.

Flue Stops.

COMMON, Plain Tin.

Nos.	11	12
Diameter, Inches	7½	8½
For Flue, Inches	6	7
Ap. Wt. Dozen, Lbs.	3	4
Per Dozen	$0.80	1.00

Open Stock.

CROWN, IC Tin, Lacquered, Rope Pattern, Fancy Center.

Per Dozen

No. 30—8¼ in. Diameter, for 6 to 7 in. Flue.....$0.90

Weight Per Dozen About 3 Pounds.
One Dozen in a Box.

RAU'S PERFECT, Tin, Brass Finish, Fancy Center, Spring Wire Fastener.

Per Dozen

No. 10—8¼ in. Diameter, for 6 to 7 in. Flue.....$1.35

Weight Per Dozen About 3¼ Pounds.
One Dozen in a Box.

CLARK'S GEM, Brass Finish, Fancy Center, Patent Wire Fasteners.

Per Dozen

No. 3—8¼ in. Diameter, for 6 in. Flue $1.35

Weight Per Dozen About 3½ Pounds.
One Dozen in a Box.

CLARK'S GEM, Flush, Gray Lacquered, Fancy Center, Patent Wire Fasteners.

Per Dozen

No. 1—8¼ in. Diameter, for 6 in. Flue $1.45

Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

TIP TOP, Embossed, Bright Tin, Lacquered, Fancy Center, Patent Wire Fastener. Per Dozen

No. H12—8¼ in. Diameter, for 6 to 7 in. Flue.....$1.56

Weight Per Dozen About 3¾ Pounds.
One Dozen in a Box.

KIRCK'S ADJUSTABLE, Tin, Corrugated Rim, Brass Finish, Fancy Center, Sheet Iron Holder.

Per Dozen

No. 25—8¼ in. Diameter, for 6 to 7 in. Flues $1.70

Weight Per Dozen About 5 Pounds.
One Dozen in a Box.

HIGGINS' PERFECT, Reversible, Ornamental Brass Finish, Fancy Center, ⅝ in. Single Hoop Fastener.

Per Dozen

No. H2—8¼ in. Diameter, for 6 in. Flue..$1.35

Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

Coal Hods.

CORRUGATED

Open.

Japanned, Round Bottom, Half Oval Bails.

Nos.	116	117
Inches	16	17
Ap. Wt. Doz., Lbs.	26	29
Per Dozen	$3.60	3.90

No.	118
Inches	18
Ap. Wt. Doz., Lbs.	33
Per Dozen	$4.50

Galvanized, Round Bottom, Half Oval Bails.

Nos.	616	617	618
Inches	16	17	18
Ap. Weight Per Dozen, Lbs.	26	29	33
Per Dozen	$5.00	5.60	6.25

One-half Dozen in a Bundle.

Funnel.

Japanned, Round Bottom, Half Oval Bails.

Nos.	316	317
Inches	16	17
Ap. Wt. Doz., Lbs.	29	32
Per Dozen	$4.50	4.90

No.	318
Inches	18
Ap. Wt. Doz., Lbs.	36
Per Dozen	$5.40

Galvanized, Round Bottom, Half Oval Bails.

Nos.	716	717	718
Inches	16	17	18
Ap. Weight Per Dozen, Lbs.	29	32	36
Per Dozen	$6.25	6.90	7.60

One-quarter Dozen in a Bundle.

EXTRA HEAVY

Extra Heavy Black Iron, Carefully Galvanized after being Shaped, Square Mouth, High Foot Securely Attached to Bottom, Securely Riveted Rounded Back Handle, Extra Heavy Reinforced Ears, Two Red Bands, Red Half Oval Bail.

Open.

Nos.	817	818
Inches	17	18
Ap. Weight Per Dozen, Lbs.	35	39
Per Dozen	$9.35	10.00

One-quarter Dozen in a Bundle.

Funnel.

Nos.	917	918
Inches	17	18
Ap. Weight Per Dozen, Lbs.	38	42
Per Dozen	$10.70	11.50

One-quarter Dozen in a Bundle.

Fire Shovels.

VULCAN. Japanned, Stamped Sheet Steel, Flat Handle.

Per Dozen

No. 80F—4¾x7 in. Scoop, 15 in. Long Over All, Weight Per Dozen 4½ Lbs. **$0.56**

One Dozen in a Package.

VICTOR. Japanned, Stamped Sheet Steel, Round Handle.

Per Dozen

No. 54F—4¾x7 in. Scoop, 15 in. Long Over All, Weight Per Dozen 5 Lbs. **$0.80**

One-half Dozen in a Package.

VICTOR. Japanned, Stamped Sheet Steel, Round Handle.

Per Dozen

No. 56F—4¾x7 in. Scoop, 20 in. Long Over All, Weight Per Dozen 7 Lbs. **$1.06**

One-half Dozen in a Package.

Gem. Japanned, Stamped Sheet Steel, Extra Strong, Round Handle.

Per Dozen

No. 25F—5x8 in. Scoop, 23 in. Long Over All, Weight Per Dozen 10 Lbs. **$1.70**

One Dozen in a Package.

Japanned, Stamped Sheet Steel, Heavy and Extra Strong, Double Handle, Riveted.

Per Dozen

No. 7F—5¼x7½ in. Scoop, 16 in. Long Over All, Weight Per Dozen 10 Lbs. **$1.70**

One-half Dozen in a Package.

Japanned, Stamped Sheet Steel, Heavy and Extra Strong, Double Handle, Riveted.

Per Dozen

No. 9F—5¼x7½ in. Scoop, 22 in. Long Over All, Weight Per Dozen 13 Lbs. **$1.90**

No. 11F—5¼x7½ in. Scoop, 25 in. Long Over All, Weight Per Dozen 14 Lbs. **2.25**

One-half Dozen in a Package.

Shovel Sifters.

Heavy Sheet Steel, Perforated Wood Handle.

Per Dozen

No. 15S—20½ in. Long, 8¼ in. Wide, 2⅝ in. Deep, ⅜ in. Perforations, 3½ ft. Handle, Weight Per Dozen 56 Lbs. **$17.80**

One-half Dozen in a Bundle.

Ash Sifters.

PEERLESS. Rotary, Heavy Galvanized Iron. Without Can.

Each

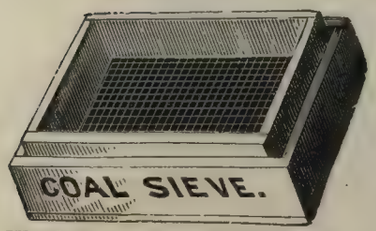
No. 1P—18 in. Diameter Bottom for Ash Barrel or Ash Can, Weight Each 25 Lbs. ..... **$ 5.60**

No. 2P—20 in. Diameter Bottom for Ash Barrel or Ash Can, Weight Each 27 Lbs. **10.00**

Open Stock.

Ash Sifters.

SQUARE



Wood Frame, Black Wire Cloth.

Per Single Dozen

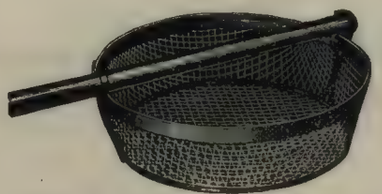
No. 1—Nested, One Each 12x14 and 14x16 in., Weight Per Dozen 32 Lbs. **$2.80**

Two Dozen in a Crate.

No. 2—All Large, 14x16 in., Weight Per Dozen 40 Lbs. **$3.20**

One Dozen in a Crate.

METALLIC



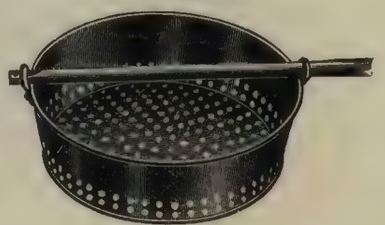
Round, Iron Bands on Top and Bottom, Black Wire Cloth, Stained Wood Handle.

Per Dozen

No. 3—14 in. Diameter, 4 in. Deep, Weight Per Dozen 24 Lbs. **$4.25**

One Dozen in a Bundle.

NESCO



Sheet Steel, Perforated Bottom, 3½ ft. Stained Wood Handle.

Per Dozen

No. 75—Japanned, 14 in. Diameter, 4 in. Deep, Weight Per Dozen 20 Lbs. **$5.00**

No. 100—Galvanized, 14 in. Diameter, 4 in. Deep, Weight Per Dozen 20 Lbs. **6.70**

Three Dozen in a Bundle.

Stove Cover Lifters.

IDEAL, Cast Iron, Nickel Plated, Always Cool Handle, with Ring.
Per Dozen
No. 66—9 in. Long, Weight Per Dozen About 4½ Lbs.....**$0.80**
One Dozen in a Case.

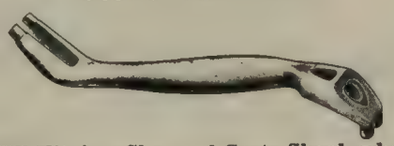
IDEAL, Cast Iron, Nickel Plated, Always Cool Handle.
Per Dozen
No. 76—8¼ in. Long, Weight Per Dozen About 13 Lbs....**$1.00**
One Dozen in a Box.

Cast Iron, Copper Bronzed, Round Perforated Handle.
Per Dozen
No. 305—8¼ in. Long, Weight Per Dozen About 3 Lbs.....**$0.55**
One Dozen in a Box.

Stove Cover Lifters.

ZERO, Heavy Sheet Steel, Japanned Perforated Handle.
Per Dozen
No. 3—10¼ in. Long, Weight Per Dozen About 2 Lbs. **$0.75**
One Dozen in a Box.

Stove Shakers.



Cast Iron, Will Fit Any Shape of Grate Shank whether Round, Flat or Square.
Per Dozen
Fit-'Em-All—9 in. Long Over All, Weight Per Dozen About 12 Lbs.....**$1.70**
One Dozen in a Box.

Stove Shakers.

Two-In-One Assortment.

Cast Iron, Aluminum Finish.
Per Assortment
Two-In-One—Contains 12 Assorted Shakers, Each End Being a Shaker, Giving an Assortment Fitting all Popular Makes of Heating Stoves, Weight Per Assortment 15 Lbs. **$3.35**
One Dozen in a Package. Do Not Break Packages.

Two-In-One Shakers Will Fit the Following Stoves.

No. 37 Gold Coin.
No. 5 Palace Aladdin.
No. 21 Sterling.
No. 112 Mystic Dockash.
No. 113 Monitor Radiator.
No. 50 Buck's Brilliant.
No. 58 Minnehaha.
No. 16 Flirt.
No. 52 Estate Oak.
No. 31 Jewett's Athanor.
No. 65 Peninsular.
No. 58 Peninsular.
No. 71 Royal Acorn.
No. 12 Splendid
No. 10 Art Garland.
No. 102 Live Oak Jewel.
No. 63 Radiant Jewel.
No. 83 Sterling Ventilator.
No. 106 Wabash Oak.
No. 66 Harmony.
No. 108 Star American.

Besides the Above there are a Dozen Other Makes which the "Two-In-One" Will Fit.

Fire Pokers.

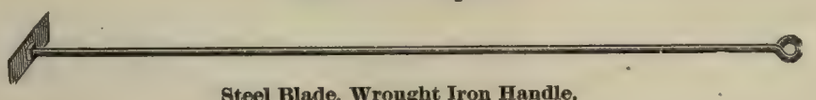
Straight, Wrought Iron, Nickel Plated Wire Handle, with Ring.
Per Dozen
No. 120—$\frac{5}{32}$x20 in., Weight Per Dozen About 7½ Lbs..**$1.15**
One Dozen in a Box.

Bent, Wrought Iron, Nickel Plated Wire Handle, with Ring.
Per Dozen
No. 125—$\frac{5}{32}$x20 in., Weight Per Dozen About 7½ Lbs..**$1.15**
One Dozen in a Box.

Straight, Wrought Iron, Nickel Plated Wire Handle, with Ring.
Per Dozen
No. 140—⅜x26 in., Weight Per Dozen About 15 Lbs..**$2.25**
One Dozen in a Box.

Bent, Wrought Iron, Nickel Plated Wire Handle, with Ring.
Per Dozen
No. 145—⅜x26 in., Weight Per Dozen About 15 Lbs...**$2.25**
One Dozen in a Box.

Stove Scrapers.



Steel Blade, Wrought Iron Handle.
Per Dozen
No. 36—1¼x3½ in. Blade, 36 in. Handle, Weight Per Dozen About 10 Lbs.....**$0.90**
One Dozen in a Bundle.

Fire Backs.

ADAMS' CRESCENT

Cast Iron, For Wood or Coal Cook Stoves.

Per Dozen

No. 8—Full Size 6x16 in., Reduces to 4½x12 in., Weight Per Dozen 72 Lbs. ..... $ 8.35

No. 9—Full Size 6x20 in., Reduces to 4½x16 in., Weight Per Dozen 96 Lbs. 10.35

Raised bosses in the center panel prevent the fuel from coming in contact with the back plate, prolonging the life of the back without adding excessive weight. Special care has been taken to make deep sharp breaking grooves. Are easily fitted.

One Dozen in a Box.

DIAMOND EXTENSION

CLOSED

EXTENDED.

Cast Iron, Adjustable, No Bolts for Nos. 7, 8 and 9 Cook Stoves.

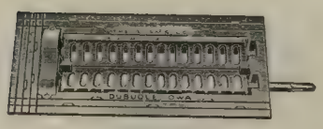
Per Dozen

No. 70—Adjusts from 4½ to 7 in. in Width and 15 to 20 in. in Length, Weight Per Dozen 115 Lbs. $14.50

One-half Dozen in a Box.

Duplex Grates.

ADAMS'



Cast Iron, Adjustable, for Repairing Ranges Where it is Difficult to Obtain the Original.

Each

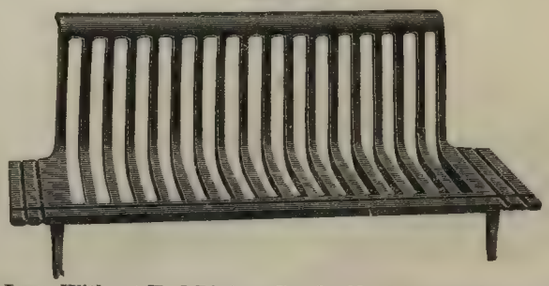
No. 8D—Full Size 8x18½ in., Reduces to 6x16½ in., Weight Each 16 Lbs. $2.80

No. 9D—Full Size 9½x20 in., Reduces to 7½x18 in., Weight Each 21 Lbs. 3.35

Three in a Crate.

Basket Grates.

BIRD'S



Cast Iron, Without End Lining, Can be Used Successfully to Burn Coal in a Wood Stove.

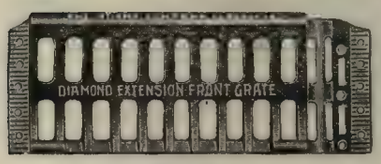
Per Dozen

No. 8H—Full Size 7½x18 in., Reduces to 6x15 in., Weight Per Dozen 174 Lbs. $18.90

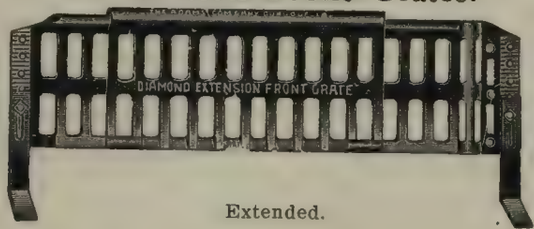
No. 9H—Full Size 8½x20 in., Reduces to 7x17 in., Weight Per Dozen 228 Lbs. 24.00

One-half Dozen in a Box.

Extension Front Grates.



Closed.



Extended.

DIAMOND

Cast Iron, Fits Nearly All Cook Stoves, for Either Coal or Wood.

Per Dozen

Diamond—Adjusts from 4 to 6 in. High, 11 to 21 in. Long, Wt. Per Dozen 60 Lbs. $12.25

One-half Dozen in a Box.

Stove Covers.

SOLID

Cast Iron.

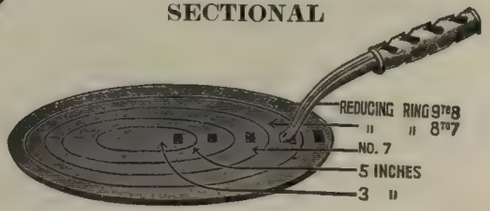
Per Dozen

No. 8—8½ in. Diameter, ⅝ in. Edge, Weight Per Dozen 36 Lbs. $5.80

No. 9—9½ in. Diameter, ⅝ in. Edge, Weight Per Dozen 48 Lbs. $7.50

Open Stock.

SECTIONAL



Cast Iron.

Per Dozen

No. 9—9½ in. Diameter, Reduces No. 9 to 8, No. 8 to 7, No. 7 to 5 in., 5 in. to 3 in., Weight Per Dozen 56 Lbs. $10.00

One-half Dozen in a Box.

Reducing Rings.

Cast Iron.

Per Dozen

No. 1—Reduces Size No. 8 to 7, Weight Per Dozen 13 Lbs. $2.25

No. 2—Reduces Size No. 9 to 8, Weight Per Dozen 15 Lbs. 2.60

Open Stock.

Coal Chutes.

MAJESTIC

Heavy Steel Body, Best Quality Gray Cast Iron Solid Door, Automatically Locking, All Parts Thoroughly Painted.

With 12 Gauge Boiler Plate Hopper.	Each
No. 101—24 in. Wide, 17 in. high, 13 in. deep, Weight Each 80 Lbs.	$13.35

Without Hopper.	Each
No. 102—24 in. Wide, 17 in. High, 13 in. Deep, Weight Each 66 Lbs.	$10.00

The Majestic Chute is designed to be placed in the foundation wall for depositing coal, wood or vegetables into the cellar. The door can be opened only from the Inside.

Fuel Chutes.

THE "BEST"

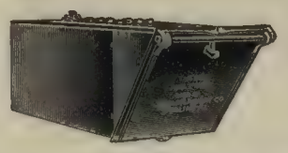


Illustration Shows the Chute Ready for Shipment.

This Chute sets flush with wall on the outside of building and is 28 in. long on top.

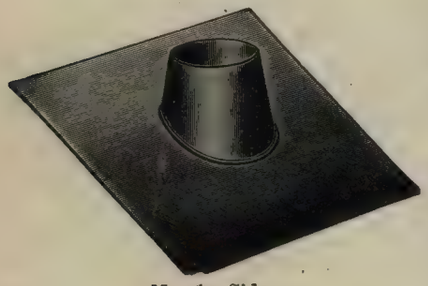
Set in Wall.

Cast Iron Frame and Door, 16 Gauge Steel Tube, with Flange Overlapping Top of Door, Preventing Rain from Running Down the Chute.

	Each
No. 1—18x18 in. Outside, Weight Each 75 Lbs.	$10.00
No. 2—18x24 in. Outside, Weight Each 95 Lbs.	13.00

The cover is held open by the hook on the door engaging with the hook on top of frame. The door opening up protects the siding. When not in use the chain is drawn tight and attached to the hook at bottom of tube which securely locks the door.

Roof Saddles.



No. 1—Side.

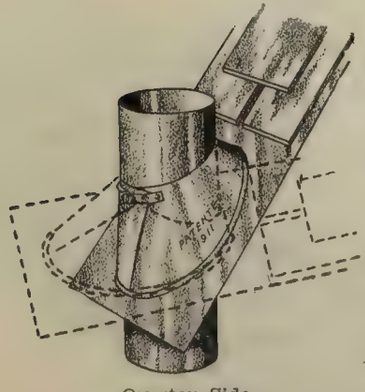
Star Side.	Each
No. 1—6 in., Black Sheet Steel, 18x18 in. Flange, Weight Each 1½ Lbs.	$4.00
No. 3—6 in., Galvanized Iron, 18x18 in. Flange, Weight Each 1½ Lbs.	5.40

Star Top.	Each
No. 2—6 in., Black Sheet Steel, 18x18 in. Flange, Weight Each 1½ Lbs.	$4.00
No. 4—6 in., Galvanized Iron, 18x18 in. Flange, Weight Each 1½ Lbs.	5.40

One Dozen in a Crate.

No. 4—Top.

Roof Joints.



Overton Side.

Overton, Side.

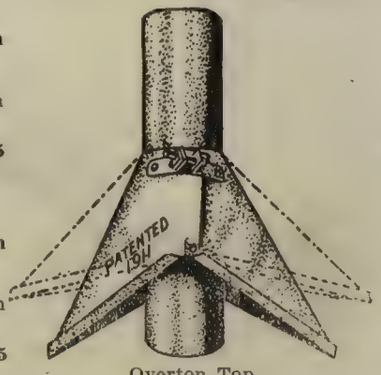
Adjustable, Made of 30 Gauge Galvanized Iron, with Iron Fastening Straps.

	Per Dozen
Overton Side—For 6 in. Pipe, 19¼x13 in., Height of Pipe 3½ in., Weight Per Dozen 18 Lbs.	$7.25

Overton, Top.

Adjustable, Made of 30 Gauge Galvanized Iron, with Iron Fastening Straps.

	Per Dozen
Overton, Top—For 6 in. Pipe, 17x14 in., Weight Per Dozen 18 Lbs.	$7.25

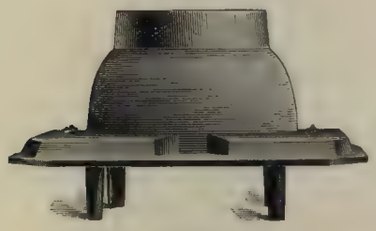


Overton Top.

In the application of the Overton Adjustable Roof Joints to any stove pipe, all that has to be done is to nail it to the roof, no matter what pitch, slip the stove pipe through and after the pipe is placed where it is wanted, tighten the bolt and the work is done. No figuring as to the pitch of the roof; no measuring to find whether or not the pipe is a little over or undersized, for it is adjustable to any pitch and within certain limits to size.

Chimney Caps.

THE BEST



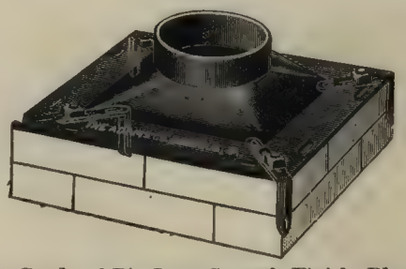
Cast Iron, Adjustable Legs.

	Per Dozen
No. 10—12x14 in. Flange, Takes 7 in. Pipe, for Chimneys with a 4x8 in. or 8x8 in. Flue, Weight Per Dozen 154 Lbs.	$15.60
No. 10½—12x16 in. Flange, Takes 8 in. Pipe, for Chimneys with a 4x8 in., 8x8 in., 4x12 in., or 8x12 in. Flue, Weight Per Dozen 164 Lbs.	19.50

The Legs of this Chimney Cap are adjustable so that each size will fit any chimney up to the largest size for which it is designed. They project inside the chimney to prevent the Cap from blowing off. It is not necessary to use mortar or cement to fasten this Cap to the Chimney as the legs will keep it in place. To put Cap on Chimney adjust the Legs to the size of the Flue and set it on.

One-half Dozen in a Crate.

ADAMS'



Made of Best Grade of Pig Iron, Smooth Finish, Black Japanned, Malleable Iron Clamps.

	Per Dozen
No. 7—12x15 in. Base, Takes 7 in. Pipe, Adjustable to Fit Chimneys with 4x8 in. and 8x8 in. Flue, Weight Per Dozen 146 Lbs.	$18.90
No. 8—12½x16½ in. Base, Takes 8 in. Pipe, Adjustable to Fit Chimneys with 4x8 in. and 8x8 in. Flue, 8x12 in. Flues, Weight Per Dozen 160 Lbs.	20.00

The Clips on the Adams Chimney Cap can be adjusted so they can be set on the Outside of Chimney or Inside of the Flue.

One-half Dozen in a Crate.

Chimney Caps or Ventilators.

MILWAUKEE

Galvanized.

Size, Inches	6	7
Width, Inches	12½	14½
Height, Inches	12	12½
Wt. Each Crt., Lbs.	8	10
Each	$2.80	3.00

Size, Inches	8	10
Width, Inches	15	18
Height, Inches	17	18
Wt. Each Crt. Lbs.	12	15
Each	$3.25	4.00

Inches	12	18	24
Width, Inches	21	30	39
Height, Inches	18	24	35½
Ap. Wt. Each Crated, Lbs.	18	30	55
Each	$4.90	9.50	16.70

NU-AIR

Galvanized.

Size, Inches	10	12
Width, Inches	19½	22
Height, Inches	14	16½
Wt. Each Crt., Lbs.	15	20
Each	$5.60	5.90

Size, Inches	18	24
Width, Inches	33	54
Height, Inches	22	38
Wt. Ea. Crt. Lbs.,	50	75
Each	$11.40	20.00

Cut Showing Parts we carry in Stock.

Chimney Cap or Ventilator Frame.

IWAN'S REVOLVING

No. 60. Cast Iron Frame and Spindle.

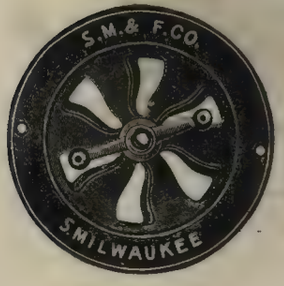
Japanned.

Inches	6	7	8	10
Weight Per Dozen, Lbs.	36	38	40	42
Per Dozen	$14.50	15.00	16.70	20.00

Patterns for Hood and Vane Furnished Free of Charge.
Open Stock.

Cut Showing Chimney Top Complete when made up. We Sell the Irons Only.

Flue Ventilators.



Cast Iron, Japanned.

With Cord Fixtures.

	Per Dozen
No. 6—6 in., Weight Per Dozen About 28 Lbs.	$6.35

Open Stock.

Chimney or Flue Doors.

Cast Iron, Japanned.

Nos.	8	10	12
Inches	8x8	8x10	10x12
Wt. Dz. Lbs.	108	132	168
Per Dozen	$9.60	10.60	15.00

Nos.	14	15
Inches	10x14	12x15
Wt. Doz., Lbs.	216	240
Per Dozen	$16.70	25.00

Open Stock.

Metal Polish.

PUTZ POMADE, UNIVERSAL

For Cleaning and Polishing All Kinds of Metal.
In Tin Boxes.

	Per Dozen
No. 1—1 Oz. Box, Weight Per Dozen 1 Lb.	$0.56
No. 3—3 Oz. Box, Weight Per Dozen 2½ Lbs.	1.12

In Tin Cans.

	Per Pound
No. 4—1 Lb. Can	$0.56
No. 5—5 Lb. Can	.56

No. 1, Two Dozen; No. 3, One Dozen in a Package; Nos. 4 and 5, in Bulk.

BURNISHINE

Liquid, Tin Cans, Screw Top.

Nos.	12	13	14
Capacity, Pints	¼	½	1
Weight Dozen, Lbs.	5	10	18
Dozen in Case	6	3	2
Per Dozen	$1.80	2.80	4.50

Nos.	15	16	17
Capacity, Pints	2	4	8
Weight Dozen, Lbs.	36	65	126
Dozen in Case	1	1	½
Per Dozen	$7.60	13.35	21.70

Aluminum Paint.

ANCHOR

Highest Grade, Extra Brilliant, for Radiators, Registers, Steam Pipes, Gas Ranges, Stoves, Etc.

Put up in Friction Top Can, Consisting of Bronze and Bronzing Liquid.

Nos.	20	21	22
Capacity, Pts.	¼	½	1
Weight Dozen, Lbs.	4½	7	14
Per Dozen	$2.80	4.50	7.80

One Dozen in a Carton.

Liquid Veneer.

For Woodwork, Pianos, Furniture, Carriages, Automobiles, Etc.

Size of Bottle, Oz.	4	12
Weight Per Dozen, Lbs.	8½	18
Per Dozen	$4.50	8.90

One Dozen in a Box.

Liquid Veneer Assortment.

	Each
Dandy Deal Assortment	$31.15

Consists of the Following:

	Retail Value
3 Dozen 4 Oz. (25c Size)	$ 9.00
2 Dozen 12 Oz. (50c Size)	12.00
½ Dozen 4 Oz. (25c Size)	1.50
Total,	$22.50

Window Display and Advertising Matter Furnished with this Dandy Deal Assortment.
Weight Per Assortment About 90 Lbs.
One Assortment in a Case.

SILVER CREAM

For Polishing Silver, Cut Glass, Marble, Porcelain, Enamel, Paint, Knives, Forks, Etc.

	Per Dozen
No. 20—8 Ounce Glass Bottles	$4.00

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

MINUTE

Liquid, Tin Cans, Screw Top.

Nos.	32	33	34
Capacity, Pints	¼	½	1
Weight Dozen, Lbs.	5	9	15
Dozen in Case	3	3	3
Per Dozen	$1.80	2.80	4.50

Nos.	35	36	37
Capacity, Pints	2	4	8
Weight Dozen, Lbs.	28	54	112
Dozen in Case	1	½	½
Per Dozen	$7.60	13.35	21.70

Gold Paint.

ANCHOR

Standard, Ready Mixed.
Put up in Bottles and Cans Consisting of Bronze and Liquid.

Nos.	25	26
Sizes	1 Oz. Bottle	⅛ Pt. Can
Weight Dozen, Lbs.	2½	3¼
Per Dozen	$1.45	2.50

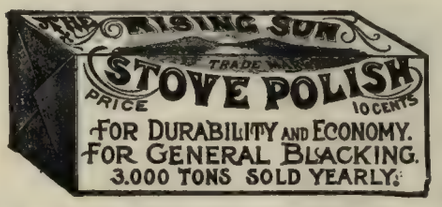
Nos.	27	28
Sizes	¼ Pt. Can	½ Pt. Can
Weight Dozen, Lbs.	4½	7
Per Dozen	$3.90	6.15

One Dozen in a Carton.

Stove Polish.

	Per Gross
No. 3—Dixon's, Large Cake, Dry Paste Form	$13.35

Average Weight Per Gross 75 Pounds.
One-half Gross in a Box.



	Per Gross
No. 4—Rising Sun, 4 in. Cakes, Dry Paste Form	$20.00

Weight Per Gross 75 Lbs.
One Dozen in a Package; One-half Gross in a Box.

Liquid Iron Enamel.

SELF-SHINING STOVE LUSTA

Liquid Java Gum.

Per Dozen

6-5-4—½ Pint Friction Top Cans, Weight Per Dozen About 8 Lbs. **$2.80**

To be applied with a brush. Intended particularly for gas cooking ranges, stove pipe and wire screen.

Three Dozen in a Box.

NUBIAN AND ENGLISH

With Brush. Per Dozen

No. 1—Nubian, ½ Pint Tin Cans, Weight Per Dozen About 9 Lbs. **$2.80**

No. 10—English, ½ Pint Tin Cans, Weight Per Dozen About 9 Lbs. **2.50**

A brilliant and lasting Enamel for ranges, stove pipes, etc.

Two Dozen in a Box.

BRIGHT SPOT

With Brush.

Per Dozen

No. 5—½ Pint Friction Top Tin Can, Weight Per Dozen About 8 Lbs. **$2.80**

A black Enamel for all metal surfaces.

One Dozen in a Box.

Liquid Iron Enamel.

BLACK SILK

With Brush. Per Dozen

No. 16—½ Pint Friction Top Cans, Weight Per Dozen About 8 Lbs. **$2.80**

An air drying Enamel unequaled for use on grates, fenders, registers, stove pipes, etc.

Three Dozen in a Case.

Stove Polish.

BLACK SILK

Liquid, in Screw Top Tin Cans.

Nos.	50	55	56
Size of Cans	6 Oz.	½ Pt.	1 Pt.
Ap. Wt. Case, Lbs.	20	25	45
Per Dozen	$1.70	2.25	4.50

Three Dozen in a Case.

E. Z.

Benzine Liquid.

Per Dozen

No. 80—½ Pint Tin Cans, Weight Per Case About 35 Lbs. **$1.70**

Three Dozen in a Box.

BLACKENE

Benzine Liquid.

Per Gross

No. 2—½ Pint Screw Top Tin Cans, Wt. Per Box About 35 Lbs. **$16.70**

One-quarter Gross in a Box.

Stove Polish.

DIAMOND JOE

Benzine Liquid.

Per Gross

No. 12—½ Pint Screw Top Tin Cans, Wt. Per Box About 35 Lbs. **$20.00**

One-quarter Gross in a Box.

ENAMELINE

Water Polish Liquid.

Per Gross

No. 10—½ Pint Screw Top Tin Cans, Wt. Per Box About 30 Lbs. **$16.70**

One-quarter Gross in a Case.

VULCANOL

A Cream, Ready for Use in Friction Top Air Tight Cans.

Per Gross

No. 5—5¢ Size, Weight Per Gross About 49 Lbs. **$12.25**

No. 10—10¢ Size, Weight Per Gross About 84 Lbs. **21.15**

One-quarter Gross in a Case.

E. Z.

Water Paste.

Per Dozen

No. 85—¾ Lb. Tin Can, Weight Per Box About 36 Lbs. **$1.70**

Three Dozen in a Case.

Benzine Paste. Per Pound

No. 75—5 Lb. Tin Cans, Wt. Per Box About 35 Lbs. ... **$0.22½**

One-half Dozen in a Box.

BLACKENE

Benzine Paste.

Per Pound

No. 18—5 Lb. Tin Cans, Weight Per Box About 35 Lbs. **$0.16**

One-half Dozen in a Box.

Stove Polish.

BLACK SILK.

No. 60.

No. 70.

Paste, in Friction Top Cans.

Nos.	60	65	66
Size Can	5 Oz.	½ Lb.	1 Lb.
Approx. Weight Case, Lbs.	16	20	40
Per Dozen	$1.70	2.25	4.50

Three Dozen in a Case.

Paste, in Friction Top Cans.

Per Pound

No. 70—In 5 Lb. Cans, Weight Per Case About 35 Lbs. . **$0.32**

Six Cans in a Case.

Black Lead.

Per Pound

Dixon's—Pure Black Lead, or Plumbago, for Polishing Stoves, in 10 Lb. Boxes **$0.16**

Plastic Cement.

FIX IT.

Per Dozen

No. 1—1 Lb. Tin Cans, Friction Top, Weight Per Box About 40 Lbs. . **$2.00**

For cementing Joints and Repairing Broken Parts of Stoves, Ranges, Heaters and Furnaces.

Three Dozen in a Box.

Stove Putty.

CROWN

Per Pound

No. 1—5 Lb. Tin Cans, Weight Per Dozen About 65 Lbs. **$0.10**

For cementing Joints in Stoves and Furnaces. It adheres firmly to the casting without shrinking or becoming porous.

One Dozen in a Box.

Stove Lining Cement.

CROWN

A Durable Fireproof Mixture for Making and Repairing Linings in Coal Stoves, Furnaces and Ranges, Put up in Attractive Pasteboard Boxes.

Nos.	3	6	10
Size of Box, Lbs.	3	6	10
Dozen in Case	2	2	1
Ap. Wt. Case, Lbs.	80	160	130
Per Dozen Boxes	$2.25	3.70	5.15

RUTLAND

Composition Clay Cement and Asbestos, Can be Used for Lining and Also to Mend Broken Parts, Put up in Pasteboard Boxes.

Nos.	13	16	20
Size of Box, Lbs.	3	6	10
Dozen in Case	2	1	1
Ap. Wt. Case, Lbs.	80	80	125
Per Dozen Boxes	$2.25	3.70	5.15

Furnace Cement.

CROWN

For Setting up and Repairing Broken Joints in Furnaces, Ranges, Heaters and Stoves, Prepared Ready for Use, Adheres Readily and Firmly to Castings and Tin and Sets in a Few Hours.

Per Pound

No. 10—In 5 Lb. Tin Cans **$0.09**

Weight Per Box About 65 Pounds.

One Dozen in a Box.

PECORA

For Mounting Furnaces, Heaters and Stoves and for Cementing Joints Exposed to Intense Heat.

Per Pound

No. 25—In 5 Lb. Tin Cans, Weight Per Box About 140 Lbs. **$0.09**

Two Dozen in a Box.

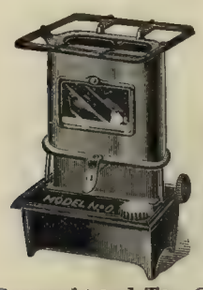
Per Pound

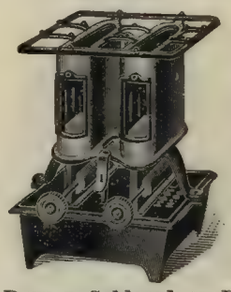
No. 50—In 25 Lb. Tin Cans **$0.09**

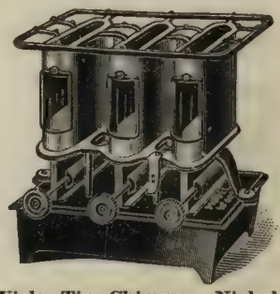
Open Stock.

Lamp Stoves.

MODEL







Cast Iron Reservoir and Top Grate, Japanned, Brass Burner, Soldered to Reservoir, 4 Inch Wick, Tin Chimney, Nickel Plated Mica Frame.

Per Dozen
No. 0—One Burner, 8½ in. High, 6 in. Wide, 3½ in. Deep, Wt. Per Dozen 48 Lbs. **$10.70**
One Dozen in a Crate.

Per Dozen
No. 00—Two Burner, 8½ in. High, 6 in. Wide, 6 in. Deep, Weight Per Dozen 82 Lbs. **$21.50**
One-half Dozen in a Crate.

Per Dozen
No. 000—Three Burner, 8½ in. High, 8½ in. Wide, 6 in. Deep, Weight Per Dozen 120 Lbs. . **$32.00**
One-quarter Dozen in a Crate.

DEFIANCE

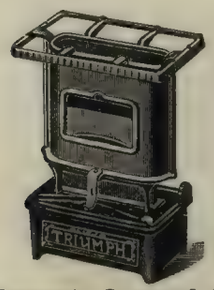
Cast Iron Reservoir and Top Grate, Japanned, Brass Burner, Soldered to Reservoir, 4 Inch Wick, Tin Chimney, Nickel Plated Mica Frame.

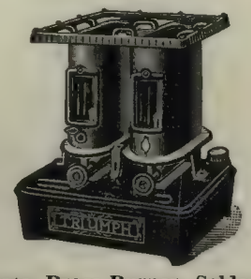
Per Dozen
No. 01—One Burner, 9 in. High, 6½ in. Wide, 4½ in. Deep, Weight Per Dozen 72 Lbs. . . **$13.35**
One-half Dozen in a Crate.

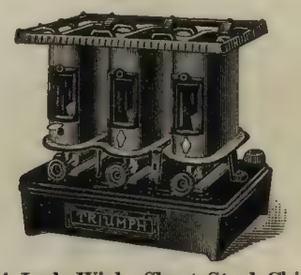
Per Dozen
No. 02—Two Burner, 9 in. High, 8 in. Wide, 6¼ in. Deep, Weight Per Dozen 116 Lbs. . . **$26.65**
One-half Dozen in a Case.

Per Dozen
No. 03—Three Burner, 10 in. High, 10 in. Wide, 7 in. Deep, Weight Per Dozen 180 Lbs. . **$40.00**
One-quarter Dozen in a Crate.

TRIUMPH







Cast Iron Reservoir, Japanned, Nickel Plated Top Grate, Brass Burner, Soldered to Reservoir, 4 Inch Wick, Sheet Steel Chimney, Nickel Plated Mica Frame.

Per Dozen
No. 100—One Burner, 9½ in. High, 6½ in. Wide, 4½ in. Deep, Weight Per Dozen 72 Lbs. . . **$15.40**
One-half Dozen in a Crate.

Per Dozen
No. 200—Two Burner, 9½ in. High, 8 in. Wide, 6 in. Deep, Weight Per Dozen 136 Lbs. **$30.70**
One-half Dozen in a Crate.

Per Dozen
No. 300—Three Burner, 10 in. High, 10 in. Wide, 6½ in. Deep, Weight Per Dozen 192 Lbs. **$46.00**
One-quarter Dozen in a Crate.

NESCO

No. 1.

Sheet Steel Body Seamless Reservoir, 3½ in. Wick, Handsomely Japanned in Colors.

Each
No. 1—Single, Two Burners, 11 in. High, 9¼ in. Diameter, Weight Each 5 Lbs. **$1.45**
No. 2—Double, Four Burners, 11 in. High, 20 in. Long, 9¼ in. Diam. Tank, Weight Each 10 Lbs. **2.90**
No. 1, ½ Dozen; No. 2, ¼ Dozen in a Crate.

No. 2.

Alcohol Stoves

POCKET

Brass Reservoir, with Folding Tripod.

Per Dozen

No. 5—2 in. Burner, Weight Per Dozen 3 Lbs. **$3.35**

No. 6—3 in. Burner, Weight Per Dozen 5 Lbs. **7.80**

One-twelfth Dozen in a Box.

GLOGAU

Brass Tank Legs and Rack. Nickel Plated.

Per Dozen

No. 15—1¾ in. Diameter Burner, 3¾ in. Diameter of Tank, 4½ in. Diameter of Rack, 4½ in. High Over All, Capacity of Tank 7 Oz., Weight Per Dozen 6 Lbs. **$9.50**

One-twelfth Dozen in a Box.

UNIVERSAL

Brass Alcohol Reservoir and Burner, Steel Legs and Rack, Tin Plated.

Per Dozen

No. 02—3¼ in. Diameter of Burner, 6 in. Diameter of Base, 6¾ in. Diameter of Rack, 4½ in. High Over All, Capacity 1 Pint, Weight Per Dozen 12 Lbs. **$12.25**

One-half Dozen in a Box.

UNIVERSAL

Brass Alcohol Reservoir and Burner, Nickel Plated, Japanese Sheet Steel Body, Substantially Built.

Each

No. 10—10¾ in. Diameter of Grate, 10¾ in. High Over All, Weight Each Boxed 11 Lbs. **$6.70**

Accommodates all regular cooking utensils. Its enclosed body protects the flame from currents of air and makes this stove especially desirable in camps and such places.

One in a Box.

Two Burner Brass Alcohol Reservoir and Burner, Nickel Plated, Japanned Sheet Steel Body, Large Tank, Capacity 2 Quarts.

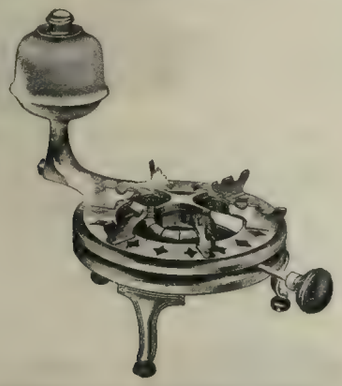
Each

No. 20—21½ in. long, 13¾ in. Wide, 13¼ in. High Over All, Weight Each Boxed 30 Lbs. **$13.35**

It accommodates large size (two burner) bake oven and all regular cooking utensils. It is especially desirable for summer cooking because it insures a cool kitchen, free from the stifling heat of the coal stove—free from foul odors and danger of kerosene or gasoline.

Its enclosed body prevents currents of air from affecting the flame and for this reason it is unequaled for camping outfits, summer cottages, yachts, etc.

One in a Box.



Brass Throughout, Heavily Nickel Plated, Large Tank.

Each

No. 600—8¼ in. Diameter of Grate, 10⅝ in. High Over All, Weight Each Packed 12 Lbs. **$10.85**

Artistic in design, superb in finish and solidly built for service—an ornament to any dining table or sideboard.

For after theater parties, luncheons, impromptu affairs, etc., this stove will be found invaluable.

As serviceable and easily operated as an ordinary gas range—odorless and absolutely safe. Its intensely hot flame insures thorough cooking wherever used.

One in a Box.

Made of Brass Throughout, Heavily Nickel Plated, Large Tank, Equipped with Chafing Dish, Ebonized Wood Handle and Knobs.

Each

No. 660—8¼ in. Diameter of Grate, 10⅝ in. High Over All, Weight Each Packed 16 Lbs. **$21.70**

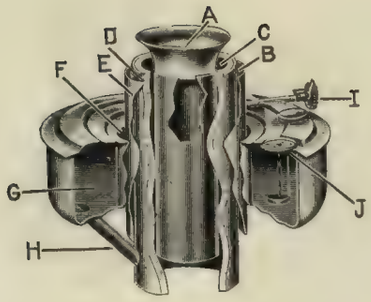
This is the "Universal" Alcohol Gas Stove equipped with a Chafing Dish. It insures the rapid and thorough cooking of a substantial meal, and is safe, efficient, and easily operated as an ordinary gas range.

To its usefulness is added artistic design; solid construction, and handsome finish. It will grace the most elegantly appointed Dining Table.

One in a Box.

Oil Heaters.

ELECTRIC



Construction of the Safety Burner Used in the Electric Heaters.

Absolutely safe. Explosions impossible. No perforations about the Flame Spreader to become clogged with oily substances.

A—Flame Spreader perfectly free from perforations.
B—Air Space outside of Wick Tube.
C—Air Space inside of Wick Tube.
D—Wick.
E—Outside Casing to Burner.
F—Air Space between Fount and Outer Casing.
G—Fount or Receptacle for Oil, entirely separate from burner.
H—Feed Pipe conducting oil from Fount to Burner.
I—Wick Control, Prevents turning Flame Too High.
J—Automatic Registering Indicator.

Polished Steel Body, Nickel Plated Trimmings.

Each

No. 1—Capacity of Fount 2 Quarts, Brass Burner, Removable Brass Fount, 8 in. Circular Wick, Portable Cover, Stamped Steel Flame Spreader, Automatic Registering Indicator, 7 in. Drum, Height (Bail Down) 27 in..**$5.60**

Weight Each Crated About 16½ Pounds.
Burns One Gallon in 16 to 20 Hours.
One in a Crate.

Polished Steel Body, Nickel Plated Trimmings.

Each

No. 2—Capacity of Fount 2 Quarts, Brass Burner, Removable Brass Fount, 10 in. Circular Wick, Portable Cover, Stamped Steel Flame Spreader, Automatic Registering Indicator, Height (Bail Down) 28 in.....**$7.60**

Weight Each Crated About 19 Ponuds.
Burns One Gallon in 12 to 16 Hours.

One in a Crate.

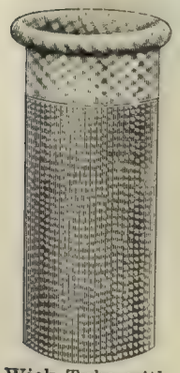
Polished Steel Body, Nickel Plated Trimmings.

Each

No. 3—Capacity of Fount 5 Quarts, Brass Burner, Removable Brass Fount, 15 in. Circular Wick, Portable Cover, Stamped Steel Flame Spreader, Automatic Registering Indicator, Height (Bail Down) 33 in.**$10.90**

Weight Each Crated About 27 Pounds.
Burns One Gallon in 9 to 12 Hours.

One in a Crate.



Wick Tube with Wick.

WICK TUBES FOR ELECTRIC OIL HEATERS

	Each
No. 10—Complete with Wick, for No. 1 Electric Oil Heater	**$0.35**
No. 20—Complete with Wick, for No. 2 Electric Oil Heater	**.45**
No. 30—Complete with Wick, for No. 3 Electric Oil Heater	**.55**

EXTRA WICKS FOR ELECTRIC OIL HEATERS

	Per Dozen
No. 115— 8 in., for No. 1 Electric Oil Heater	**$1.00**
No. 130—10 in., for No. 2 Electric Oil Heater	**1.35**
No. 145—15 in., for No. 3 Electric Oil Heater	**1.70**

Oil Heaters.

PERFECT NESCO

No. 12.

Equipped with Patented Lamp, Smokeless and Odorless.

Stamped Steel Base and Feet, Ventilator Top, Japanned Trimmings.

Each

No. 12—Capacity of Fount 3 Quarts, Brass Burner, Leaded Steel Fount, Automatic Registering Oil Indicator, Height (Bail Down) 21½ in., Weight Each, Crated, About 12 Lbs. **$3.90**

Polished Steel Body, Ventilator Top, Nickel Plated Top, Center Rim, Base Rim, Feet and Handle.

Each

No. 016—Capacity of Fount 4 Quarts, Brass Burner, Leaded Steel Fount, Automatic Registering Oil Indicator, Height (Bail Down) 24½ in., Weight Each, Crated, About 19 Lbs. **$6.00**

No. 1600—Same as No. 016, but with **Brass Fount**, Weight Each, Crated, About 19 Lbs. **7.15**

One in a Crate.

No. 016 and 1600.

Blue Enameled Steel Body and Brass Cylinders, Nickel Plated Ventilator Top, Rims, Feet and Handle.

Each

No. 0190—Capacity of Fount 4 Quarts, Brass Burner, Leaded Steel Fount, Automatic Registering Oil Indicator, Height (Bail Down) 24½ in., Weight Each, Crated, About 21 Lbs. **$7.90**

No. 1900—Same as No. 0190, but with **Brass Fount**, Weight Each, Crated, About 21 Lbs. **8.70**

Blue Enameled Steel Body and Base Cylinders, Nickel Plated Fancy Top and Urn, Rims, Feet and Handle.

Each

No. 0200—Capacity of Fount 4 Quarts, Brass Burner, Leaded Steel Fount, Automatic Registering Oil Indicator, Height (Bail Down) 30¼ in., Weight Each, Crated, 22 Lbs. **$8.70**

No. 2000—Same as No. 0200, but with **Brass Fount**, Weight Each, Crated, 22 Lbs. **9.50**

Nos. 0190 and 1900.

One in a Crate.

Nos. 0200 and 2000.

Nesco Perfect Wicks.

For Perfect Nesco Oil Heaters.

Nos.	**37**	**38**
For Fount, Capacity, Quarts	3	4
Per Dozen	**$3.70**	**4.00**

Burning edge trimmed and burned even ready for lighting. Bottom held in metal ring. Wick protected by inside cylinder. Makes rewicking easy.

One-twelfth Dozen in a Carton.

Radiators.

WISCONSIN

Heavy Sheet Steel, without Legs.

	Wood's Refined Smooth.		Planished.	
Nos.	**1**	**3**	**2**	**4**
Diameter, Inches	15½	17½	15½	17½
Height, Inches	28	30	28	30
For Pipe, Inches	6	7	6	7
Shipping Weight Each About, Lbs.	25	30	25	30
Each	**$5.60**	**7.80**	**7.80**	**11.15**

One in a Crate.

Per Set of 3

Extra Legs—For Nos. 1, 2, 3 and 4 Radiators **$0.56**

Weight Per Set About 3½ Pounds.

Air Tight Heaters.

Nos. 18 to 25.

For Wood.

Smooth Steel Body, Stamped Steel Top and Feet, Screw Draft, Nickel Plated Urn, without Lining.

Nos.	18	21	25
Body, Inches	18x13x13	20x15x16	24x17x22
Height Over All, Inches	27	30	34
Pipe Collar, Inches	5	6	6
Ap. Ship. Weight Each, Lbs.	17	20	24
Each	$1.80	2.80	3.35

One in a Crate.

Smooth Steel Body, Steel Bottom Doubled Seamed and Lined Throughout, Heavy Fancy Stamped Steel Legs, Fancy Stamped Top Lid, Nickel Plated Urn, Screw Draft Register.

Nos.	181	200	240	300
Body, Inches	18x15x14	20x17x20	24x17x22	30x17x24
Height Over All, In.	27	32	36	38
Pipe Collar, Inches	5	6	6	6
Ap. Shipping Weight Each, Lbs.	20	29	31	39
Each	$2.15	3.70	4.00	5.40

One in a Crate.

Nos. 181 to 300.

HOT BLAST

For Wood.

Oval Smooth Steel Body, Steel Bottom Double Seamed on Steel Lining Extending the Entire Height of Stove, Cast Iron Feet, Stamped Hinge Top Cover, Nickel Plated Urn, Screw Drafts.

Nos.	20	24	30
Body, Inches	20x17x20	24x17x22	30x17x24
Height Over All, Inches	33	37	39
Pipe Collar, Inches	6	6	6
Ap. Shipping Wt. Each, Lbs.	40	43	48
Each	$4.15	4.70	6.15

One in a Crate.

Nos. 20 to 30.

Oval Smooth Steel Body, Nickel Plated Foot Rails, Steel Bottom Double Seamed on, Steel Lining Extending the Entire Height of Stove, Cast Iron Feet, Stamped Hinged Top Cover, Nickel Plated Urn, Screw Drafts.

Nos.	205	245	305
Body. Inches	20x17x20	24x17x22	30x17x24
Height Over All, Inches	33	37	39
Pipe Collar, Inches	6	6	6
Ap. Shipping Wt. Each, Lbs.	45	48	53
Each	$5.60	6.35	7.90

One in a Crate.

Nos. 205 to 305.

Smooth Steel Body, Cast Iron Bottom Resting on Handsomely Carved Leg Base, Carved Cast Iron Top, Nickel Plated Top Ring, Cast Iron Swing Cover, Nickel Plated Urn, Nickel Plated Screw Draft, Nickel Plated Foot Rails, Hot Blast and Draft Register, Air Circulating Flue All Around Body.

Nos.	26	32
Body, Inches	27x20	33x21
Extreme Height, Inches	45	45
Top Opening, Inches	10½	10½
Ap. Shipping Weight Each, Lbs.	122	157
Each	$15.00	17.60

One in a Crate.

Nos. 26 and 32.

Economy, Smooth Steel Body, Heavy Oval Cast Iron, One Piece Fire Pot and Bottom, Resting on Substantial Carved Leg Base, Finely Modeled Cast Iron Front Feed Door, with Nickel Plated Name Plate and Carved Medallion Cast Iron Swing Door, Nickel Plated Draft Register and Turnkey, Nickel Plated Foot Rails, Cast Iron Top, Swing Cover, Nickel Plated Urn.

Nos.	126	132
Length of Body, Inches	25	29
Height Over All, Inches	44	46
Feed Opening, Inches	8½x10½	10x11½
Ap. Shipping Weight Each, Lbs.	112	138
Each	$17.10	20.00

One in a Crate.

Nos. 126 and 132.

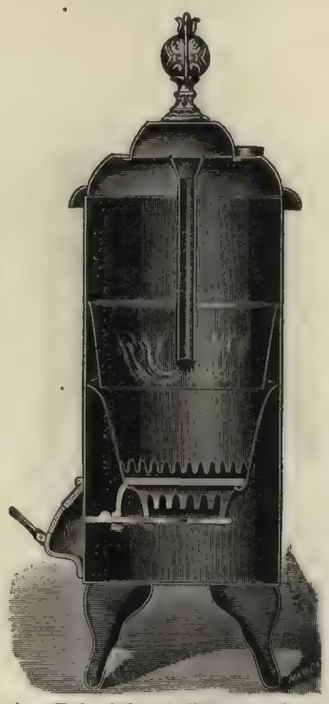
Hot Blast Heaters.

ATLAS

For Hard or Soft Coal.

The smoke consuming hot blast enters through the top of the Stove and passes down the hot pipe, discharging in a highly heated state into the very center of the smoke and gases, consuming them and making them of benefit as fuel. The tube swings out of the way when feeding fuel. The hot blast is regulated by a slide at the top of the tube.

Smooth Steel Body, Heavy Steel Bottom Double Seamed on, Top Central Hot Blast Tube, Top Feed and Check Draft in Smoke Collar, Shaking Draw Center Grate, Nickel Plated Circular Foot Rail, Top Ring and Urn.



Showing Principle of Construction.

Nos.	414	416	418	421
Diameter Body, Inches	12	14	16	19
Height Over All, Inches	45	48	50	53
Approximate Shipping Each, Lbs	93	105	133	153
Each	$12.90	14.70	16.90	19.70

One in a Crate.

NEW CENTURY

For Hard or Soft Coal, but Especially Adapted to Meet the Demand for a Heater Burning Soft Coal with the Least Possible Amount of Smoke.

(See Sectional Cut.)

The sectional cut herewith illustrates the principles of operation and construction. The smoke-consuming hot blast enters at two places: first, through front of the Stove below feed door, from whence it passes between highly heated surfaces and is discharged through small jets all around and above the body of the fire; and a second hot blast enters through the top of the Stove, passes down the hot tube and is discharged just above the fire in the very center of the products of combustion. Both blasts, being in a highly heated state, consume all the gases and carbon in the smoke by reason of the increase of oxygen at a high temperature.

Smooth Steel Body, Cast Bottom and Top, Top and FrontFeed, Top and Side Smoke Consuming Hot Blasts, Shaking Draw Center Grate, Large Ashpit and Pan, Check Draft inSmoke Collar, Nickel Plated Foot Rails, Screw Draft, Swing Top Draft Door, Brass Plated Urn.

Nos.	145	165	185	215
Diameter, Inches	12	14	16	19
Extreme Height, Inches	48	51	54	56
Approximate Shipping Weight Each, Lbs	140	150	165	190
Each	$15.60	17.80	21.15	25.60

One in a Crate.

Oak Heaters.

LIVE OAK

For Hard or Soft Coal or Wood.

Heavy Smooth Steel Body, Large Front Feed Door, Shaking Draw Center Grate, Extra Large Fire Pot, Large Ash Pit, Screw Draft, Nickel Plated Foot Rails, Top Ring, Swing Cover and Urn.

Nos.	130	150	170
Diameter, Inches	11½	13½	15½
Height Over All, Inches	47	51	55
Ap. Shipping Wt. Each, Lbs.	73	100	121
Each	$11.80	14.70	17.80

Nos.	190	210
Diameter, Inches	17½	19½
Height Over All, Inches	59	63
Ap. Shipping Wt. Each, Lbs.	174	192
Each	$24.50	27.25

One in a Crate.

Nos. 130 to 210.

Nos. 813 to 819.

COLONIAL OAK

For Hard or Soft Coal or Wood.

Smooth Finish, Steel Body, Front Feed Door, Shaking Draw Center Grate, Extra Large Fire Pot, Large Ash Pit, Screw Draft, Nickel Plated Foot Rails, Top Ring, Swing Cover and Urn.

Nos.	813	815	817	819
Diameter, Inches	11½	13½	15½	17½
Height Over All, Inches	47	51	55	59
Approximate Shipping Weight Each, Lbs.	73	100	121	174
Each	$13.35	16.70	20.00	26.65

One in a Crate.

Laundry Stoves.

HERO

For Coal or Wood.

Cast Iron Body and Legs, Substantial Construction, Shaking Grate with Sliding Draw Center, Extra Large Top Surface, Four Good Size Cooking Holes and 6 inch Pipe Collar.

Each

No. 48—22x25 in. Top, 22½ in. Extreme Height, 20 in. Space in Front of Collar, Four 8 in. Holes.....$10.00

Weight Each About 95 Pounds.

One in a Crate.

Cast Iron Body and Legs, Shaking Grate with Sliding Draw Center. Will Accommodate a No. 9 Wash Boiler on Top, Front Feed Door Allowing Fire to be Replenished without Removing the Boiler. Two Cooking Holes and 6 in. Pipe Collar.

Each

No. 80—19½x16 in. Top, 22 in. Extreme Height, 11 in. Space in Front of Collar, Two 8 in. Holes.....$6.90

Weight Each About 58 Pounds.

One in a Crate.

No. 48.

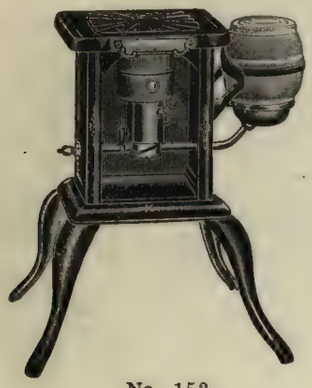
No. 80.

Wick Blue Flame Cook Stoves.

For Kerosene Oil.

BON AMI

Seamless Brass Burner, Blue Enameled Steel Burner Drum, Heavy Steel Body and Legs, Black Japanned and Decorated, Removable Heavy Glass Oil Tank, Automatic Oil Feed.

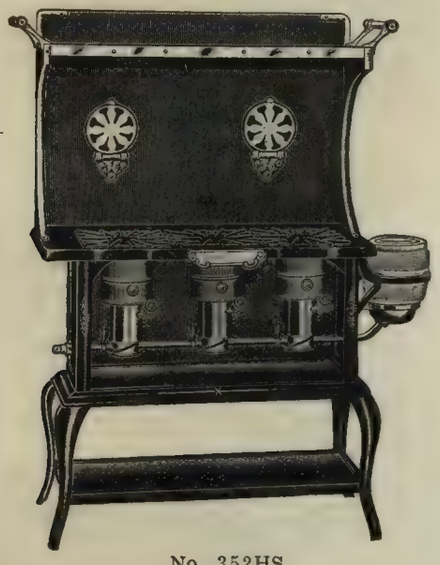


No. 152.

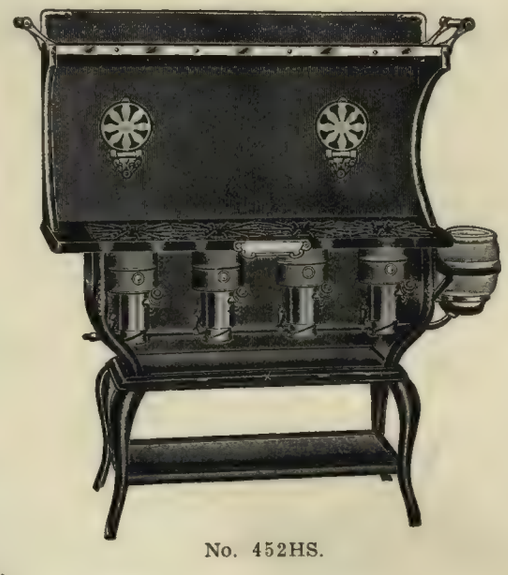
No. 352.

Nos.	152	252	352	452
Burners	1	2	3	4
Extreme Height, Inches	29	29	29	29
Size of Top, Inches	14x14	25½x16	35½x16	41x16
Approximate Shipping Weight Each, Crated, Lbs.	46	57	73	83
Each	$8.35	12.50	16.70	22.25

One in a Crate.



No. 352HS.



No. 452HS.

With High Shelf.

Nos.	252HS	352HS	452HS
Burners	2	3	4
Extreme Height, Inches	52	52	52
Cooking Height, Inches	29	29	29
Size of Top, Inches	25¾x16	35½x16	41x16
Approximate Shipping Weight Each, Crated, Lbs.	82	103	118
Each	$18.90	23.65	30.00

One in a Crate.

Extra Wicks for Bon Ami Oil Cook Stoves.

Per Dozen

No. 1914—Fits Nos. 152, 252, 352, 452, 252HS, 352HS, 452HS and 400 Wick Blue Flame Oil Stoves... $3.35

Open Stock.

Wick Blue Flame Oil Stoves.

No. 400.

FOR KEROSENE OIL

BON AMI

Steel Body, Black Japanned, Cast Iron Legs, Seamless Brass Burners, Blue Enameled Steel Burner Drums, Removable Heavy Glass Oil Tank, Automatic Oil Feed, Portable Glass Door Oven and Corrugated Tin Linings, Full Asbestos Lining, Two Heavy Wire Racks, Mica Peep Hole. The Oven can be set below the Stove whenever the entire top is desired for cooking.

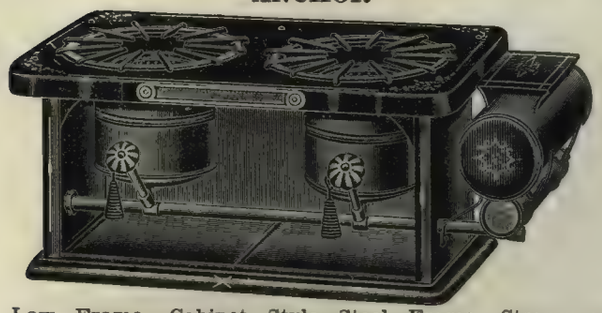
No.	400
Burners	4
Extreme Height, Inches	51
Cooking Height, Inches	31
Size of Top, Inches	42x16
Dimensions of Oven, Inches	20¼x15¼x16¾
Approximate Shipping Weight Each, Lbs.	135
Each	$42.25

One in a Crate.

Wickless Blue Flame Cook Stoves.

FOR KEROSENE OIL

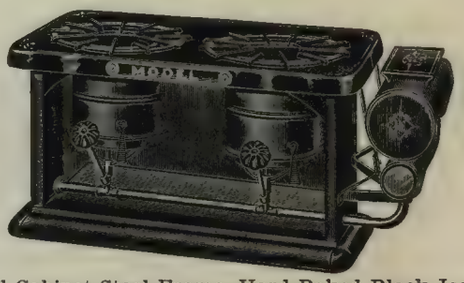
ANCHOR



Low Frame, Cabinet Style Steel Frame, Strong and Rigid, Baked Black Japan Finish, Nicely Decorated, Removable Safety Oil Tank, Automatic Oil Feed.

Nos.	32	33
Burners	2	3
Height, Inches	10	10
Size of Top, Inches	22x14½	33x14½
Approx. Wt. Crated, Each, Lbs.	25	31
Each	$5.80	8.45

MODEL



Full Cabinet Steel Frame, Hard Baked Black Japan Finish, Highly Ornamented, Brass Burner Base with Special Heat Shield and Air Diffuser, Removable Safety Oil Tank, Automatic Oil Feed.

Nos.	52	53
Burners	2	3
Height, Inches	14	14
Size of Top, Inches	22x15	33x15
Approx. Wt. Crated, Each, Lbs.	41	53
Each	$7.60	10.70

One in a Crate.

No. 522.

MODEL

Full Cabinet Steel Frame, Hard Baked Black Japan Finish, Highly Ornamented, Brass Burner Base with Special Heat Shield and Air Diffusers, Removable Safety Oil Tank, Automatic Oil Feed.

Nos.	522	523
Burners	2	3
Height, Inches	24	24
Size of Top, Inches	22x15	33x15
Approximate Weight Crated, Each, Lbs.	48	57
Each	$9.25	11.80

One in a Crate.

Asbestos Wicks.

	Per Dozen
No. 25—Extra Asbestos Wicks, for Above Wickless Blue Flame Cook Stoves	$0.70

Junior Gasoline Stoves.

No. 28.

STAR

Full Cabinet Steel Frame, Strong and Rigid Construction, Black Japanned, Stationary Black Japanned Tank, Iron Head Burners, with Brass Angle Parts, Steel Legs.

Nos.	180	280	380
Number of Burners	1	2	3
Height, Inches	8	8	8
Size of Top, Inches	11½x14½	22x14½	33x14½
Approx. Shipping Weight Each, Lbs.	15	20	27
Each	$3.70	4 25	6.70
Nos.	**18**	**28**	**38**
Number of Burners	1	2	3
Height, Inches	12	12	12
Size of Top, Inches	11½x14½	22x14½	33x14½
Approx. Shipping Weight Each, Lbs.	17	22	29
Each	$3.80	4.35	6.80

One in a Crate.

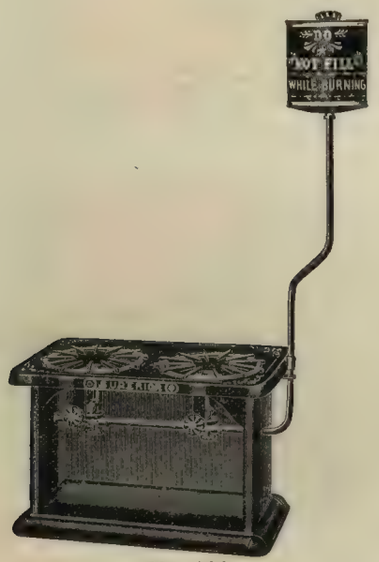
BOSS

Full Cabinet Steel Frame, Strong and Rigid, Black Japanned, Artistically Decorated, Stationary Tank, Top and Bottom Double Seamed and Soldered to Body, Iron Head Burners with Brass Angle Parts.

Nos.	100	200	300
Number of Burners	1	2	3
Height, Inches	8	8	8
Size of Top, Inches	11½x15	22x15	33x15
Approx. Shipping Weight Each, Lbs.	16	21	27
Each	$3.70	4.15	6.70
Nos.	**10**	**20**	**30**
Number of Burners	1	2	3
Height, Inches	14	14	14
Size of Top, Inches	11½x15	22x15	33x15
Approx. Shipping Weight Each, Lbs.	18	25	31
Each	$3.80	4.35	6.90

One in a Crate.

No. 200.



No. 120.

SUPERIOR

Full Cabinet Steel Frame, Hard Baked Black Japanned, Handsomely Decorated, Stationary Tank, Top and Bottom Double Seamed and Soldered to Body, Brass Burners.

Nos.	120	130
Number of Burners	2	3
Height, Inches	8	8
Size of Top, Inches	22x15	33x15
Approximate Shipping Weight Each, Lbs.	21	27
Each	$5.25	8.00
Nos.	**12**	**13**
Number of Burners	2	3
Height, Inches	14	14
Size of Top, Inches	22x15	33x15
Approximate Shipping Weight Each, Lbs.	25	31
Each	$5.40	8.25

One in a Crate.

Portable Ovens.

FOR OIL, GASOLINE AND GAS STOVES

BOSS

Polished Steel Body, Full Lined with Best Quality Bright Tin and Heavy Asbestos, Fitted with Improved Hinges and Locking Device, Making Door Air-Tight, Cold Wire Handles.

No. 700.

With Glass Swing Door.

Each

No. 700—18 in. High, 13 in. Wide, 12½ in. Deep, with 8x10 in. Glass in Door, for Use Over One Burner Only, Weight Each About 17 Lbs. **$3.90**

No. 750.

With Glass Drop Door.

Each

No. 750—18 in. High, 20¾ in. Wide, 12½ in. Deep, with 8¾x14¾ in. Glass Door, for Use Over One or Two Burners, Weight Each About 24 Lbs. **$4.50**

One in a Crate.

No. 550.

With Glass in Drop Door.

Each

No. 550—18 in. High, 20¾ in. Wide, 12½ in. Deep, with 4⅞x4⅞ in. Glass in Door, for Use Over One or Two Burners, Weight Each About 23 Lbs. **$4.15**

No. 760.

With Glass Drop Door and Heat Recorder or Thermometer.

Each

No. 760—18 in. High, 20¾ in Wide, 12½ in. Deep, with 5⅝x14¾ in. Glass in Door, for Use Over One or Two Burners, Weight Each About 25 Lbs. **$5.80**

No. 0200.

With Glass Swing Door and Heat Recorder or Thermometer.

Each

No. 710—18 in. High, 13 in. Wide, 12½ in. Deep, with 5½x8 in. Glass in Door, for Use Over One Burner, Weight Each About 18 Lbs. **$5.25**

With Regular Steel Swing Door.

Each

No. 0200—18 in. High, 13 in. Wide, 12½ in. Deep, for Use Over One Burner, Weight Each About 17 Lbs. **$3.00**

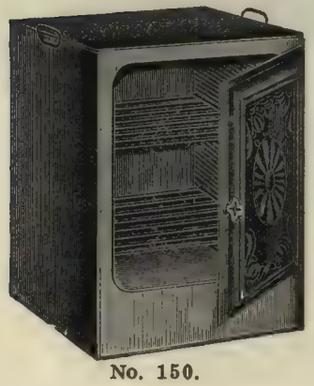
With Regular Steel Drop Door.

Each

No. 055—18 in. High, 20¾ in. Wide, 12½ in. Deep, for Use Over One or Two Burners, Weight Each About 22 Lbs. **$3.60**

One in a Crate.

No. 055.



No. 150.

L. & H.

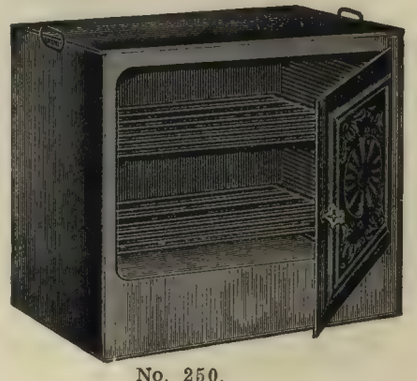
For Blue Flame Oil and Gasoline Stoves, Smooth Blued Steel Body, Bright Corrugated Lining in Two Ends Only, Heavy Wire Racks, Plain Wire Handles, Plain Side and Top, Lined Swing Door, One Piece Front Frame.

Each

No. 150—18 in. High, 14 in. Wide, 13 in. Deep, Round Hole in Bottom, Weight Each Crated About 17 Lbs. . . **$2.25**

No. 250—18 in. High, 20 in. Wide, 18 in. Deep, Oval Hole in Bottom, Weight Each Crated About 19 Lbs. **2.60**

One in a Crate.



No. 250.

Portable Ovens.

FOR BLUE FLAME OIL AND GASOLINE STOVES

Polished Dark Steel Body, Plain Sides and Top, Stamped Drop Door, Heavy Wire Racks, Wire Handles.

Each

No. 135—12x12x11 in., Round Hole in Bottom, Weight Each Crated About 8½ Lbs. **$1.70**

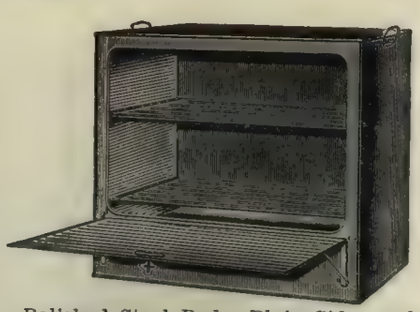
One in a Crate.

Polished Steel Body, Plain Sides and Top, One Piece Front Frame, with Stamped Tin Lined Hinged Drop Door, Sides Lined with Tin, Two Heavy Wire Racks, Wire Handles.

Each

No. 151—18x14x13 in., Round Hole in Bottom, Weight Each Crated About 17 Lbs..... **$2.25**

One in a Crate.



Polished Steel Body, Plain Sides and Top, One Piece Front Frame, with Stamped Tin Lined Hinged Drop Door, Sides Lined with Tin, Two Heavy Wire Racks, Wire Handles.

Each

No. 251—18x20x13 in., Oval Hole in Bottom, Weight Each Crated About 19 Lbs.. **$2 60**

One in a Crate.

Polished Steel Body, Fancy Japanned Steel Top, Full Corrugated Tin Lining, Double Wall, Perfect Ventilation, Asbestos Lined. Mica Peep Hole, Alaska Cold Handles.

No. 35.

Each

No. 35—Set Up, 18½x14½x13¾ in., Drop Door with Outside Wire Braces, Round Hole in Bottom, Weight Each Crated About 18 Lbs..... **$2.70**

No. 355—Knocked Down, 18x14½x13¾ in. Drop Door with Outside Wire Braces, Round Holes in Bottom, Weight Each Crated About 20 Lbs..... **2.70**

No. 65—Set Up, 18½x21x13¾ in. Drop Door with Outside Wire Braces, Oval Hole in Bottom, Weight Each Crated About 23 Lbs..... **3.35**

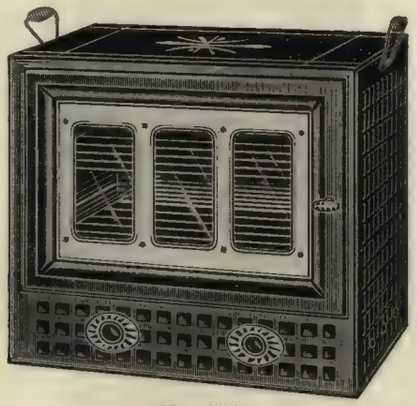
No. 655—Knocked Down, 18½x21x13¾ in. Drop Door with Outside Wire Braces, Oval Hole in Bottom, Weight Each Crated About 25 Lbs..... **3.35**

One in a Crate.

No. 655.

No. 354.

No. 654.



No. 656.

Glass Door, Polished Steel Body, Black Enameled Gilt Striped Top, Corrugated Tin Linings, Double Wall, Perfect Ventilation, Asbestos Lined, Mica Peep Hole, Alaska Cold Handle.

Each

No. 354—Set Up, 18½x14½x13¾ in., Drop Door with Outside Wire Braces, Round Hole in Bottom, Weight Each Crated About 20 Lbs..... **$3.50**

No. 654—Set Up, 18½x21x13¾ in., Drop Door with Outside Wire Braces, Oval Hole in Bottom, Weight Each Crated About 25 Lbs..... **4.15**

One in a Crate.

Glass Swinging Door with 3 Glass Panels, Blue Japanned Frame, Polished Steel Body, Japanned and Decorated Top, Corrugated Tin Lining, Perfect Ventilation, Two Mica Peep Holes, Wire Racks, Alaska Cold Handles.

Each

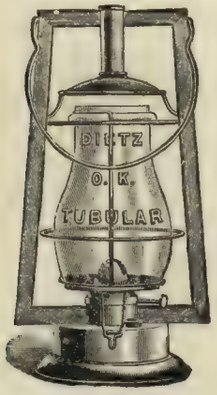
No. 356—Set Up, 18½x14½x13¾ in., Round Hole in Bottom, Weight Each Crated About 20 Lbs.. **$3.70**

No. 656—Set Up, 18½x21x13¾ in., Oval Hole in Bottom, Weight Each Crated About 25 Lbs..... **4.50**

One in a Crate.

Tubular Lanterns.

O. K.



Square Tubular.

Per Dozen

No. 29—13 in. High Over All, Hinge Attachment with Guard, No. 1 Tinned Steel Burner, Dietz "Fitall" Globe, ⅝ in. Wick, Tin Fount, Capacity 19 Hours..**$10.00**

Weight Per Dozen About 35 Pounds.

MONARCH

Round Tubular.

Per Dozen

No. 27½—13⅝ in. High Over All, Side Lift, with Guard, No. 1 Patented Tinned Steel Safety Wing Lock Burner, Dietz "Fitall" Globe, ⅝ in. Wick, Dome Shaped Solderless Tin Fount, Capacity 18 Hours **$8.90**

Weight Per Dozen About 36 Pounds.

One-half or One Dozen in a Box.

ROYAL

Round Tubular.

Per Dozen

No. 1B—13½ in. High Over All, Side Lift, with Guard, No. 2 Patented Tinned Steel Burner, Dietz "Fitall" Globe, 1 in. Wick, Solderless Tin Fount, Capacity 20 Hours **$11.70**

Weight Per Dozen About 37 Pounds.

JUNIOR COLD BLAST

Round Tubular.

Per Dozen

Junior Tin—11¾ in. High Over All, Side Lift, with Guard, No. 1 Junior Patent Tinned Steel Safety Wing Lock Burner, Dietz "Junior" Globe, ⅝ in. Wick, Dome Shaped Solderless Tin Fount, Capacity 13 Hours.....**$11.70**

Weight Per Dozen About 30 Pounds.

Junior Brass—Brass Frame, Otherwise Same Description as Junior Tin..... **21.15**

Junior Brass, Nickel Plated—Brass Frame, Otherwise Same Description as Junior Tin..... **28.90**

Weight Per Dozen About 38 Pounds.

One Dozen in a Box.

WIZARD COLD BLAST

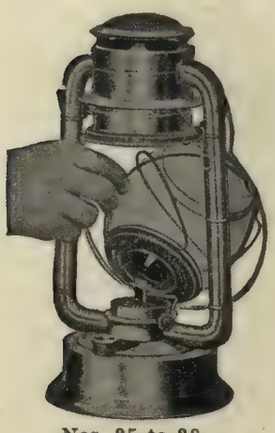
Round Tubular.

Per Dozen

No. 31—11½ in. High Over All, Side Lift, with Guard, No. 1 Patent Wing Lock Pattern Steel Burner; 3¾ in. High Short Globe, ⅝ in. Wick, Rising Cone, Double Seamed Solderless Fount, Capacity 18 Hours.....**$16.10**

Weight Per Dozen About 45 Pounds.

One-half or One Dozen in a Box.



Nos. 25 to 28.

D-LITE COLD BLAST

Round Tubular. Per Dozen

No. 25—13 in. High Over All, Hinge Attachment with Guard, No. 2 Coneless Tinned Steel Burner, "D-lite" Globe, 1 in. Wick, Tin Fount, Capacity 24 Hours.....**$18.35**

No. 26—Same Description as No. 25, but with Brass Fount, Tin Dome **24.50**

No. 28—Same Description as No. 25, with Brass Fount and Brass Dome **28.90**

Weight Per Dozen About 48 Pounds.

BLIZZARD COLD BLAST

Round Tubular. Per Dozen

No. 32—15 in. High Over All, Side Lift, with Guard, No. 2 Coneless Tinned Steel Burner, Dietz "Blizzard" Globe, 1 in. Wick, Tin Dome, Shaped Solderless Fount, Large Oil Filler, Capacity 18 Hours, Weight Per Dozen About 52 Lbs.....**$14.50**

No. 41—Polished Brass Fount, Otherwise Same Description as No. 32, Weight Per Dozen About 52 Lbs..... **21.10**

No. 42—Large Tin Fount, Capacity 40 Hours, Otherwise Same as No. 32, Weight Per Dozen About 60 Lbs.. **16.70**

Nos. 32 to 42.

Lanterns.

CADET

Brass. Per Dozen

No. 50—6¾ in. High, Cadet Globe, No. 0 Convex Burner, ⅜ in. Wick.....**$4.50**

Simple in construction, easily taken apart, lighted and regulated from the outside.

Weight Per Box About 65 Pounds.
Six Dozen in a Box.

BUCKEYE

Square Tubular.
Per Dozen

No. 18—13½ in. High Over All, Side Lift, Black Enameled, Corrugated Tin Reflector, 2¼ in. Bull's-Eye Lens, Dash Attachment and Hand Bail, Dietz "Fitall" Globe, No. 1 Tinned Steel Burner, ⅝ in. Wick, Tin Fount, Capacity 19 Hours.....**$13.70**

Weight Per Dozen About 52 Pounds.

Lanterns.

JUSTRITE ACETYLENE

Automatic Generator. Each

No. 10—9¼ in. High Over All, 4¼ in. Wide at Base, Heavy Brass Construction, Nickel Plated, Wire Handle, Wire Guards Enclosing the Glass Globe, Bull's-Eye Lens, Burner, Gas Feed and Carbide Container, German Silver Reflector, Burns 5 to 6 Hours with 3 Oz. of Carbide.....**$5.80**

Weight Each About 2¼ Pounds.

STAR, RAILROAD

Double Wire. Per Dozen

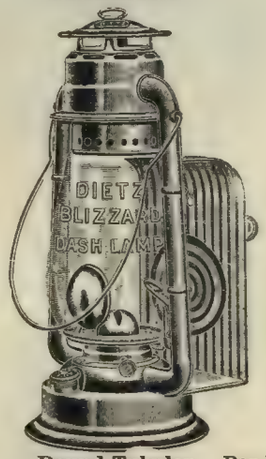
No. 39—10¼ in. High Over All, Hinge Top, Wire Guard, Automatic Catch, Spring Globe Holder, No. 39 Globe, Lard Oil Burner, Outside Wick Raiser, One Piece Tin Fount **$17.25**

The Dome of this Lantern is drawn out of one piece heavy tin, thereby obviating the melting and warping of the top.

Weight Per Dozen About 43 Pounds.
One Dozen in a Box.

Dash Lanterns.

BLIZZARD



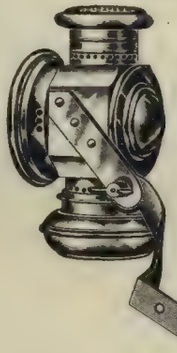
Round Tubular. Per Dozen

No. 22—14¾ in. High Over All, Side Lift, Black Enameled, Corrugated Tin Reflector, 2¼ in. Bull's-Eye Lens, Dash Attachment and Hand Bail, Dietz Blizzard Globe, No. 2 Coneless Tinned Steel Burner, 1 in. Wick, Solderless Tin Fount, Capacity 20 Hours **$22.75**

Weight Per Dozen About 80 Pounds.
One-half Dozen in a Box.

Driving Lamps.

COLUMBIA



For Oil.
Each

No. 200—8¾ in. High Over All, Gun Metal Finish, Highly Polished, Heavy Bent Lens, Red Rear Signal, with Bracket to Fasten to Left Side of Wagon or Buggy **$3.00**

Weight Each About 1¼ Pounds.

VESTA, RAILROAD

For Kerosene.
Cold Blast, Round Tubular.
Per Dozen

No. 40—11 in. High Over All, Hinge Top, Wire Guard, Automatic Bayonet Catch, Dietz "Vesta" Globe, No. 0 Burner, ⅜ in. Wick, Tin Fount, Capacity 16 Hours..**$26 65**

Weight Per Dozen About 48 Pounds.
One Dozen in a Box.

BEACON REFLECTOR

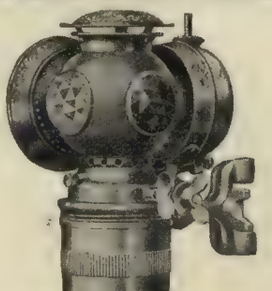
Square Tubular.
Per Dozen

No. 0—14¼ in. High Over All, Top Lift, Bright Tin Hood, 5 in. Spun Metal Polished and Plated Reflector, Dash Attachment and Hand Bail, Dietz "Fitall" Globe, No. 1 Tinned Steel Burner, ⅝ in. Wick, Solderless Tin Fount, Capacity 20 Hours.....**$31.10**

Weight Per Dozen About 64 Pounds.

Driving Lamps.

SOLAR ACETYLENE



Water Tank on Side.
Each

No. 3D—6¾ in. High Over All, Nickel Plated Brass with Bracket, 1½ in. Ruby Jewel Side Light, Removable Aluminum Reflector, 2⅝ in. Double Convex Front Lens..**$5.80**

Weight Each About 2½ Pounds.

Driving Lamps.

NEVEROUT

For Oil.

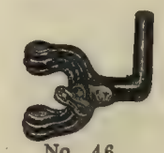
Nos. 44 to 60.

9¼ in. High Over All, 4½ in. Long, 4½ in. Wide, 4⅜ in. Diameter Face, Heavy Gauge Best Drawn Brass, German Silver Glass Covered Reflector, Large Oil Reservoir.

	Each
No. 44—Polished Brass, with No. 46 Bracket	$5.35
No. 50—Brass, Gun Metal Finish, with No. 46 Bracket	5.60
No. 45—Polished Brass, with No. 53 Bracket	5.35
No. 53—Brass, Gun Metal Finish, with No. 53 Bracket	5.60
No. 60—Brass, Nickel Plated, with No. 46 Bracket	5.60

Weight Each About 3 Pounds.

	Per Dozen
No. 46—Dash Bracket Only, Has a Universal Clamp which Can be Attached to Practically Any Projection on a Carriage or Wagon	$4.50
No. 53—Panel Bracket Only, Used Principally on Wagons where it is Attached by Screws to the Side	3.00
No. 47—Rail Bracket Only, Fastens to the Horizontal Bow or Rail on Side of Top	5.60
No. 49—Lens Only, for Nos. 44, 50, 45, 53 and 60 Neverout Lamps	5.35



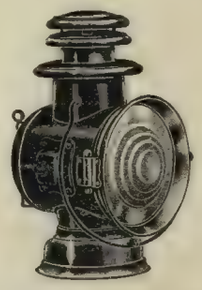
No. 46.

No. 53.

No. 47.

UNION

Cut Shows Dash Clamp Holder.



With 5⅛ in. Plain Lens.

	Per Dozen
No. 35—11¼ in. High Over All, Cold Rolled Steel Body, Black Enameled with Brass Door Rim, Right and Left Hand Sockets, Heavy Gauge Removable Aluminum Reflector, Nickel Plated Brass Burner, ⅜ in. Wick, 2¼ in. Ruby Rear Lens, with Bail and Dash Clamp Holder, Capacity 10 Hours	$61.15

Weight Per Dozen About 72 Pounds.

With 5⅛ in. Optical Lens.

	Per Dozen
No. 35½—11¼ in. High Over All, Cold Rolled Steel Body, Black Enameled with Brass Door Rim, Right and Left Hand Sockets, Heavy Gauge Removable Aluminum Reflector, Nickel Plated Brass Burner, ⅜ in. Wick, 2¼ in. Ruby Rear Lens, with Bail and Dash Clamp Holder, Capacity 10 Hours	$67.75

Weight Per Dozen About 72 Pounds.

One-half Dozen in a Box.

	Per Dozen
No. 37—Extra Dash Holders, for Use on Side of Dash	$ 4.50
No. 38—Extra Plain Lens, with Brass Rims, for Use on No. 35 Union Lamp	13 35
No. 38½—Extra Optical Lens, with Brass Rims, for Use on No. 35½ Union Lamp	13.35

Lamps.

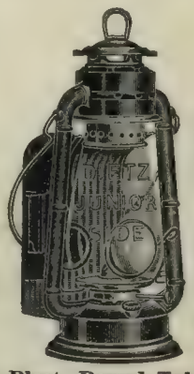
NEW EUREKA DRIVING

With 3 in. Door Lens.

	Per Dozen
No. 20—7½ in. High Over All, Black Enameled Body with Nickel Plated Door, Dash Clamp Socket and Clamp, Patent Wing Lock Burner, ⅝ in. Wick, Ruby Rear Lens, Capacity of Fount 10 Hours	$25.55

Weight Per Dozen About 42 Pounds.

JUNIOR SIDE, DRIVING



Cold Blast, Round Tubular.

	Per Dozen
No. 48—11¾ in. High Over All, Black Enameled, Bright Corrugated Tin Reflector, Bull's-Eye Lens, 2¼ in. Ruby Rear Lens, No. 1 Tin Steel Burner, ⅝ in. Wick, Junior Globe, Capacity 13 Hours, Complete with Bracket	$20.00

Weight Per Dozen About 54 Pounds.

One-half Dozen in a Box.

TUBULAR SIDE

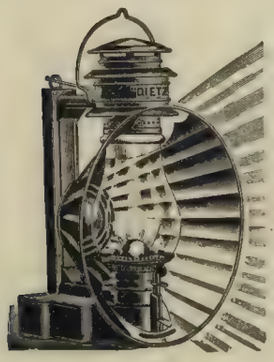
Cold Blast, Tubular.

	Per Dozen
No. 15—15 in. High Over All, Blue Japanned, 5 in. Silvered Glass Reflector, No. 1 Blizzard Tinned Steel Burner, ⅝ in. Wick, Dietz "Fit-all" Globe, Capacity of Fount 45 Hours	$33.35

Weight Per Dozen About 62 Pounds.

Search Lights.

DIETZ



No. 30.

Cold Blast, Tubular.

Per Dozen

No. 30—15¼ in. High Over All, Blue Japanned, 12 in. Diameter Bright Tin Reflector, 7 in. Deep, 2¾ in. Bull's-Eye Lens, Attached to Perforated Plate, Blizzard Globe, No. 2 Blizzard Tinned Steel Burner, 1 in. Wick, Capacity of Fount 35 Hours $41.15

Weight Per Dozen About 90 Pounds.

One-half Dozen in a Box.

Cold Blast, Tubular.

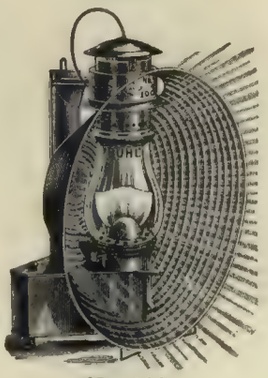
Per Dozen

No. 100—16 in. High Over All, Blue Japanned, 7 in. Diameter Nickel Plated Brass Reflector, 16 in. Hood, No. 0 Cold Blast Globe, No. 2 Burner, 1 in. Wick..... $46.65

Weight Per Dozen About 96 Pounds.

One-half Dozen in a Box.

BUHL



No. 100.

Kitchen Side Lamps.

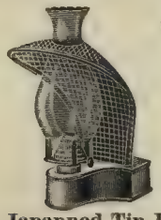
Japanned Steel Frame.

Per Dozen

No. 3—Glass Filler Fount, Bright Tin Reflector, No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney...$5.60

Weight Per Dozen About 25 Pounds.

One-half Dozen in a Box.



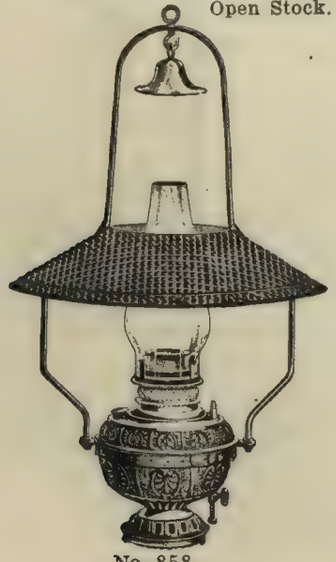
Green Japanned Tin Fount.

Per Dozen

No. 5—Bright Tin Reflector, No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney.....$7.25

Weight Per Dozen About 20 Pounds.

Open Stock.



No. 858.

BRILLIANT, Blue Japanned Tin Fount.

Per Dozen

No. 21—6⅞ in. Diameter Corrugated Bright Tin Reflector, No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney $7.00

Weight Per Dozen About 22 Pounds.

Open Stock.

French Bronze Finish Bracket.

Per Dozen

No. 73—Handled Glass Filler Fount, 8 in. Diameter, Silvered Glass Reflector, No. 2 Sun Burner, 1 in. Wick, No. 2 Sun Chimney....$14.50

Weight Per Dozen About 50 Pounds.

Open Stock.

Mammoth Hanging Lamps.

IMPROVED BANNER

Each

No. 858—No. 3 Embossed Brass Fount, Circular Burner and Wick, 20 in. Corrugated Tin Reflector, Central Draft, No. 3 Banner or Rochester Chimney, Capacity of Fount 1 Gallon.....$6.15

Weight Each About 7 Pounds.

The Wick Raiser is controlled by a Thumb Screw, so that the Wick cannot fall by a sudden jar. The Lock Extension Harp Ring allows the Fount to be removed with one Hand by dropping through the Ring, instead of lifting as in other Lamps. Has extra Feeder Wick and Oil Drip Cup on inside Tube, which carries any overflow to the Wick.

One in a Box.

Police Lanterns.

No. 20.

Japanned Brown.

No. 20—2¾ in. Bull's-Eye Lens, Tin, with Slide and Adjustable Bottom to Remove Lamp..... Per Dozen **$9.35**
Weight Per Dozen About 8 Pounds.
One-twelfth Dozen in a Package.

Tubular Hanging Lamps.

DIETZ PIONEER

These Lamps give a light equal to 22 Candle Power. Can be Filled, Lighted, Regulated and Extinguished without Removing the Globe. Are not affected by the Strongest Wind. Can be Regulated to Burn a Certain Number of Hours. Fount Holds Sufficient Oil to Burn 24 Hours.

DIETZ PIONEER CRYSTAL

Tin Fount. Each

No. 3—21½ in. High Over All, Cold Blast, Round Tubular, Heavy Tin, Painted Green, Stamped Base, Automatic Extinguisher, Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... **$7.80**
Weight Each About 24 Pounds.
One in a Box.

Glass Fount. Each

No. 03—21½ in. High Over All, Cold Blast, Round Tubular, Heavy Tin, Painted Green, Stamped Base, Automatic Extinguisher, Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... **$8.90**
Weight Each About 24 Pounds.
One in a Box.

Street Lamps.

DIETZ PIONEER

DIETZ PIONEER CRYSTAL

Tin Fount, for Post or Bracket. Each

No. 3—25½ in. High Over All, Cold Blast, Round Tubular, Heavy Tin, Painted Green, 2⅞ in. Socket Opening, Automatic Extinguisher, Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... **$7.25**
Weight Each, About 27 Pounds.
One in a Box.

Glass Fount, for Post or Bracket. Each

No. 03—25½ in. High Over All, Cold Blast, Round Tubular, Heavy Tin, Painted Green, 2⅞ in. Socket Opening, Automatic Extinguisher, Pioneer Globe, No. 3 Tinned Steel Burner, 1½ in. Wick, Capacity of Fount 24 Hours..... **$8.35**
Weight Each, About 27 Pounds.
One in a Box.

These Lamps are not Affected by the Strongest Wind. Have Patent Globe Lifter, Outside Wick Regulator. Do Not Smoke. Can be Regulated to Burn a Certain Number of Hours. Founts Hold Sufficient Oil to Burn 24 Hours.

Nos. 2 and 3.

Square Lamps.

DIETZ IMPERIAL

Cold Blast, Tubular.

Each

No. 2—21½ in. High Over All, Japanned Blue, 8 in. Silvered Glass Reflector, No. 3 Tinned Steel Burner, 1½ in. Wick, Regulated from the Outside, Capacity of Fount 17 Hours, Weight Each About 21 Lbs..... **$ 9.50**

No. 3—25½ in. High Over All, 12 in. Silvered Reflector, Capacity of Fount 23 Hours, Otherwise Same as No. 2, Weight Each About 35 Lbs..... **13.90**

One in a Box.

Lamp Brackets.

French Bronze Finish. Per Dozen
No. 70—11 in. Projection, 5 in. Disk.....$1.90

Weight Per Dozen About 10 Pounds.

One Dozen in a Box.

French Bronze Finish. Per Dozen
No. 073—13 in. Projection, with Thumb Screw and Nut for Holding Reflector, Cut Threads.....$4.15

Weight Per Dozen About 27 Pounds.
One-half Dozen in a Box.

Per Dozen
No. 173—Wall Plates Only.....$0.60
No. 273—Bowls Only 1.35

Glass Reflectors.

Silvered Glass. Per Dozen
No. 18—8 in. Diameter, for Bracket Side Lamps.....$5.00
Weight Per Dozen About 8 Pounds.
Three Dozen in a Box.

Reflector Screws.

Per Dozen
No. 19—Screws Only, for Use with Above $0.25

Glass Founts.

Groove Filler.

Per Dozen
No. 02—With Outside Filler, Takes No. 2 Burner, for Iron Chandeliers and Lamp Brackets $2.25

Weight Per Dozen About 13 Pounds.

Five Dozen in a Box.

Handled Grove Filler.

Per Dozen
No. 2—With Outside Filler, Takes No. 2 Burner, for Iron Chandeliers and Lamp Brackets..$3.35

Weight Per Dozen About 15 Pounds.

Four and One-half Dozen in a Box.

Founts and Burners.

No. 3.

Per Dozen
No. 2—For No. 2 Square Tubular Street Lamps $30.00
No. 3—For No. 3 Pioneer Tubular Street and Hanging Lamps 26.65
No. 03—For No. 03 Pioneer Crystal Tubular Street and Hanging Lamps 36.70
Weight Per Dozen About 15 Pounds.

Burners.

EAGLE, LAMP

Brass.

Per Dozen
No. 1—⅞ in., for No. 1 Chimneys $1.25
No. 2—1 in., for No. 2 Chimneys. 1.70

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

CLIMAX, LAMP

Brass.

Per Dozen
No. 697—1½ in. Wick, for Nos. 2 or 3 Collars.....$3.35

Weight Per Dozen About 2½ Pounds.

One Dozen in a Box.

BING'S LAMP

Glass Cone Tops. Per Dozen
No. 1B—⅝ in., for No. 1 Chimneys $4.00
No. 2B—1 in., for No. 2 Chimneys 4.50
Weight Per Dozen About 3 Pounds.

Per Single Dozen
Extra Glass Cones—For Bing's Lamp Burners $0.80
One-twelfth Dozen in a Carton; One Dozen in a Box.

Burners.

BRILLIANT LAMP

Brass.

Per Dozen
No. 10—1 in., for No. 2 Chimneys, Fitted with Steel Gas Generating and Smoke Consuming Device $3.35

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

FENDER

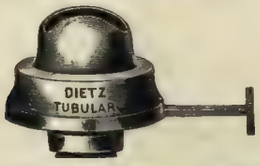
Per Dozen
No. 25—⅞ in. Wick, for No. 2 Chimneys, Wide Open Passage from Base to Flame....$2.80

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Burners.

TUBULAR LANTERN



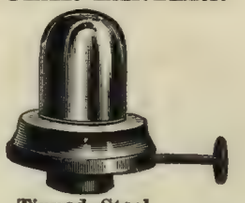
Tinned Steel. Per Dozen

No. 1—⅝ in. Wick, for Tubular Lanterns and No. 15 Side Lamps **$0.95**

No. 2—1 in. Wick, for Nos. 1B and 22 Lanterns and Nos. 30 and 100 Search Lights..... **2.25**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

TUBULAR LANTERN



Tinned Steel.

Per Dozen

No. 1C—⅝ in. Wick, Long Cone, for No. 0 Beacon Reflector Tubular Dash Lanterns....**$3.90**

Weight Per Dozen About 1¾ Pounds.
One Dozen in a Box.

TUBULAR LANTERN

Tinned Steel.

Per Dozen

No. 12—1 in. Wick, Coneless, for Nos. 25, 26 and 28 D-lite Lanterns **$1.70**

Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

Burners.

STREET LAMP

Tinned Steel.

Per Dozen

No. 3—1½ in. Wick, with Button on Shaft, for No. 3 Pioneer and No. 03 Pioneer Crystal Tubular Street or Hanging Lamps **$6.70**

Weight Per Dozen About 3½ Pounds.
One-half Dozen in a Box.

Wicks.

OIL AND LAMP STOVE

Flat Woven Cotton.

Nos.	5	6	7
Width, Inches	3½	3¾	4
Length, Inches	8	8	8
Per Dozen	$0.45	.50	.52

Weight Per Dozen About ⅝ Pound.
One Dozen in a Bundle.

LAMP

Red Felt.

Nos.	12	13	14
Inches	3½	4	4½
Per Dozen	$0.56	.62	.66

Weight Per Dozen About ½ Pound.
One Dozen in a Bundle.

Wicks.

LAMP

Flat Woven Cotton.

Nos.	0	1	2	3
Width, Inches	½	⅝	1	1½
Per Gross	$0.60	.70	1.08	1.70

Weight Per Gross About ⅜ Pound.
One Gross in a Package.

Circular, Woven Cotton.

Per Dozen

No. 2—Rochester, for Mammoth Banner or Rochester Lamps, with No. 2 Burner.....**$0.45**

No. 3—Banner, for Mammoth Banner or Rochester Lamps, with No. 3 Burner..... **1.25**

Weight Per Dozen About 1½ Pounds.
One Dozen in a Package.

Candle Wicking.

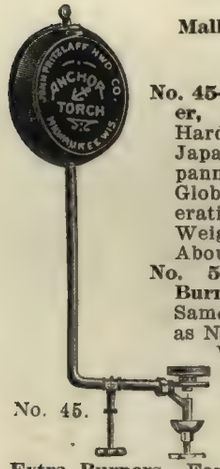
Per Pound

No. 1—Big Value Candle Wicking..... **$0.34**

No. 2—Burn Bright Candle Wicking..... **.54**

5 Pounds in a Sack; 100 Pounds in a Bale.

Gasoline Torches.



No. 45.

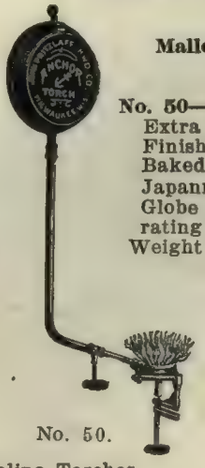
Malleable Iron Safety Hanger.

Per Dozen

No. 45—Single Burner, Finished in Hard Baked Black Japan, Black Japanned Iron Pipe, Globe Valve, Generating Burner, Weight Per Dozen About 50 Lbs...**$21.35**

No. 55—Double Burner, Otherwise Same Description as No. 45..... **36.70**

Weight Per Dozen About 60 Pounds.



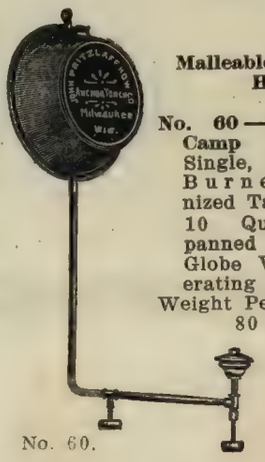
No. 50.

Malleable Iron Safety Hanger.

Per Dozen

No. 50—Jumbo, Single, Extra Large Burner, Finished in Hard Baked Japan, Black Japanned Iron Pipe, Globe Valve, Generating Burner.....**$41.15**

Weight Per Dozen About 60 Pounds.



No. 60.

Malleable Iron Safety Hanger.

Per Dozen

No. 60—Mammoth Camp or Mine, Single, Mammoth Burner, Galvanized Tank, Holds 10 Quarts, Japanned Iron Pipe, Globe Valve Generating Burner.**$45.60**

Weight Per Dozen About 80 Pounds.

Each

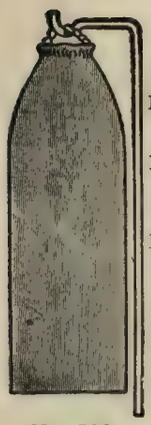
Extra Burners—For Nos. 45 and 55 Gasoline Torches..... **$1.35**

Extra Burners—For No. 50 Gasoline Torches **2.80**

Extra Burners—For No. 60 Gasoline Torches **1.80**

Gas and Gasoline Mantles.

LOOP



No. 732.

No. 714.

	Per Dozen
No. 732—Clover, Light Weave, Asbestos Loop, Nickel Hook Support	**$1.90**
No. 724—Aladdin, Extra Medium Weave, Asbestos Loop, Nickel Hook Support	**2.25**
No. 714—Juno, Triple Weave, Asbestos Loop, Nickel Hook Support	**2.60**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

CAP

No. 1.

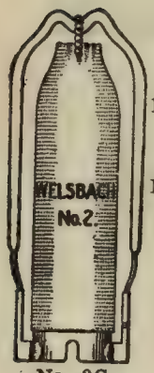
No. 614.

	Per Dozen
No. 1—Pritzlaff Special, Single Weave, Asbestos Loop, Double Wire Cap	**$3.35**
No. 624—Aladdin, Extra Medium Weave, Asbestos Loop, Double Wire Cap	**2.70**
No. 614—Juno, Triple Weave, Asbestos Loop, Double Wire Cap	**2.80**

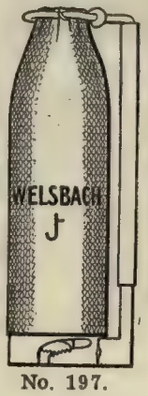
Weight Per Dozen About 1 Pound.

One Dozen in a Box.

CAP



No. 2C.



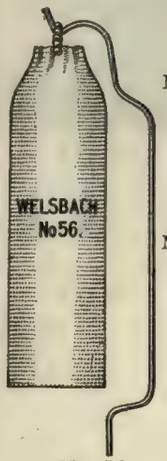
No. 197.

	Per Dozen
No. 2C—Welsbach, Second Quality, Asbestos Loop, Double Nickel Wire Cap, with Gauze	**$3.80**
No. 197—Welsbach, First Quality, Asbestos Tied, with Burner Cap and Gauze	**5.40**

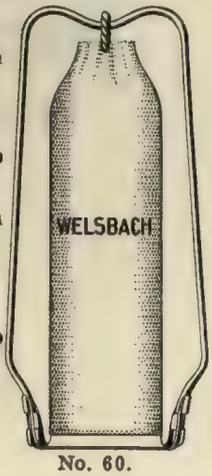
Weight Per Dozen About 1¼ Pounds.

One Dozen in a Box.

LOOP



No. 56.



No. 60.

	Per Dozen
No. 56—Welsbach, 4½ in. Long, Heavy Single Weave, Asbestos Loop, Nickel Hook Support, **for Pressure Gasoline Lamps**	**$4.00**

CAP

	Per Dozen
No. 60—Welsbach, 4½ in. Long, Heavy Single Weave, Asbestos Loop, Double Nickel Wire Cap, **for Pressure Gasoline Lamps**	**$4.80**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

Inverted Gas Mantles.

No. 10.

No. 30.

No. 40.

	Per Dozen
No. 10—Heavy Single Weave, Magnesia Ring	**$4.50**
No. 30—Triple Weave, Magnesia Ring	**2.70**
No. 40—Single Weave, Magnesia Ring	**1.80**
No. 70—Light Weave Rag Mantle, for Use on Gasoline Systems	**1.35**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Wax Tapers.

	Per Dozen Boxes
No. 1352—16½ in. Long, 30 Tapers in a Box	**$0.56**
No. 1452—18 in. Long, 30 Tapers in a Box	**1.15**

Weight Per Dozen Boxes About 2 Pounds.

Taper Torches.

	Per Dozen
No. 282—30 in. Long, Polished Tin, Cast Key, Wood Handle	**$1.70**
No. 316—30 in. Long, Nickel Plated Tin, Cast Key, Hardwood Handle	**3.90**

Weight Per Dozen About 4½ Pounds.

One Dozen in a Box.

No. 180D.

Gas Lamp Chimneys.

Frosted Bottom.

	Per Dozen
No. 180D—8 in. High, 2 in. Diameter	**$1.90**

Weight Per Case About 68 Pounds.
In Square Cartons, Twelve Dozen in a Case.

Frosted Bottom.

	Per Dozen
No. 634—8 in. High, 3 in. Diameter	**$2.25**

Weight Per Case About 60 Pounds.
In Square Cartons, Six Dozen in a Case.

No. 634.

Lamp Chimneys.

CRIMP TOP

ROCHESTER

CRIMP TOP

Lime Glass.

Nos.	**1**	**2**
Diameter at Bottom, Inches	2½	2⅞
For Burner, Nos.	1	2
Weight Per Case, Lbs.	46	56
Per Dozen	**$1.35**	**1.70**

In Square Cartons, Six Dozen in a Case.

PEARL TOP

Best Lead Glass.

Nos.	**1**	**2**
Diameter at Bottom, Inches	2½	2⅞
For Burner, Nos.	1	2
Weight Per Case, Lbs.	47	61
Per Dozen	**$1.80**	**2.15**

In Square Cartons, Six Dozen in a Case.

PEARL TOP

BELGIAN

ROCHESTER

ROCHESTER

Nos.	**2**	**3**
Height, Inches	10	12
Diameter at Bottom, Inches	2⅝	4
Weight Per Case, Lbs.	60	68
Per Dozen	**$2.00**	**4.15**

In Square Cartons, No. 2, Six Dozen; No. 3, Three Dozen in a Case.

BELGIAN

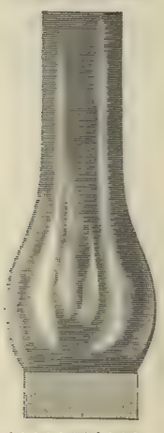
Nos.	**1**	**00**
Height, Inches	10¼	12⅛
Diameter at Bottom, Inches	2½	3
Weight Per Box, Lbs.	7½	10
Per Dozen	**$2.60**	**3.90**

In Square Cartons, One Dozen in a Box.

BELGIAN

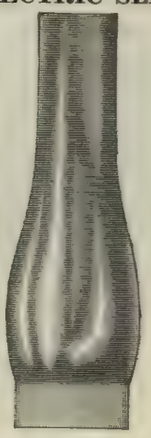
Lamp Chimneys.

ELECTRIC



No.	**2**
Height, Inches	10
Diameter Bottom, Inches	3
Weight Per Case, Lbs.	77
Per Dozen	**$1 90**

ELECTRIC SLIM



No.	**20**
Height, Inches	10
Diameter Bottom, Inches	3
Weight Per Case, Lbs.	60
Per Dozen	**$1.90**

In Square Cartons, Six Dozen in a Case.

Lamp Globes.

STREET AND HANGING

Tubular, Plain. Per Dozen

No. 3—Height 10¾ in., Width at Top 5⅝ in., Width at Bottom 6⅛ in., for Nos. 3 and 03 Dietz Pioneer Street and Hanging Lamps **$8.90**

Weight Per Barrel 55 Pounds.
Two-thirds Dozen in a Barrel.

Lantern Globes.

TUBULAR

Per Dozen

No. 0 —Tubular, **Plain**, Height 6⅝ in., Width at Top 2¾ in., Width at Bottom 3⅜ in. **$1.20**
One Dozen in a Box; Weight Per Box About 20 Pounds.
Five Dozen in a Box; Weight Per Box About 71 Pounds.

No. 1 —Tubular, **Plain**, Height 7 in., Width at Top 2¾ in., Width at Bottom 3⅜ in. **$1.70**

No. 0R—Tubular, **Ruby**, Same as No. 0 ..... **4.50**

No. 0G—Tubular, **Green**, Same as No. 0 ..... **4.50**

No. 0B—Tubular, **Blue**, Same as No. 0 ..... **4.50**

Nos. 0, 0R, 0G and 0B, for Lanterns taking No. 0 Globe,

No. 1 for Lanterns taking No. 1 Globe.

Five Dozen in a Box; Weight Per Box About 71 Pounds.

TUBULAR COLD BLAST

Per Dozen

No. 12 —Tubular, Cold Blast, **Plain**, Height 6¾ in., Width at Top 2⅞ in., Width at Bottom 3½ in. **$1.50**

No. 249 —Tubular, Cold Blast, **Pearl Glass**, Height 6¾ in., Width at Top 2⅞ in., Width at Bottom 3½ in. **3.35**

No. 12R—Tubular, Cold Blast, **Ruby**, Height 6¾ in., Width at Top 2⅞ in., Width at Bottom 3½ in. **4.50**

For Cold Blast Lanterns.

One Dozen in a Box; Weight Per Box About 22 Pounds.

Five Dozen in a Box; Weight Per Box About 70 Pounds.

BULL'S-EYE

Plain.

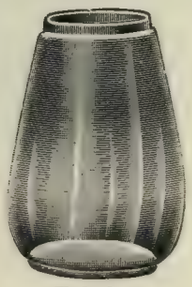
Per Dozen

No. 10—Tubular, Height 6¾ in., Width at Top 2 13/16 in., Width at Bottom 3⅜ in. **$3.15**

For all Lanterns taking No. 0 Globe.

Five Dozen in a Barrel; Weight Per Barrel About 80 Pounds.

BLIZZARD JUNIOR COLD BLAST



Tubular.

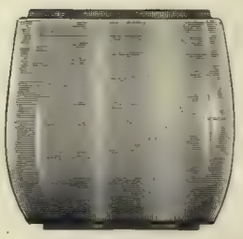
Per Dozen

No. 20—Blizzard Junior, Cold Blast, Height 5½ in., Width at Top 2 5/16 in., Width at Bottom 2 13/16 in. **$1.35**

For Junior Cold Blast Lanterns.

Five Dozen in a Box; Weight Per Box About 55 Pounds.

"D-LITE" COLD BLAST



Plain.

Per Dozen

No. 15—D-Lite, Tubular, Height 4⅝ in., Width at Top 3⅞ in., Width at Bottom 3¼ in. **$1.56**

For "D-Lite" Cold Blast Lanterns.
One Dozen in a Box; Weight Per Box About 20 Pounds.
Five Dozen in a Box; Weight Per Box About 70 Pounds.

RAILROAD

Plain.

Per Dozen

No. 39—Height 5⅜ in., Width at Top 2½ in., Width at Bottom 3¼ in., for No. 39 Star Railroad Lanterns **$1.75**

Five Dozen in a Barrel; Weight Per Barrel About 70 Pounds.

CADET

Plain.

Per Dozen

No. 25—Cadet, Height 3 in., Width at Top 1¾ in., Width at Bottom 2⅛ in., for Boy Brass Lanterns **$1.00**

Six Dozen in a Box; Weight Per Box About 25 Pounds.

Oil Cans.

TIN

IC Tin, Stamped Fluted Breast, Bent Spout.

Nos.	30	31
Gallons	½	1
Ap. Wt. Dozen, Lbs.	5	9
Per Dozen	$2.70	3.15

One Dozen in a Crate.

DANDY

Heavy Glass Body, Tin Bottom and Jacket.

No.	2
Gallons	1
Approx. Weight Dozen, Lbs.	48
Per Dozen	$4.80

One Dozen in a Crate.

WIRE CUSHION

Heavy Glass Body, Steel Spring Wire Cushioned.

No.	18
Gallons	1
Approx. Weight Dozen, Lbs.	50
Per Dozen	$7.25

One Dozen in a Crate.

Nos. 101 to 110.

BLUE BAND

Galvanized, Stamped Fluted Breast, Fancy Label, Banded Top and Bottom.

With Large Spout and 1½ in. Screw Cap.

Nos.	101	102	103	105	110
Gallons	1	2	3	5	10
Approx. Weight Per Dozen, Lbs.	25	30	35	60	90
Per Dozen	$3.35	5.60	7.80	9.70	18.70

With ⅜ in. Metal Faucet and Screw Cap. Per Dozen

No. 205—Capacity 5 Gallons, Weight Per Dozen About 72 Lbs. $11.35

No. 101, One Dozen; Nos. 102 to 205, One-half Dozen in a Crate.

No. 205.

Nos. 501 to 510.

Gasoline Cans.

Galvanized Iron, Painted Red, Fancy Label.

With Large Spout and 1½ in. Screw Cap.

Nos.	501	502	503	505	510
Gallons	1	2	3	5	10
Approx. Wt. Per Dozen, Lbs.	25	30	35	60	90
Per Dozen	$4.35	6.60	8.90	10.90	20.00

With ⅜ in. Metal Faucet and Screw Cap. Per Dozen

No. 605—Capacity 5 Gallons, Weight Per Dozen About 72 Lbs. $12.80

No. 501, One Dozen; Nos. 502 to 605, One-half Dozen in a Crate.

No. 605.

Oil Cans.

EXTRA HEAVY Galvanized Iron, Red Band, Spout with Screw Cap.

Nos.	8843	8845
Gallons	3	5
Approximate Weight Per Dozen, Lbs.	80	90
Per Dozen	$10.70	16.00

One-half Dozen in a Crate.

Nos. 8843 and 8845

Gasoline Cans.

EXTRA HEAVY Galvanized Iron, Painted Red, Spout with Screw Cap.

Nos.	8943	8945
Gallons	3	5
Approximate Weight Per Dozen, Lbs.	80	90
Per Dozen	$13.35	18.70

One-half Dozen in a Crate.

Nos. 8943 and 8945

Oil Cans.

DELPHOS

Pump, Heavy Galvanized Iron Body, Heavy Tin Breast and Cover.

	Per Dozen
No. 9—3 Gallon, Weight Per Dozen About 75 Lbs.....	**$24.50**
No. 10—5 Gallon, Weight Per Per Dozen About 100 Lbs..	**26.65**

The Pump of this Can is a Force Pump and Siphon combined. This construction makes it possible to either fill or empty a Receptacle with the Pump.

One-quarter Dozen in a Crate.

CLIMAX

Pump, Heavy Galvanized Iron Body, Tin Breast and Cover, with Steady Stream Pump.

	Per Dozen
No. 20—5 Gallon, Weight Per Dozen About 80 Lbs.....	**$20.60**

One-quarter Dozen in a Crate.

NESCO

Pump, Galvanized Iron, Banded Top and Bottom, Removable Steady Stream Pump.

	Per Dozen
No. 805—5 Gallon, Weight Per Dozen About 80 Lbs.....	**$21.15**

One-quarter Dozen in a Crate.

Oil Tanks.

ELEGANT

Galvanized Iron Tank and Hood, Painted Green, Wood Bottom, Steady Stream Pump, with Hasp and Staples.

Nos.	060	0100
Capacity, Gallons	60	110
Diameter, Inches	25	30
Height, Inches	31	36½
Ap. Weight Each, Crated, Lbs...	60	80
Each	**$8.50**	**14.15**

Nos. 060 and 0100.

ACME

Galvanized Iron Body and Hood, Painted Green, Wood Bottom, Steady Stream Pump.

Nos.	130	160
Capacity, Gallons	30	60
Diameter, Inches	22	25
Height, Inches	27	31
Ap. Weight Each, Crated, Lbs...	40	60
Each	**$6.25**	**6.90**

Nos. 130 and 160.

Field or Storage Tanks.

Made of 18 Gauge Steel, Heavily Reinforced at the Chime, Special Seamed, with Faucet.

For Kerosene, Painted Black.

Nos.	530	555
Size, Gallons	30	55
Diameter, Inches	19	22½
Height, Inches	29	34
Ap. Weight Each, Lbs.	30	50
Each	**$5.00**	**7.80**

For Gasoline, Painted Red.

Nos.	630	655
Size, Gallons	30	55
Each	**$5.00**	**7.80**

Nos. 530 to 655.

Oil and Gasoline Tanks.

26 Gauge Open Hearth Steel, 4 in. Filler Cap, with Lock Faucet Having a Flow Equal to Any 1 in. Faucet, 1 in. Wood Bottom Under Metal Bottom for Protection.

For Kerosene, Painted Green.

Nos.	330	360	410
Gallons	30	60	110
Diameter, Inches	20	26	30
Height, Inches	24	28	36
Ap. Weight Each, Lbs.	35	50	70
Each	**$6.25**	**6.90**	**10.70**

For Gasoline, Painted Red.

Nos.	230	260	310
Gallons	30	60	110
Each	**$6.25**	**6.90**	**10.70**

One in a Crate.

Nos. 530 to 655 F. O. Factory, Chicago, Ill.

Nos. 330 to 310.

Automobile Measures and Funnels.

AUTO GASOLINE CANS

Extra Heavy Galvanized Material, Painted Red.

Large Spout for Pouring, Wood Plug in Spout Secured to Can by Brass Chain, Milk Can Cover.

	Per Dozen
No. 955—5 Gallon, 19¾ in. High Over All, Weight Per Dozen About 100 Lbs.	**$24.00**

One-quarter Dozen in a Crate.

AUTOMOBILE MEASURES

Galvanized Iron, Extra Heavy, with Bail and Back Handle.

Nos.	**2**	**3**
Gallons	2	3
Ap. Wt. Dozen, Lbs.	52	70
Per Dozen	**$27.80**	**33.35**

Open Stock.

Galvanized Iron, Extra Heavy, with Galvanized Bail with Base, Nose on Lip, Back Handle.

No.	**5**
Gallons	5
Approx. Weight Dozen, Lbs.	100
Per Dozen	**$36.90**

Open Stock.

AUTOMOBILE FUNNELS

Galvanized Iron, Extra Heavy, Extra Large, with Brass Wire Strainer, Extra Hoop to Fasten Chamois.

No.	**51**
Diameter, Inches	12¼
Approx. Weight Dozen, Lbs.	46
Per Dozen	**$17.80**

Open Stock.

AUTOMOBILE FUNNELS

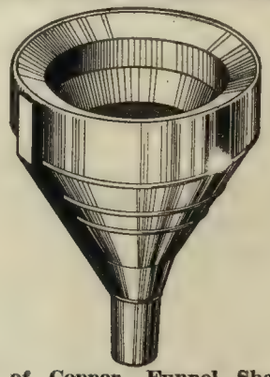
Galvanized Iron, Extra Heavy, Extra Large, Brass Wire Strainer.

Extra Hoop to Fasten Chamois, Funnel Tube on End to Permit Using in Corners.

No.	**53**
Diameter, Inches	12¼
Approx. Weight Dozen, Lbs.	68
Per Dozen	**$23.35**

Open Stock.

WATER SEPARATING FILTER



Made of Copper, Funnel Shape, for Gasoline, Kerosene, Benzine and Other Similar Oils.

	Per Dozen
No. 2—Auto Size, 6x9 in., Capacity 10 Gallons Per Minute, Complete with Extension Spout for Motor Boat Use, Weight Per Dozen About 14 Lbs.	**$33.50**

Open Stock.

AUTOMOBILE FUNNELS

Galvanized Iron, Seamless, Extra Heavy, with Chamois Ring and 100 Mesh Strainer.

Nos.	**603**	**606**
Capacity, Quarts	3	6
Diameter, Inches	9	10½
Approximate Weight Dozen, Lbs.	45	63
Per Dozen	**$14.50**	**16.70**

Open Stock.

WOOD JACKET CANS

Heavy Tin, Vent Top, Wood Jacket.

Nos.	**81**	**82**	**83**
Gallons	1	2	3
Ap. Wt. Each, Lbs.	1½	2½	3
Each	**$0.36**	**.45**	**.56**

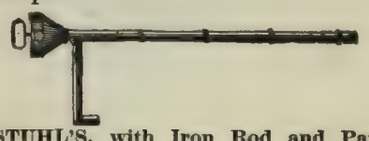
Nos.	**85**	**90**
Gallons	5	10
Ap. Wt. Each, Lbs.	4½	7
Each	**$0.67**	**1.25**

Open Stock.

Oil Pumps.

PERFECTION, IC TIN, with Iron Rod and Patent Valve.

	Each
No. 10—38 in. Long, Weight Each About 6 Lbs.	**$2.00**



STUHL'S, with Iron Rod and Patent Valve.

	Each
No. 20—48 in. Long, 1½ in. Cylinder, 14 in. Spout, Weight Each About 8 Lbs.	**$3.80**

Lubricating Oils.

"NORTHLAND" PURE PENNSYLVANIA

Fully Guaranteed.

	Per Gallon
No. 5—Valve Oil (Compounded Steam Cylinder), a High Grade Pennsylvania Green Oil, Compounded at the Refinery with Pure Lard Oil and Over 650 Fire Test, for Steam Cylinder Lubrication, Large Stationary Engines	$0.80
No. 10—Steam Cylinder Oil, a Medium Fire Test Cylinder Oil, Compounded 6 Per Cent with Animal Oils, Made Especially for Small Steam Engines, Threshing Machines, etc.	.67
No. 12—"D" Gas Engine Cylinder Oil, an Excellent Filtered Oil of Good Body, Suitable for Any Medium Sized Gas Engine, Also a Fairly Good Automobile Cylinder Oil, an Excellent Engine or Machine Oil	.50
No. 15—Heavy Gas Engine Oil, a Heavy Red Pennsylvania Viscous Oil with High Fire Test, Suitable for Hot-Running Gasoline Engines Pulling Considerable Power	$0.63
No. 20—Pale Gas Engine Cylinder Oil, a Light Bodied Oil Suitable for Small Gas Engines, Also for Engine or Machinery Lubrication where a fairly Light Bodied Oil is Required, is Highly Filtered, Therefore Suitable for Automobile Lubrication as Well, Leaves Very Little Carbon	.63
No. 25—Red Dynamo and Engine Oil, a Heavy Bodied Red Oil, Suitable for Machine and Engine Lubrication Other than in Cylinders	.45
No. 30—Red Engine Oil, Same as No. 25, but Lighter in Body	.38
No. 35—Machine Castor Oil, Medium or Heavy, a Heavy Manufactured Oil with Gelatin Base, Preferred by Some on Account of its Adhesive Qualities, Used for Farm Machinery, Should Not be Used when Oil Can be Held on the Bearings	.38
No. 40—White Mineral Separator Oil, a White Filtered Mineral Oil, Made to Lubricate Fast Running Light Machinery, Light in Body	$0.45
No. 45—Windmill or Ice Machine Oil, a Pale Oil with a Very Low Cold Test—Lubricating at 7 Below Zero, a Good Engine Oil to Use in Winter, Makes a Fair Winter Automobile Cylinder Oil.	.52
No. 50—Heavy Harvester Oil, a Very Heavy Red Engine Oil, Made to do the Work of Castor, Much Better than Castor in Every Way and Will Lubricate at a Very Low Temperature, Too Heavy for Any Other Purpose	.56
No. 55—Neatsfoot Harness Oil, Dark Color, for Dipping or Rubbing	.78

About 50 Gallons in a Barrel, Prices Quoted Include Cost of Barrel.

	Each
Half Barrel (About 25 Gallons)	$1.70
Ten Gallon Cone Top Jacket Can	1.35
Five Gallon Cone Top Jacket Can	.80
One Gallon Cone Top Jacket Can	.40

No. C40—Northland Separator Oil.
In Cases.

Capacity of Can, Gallons	1	½	¼
Number of Cans in Case	6	12	24
Per Case	$5.15	6.90	9.35

No. C55—Neatsfoot Harness Oil.
In Cases.

Capacity of Can, Gallons	1	½	¼
Number of Cans in Case	6	12	24
Per Case	$7.25	8.35	11.15

Automobile Oils.

"NORTHLAND" HIGH GRADE PENNSYLVANIA

Fully Guaranteed.

Nos. 1 and C1 Extra Pale Auto Oil—A highly filtered Pennsylvania Oil with very high fire test and with practically no free carbon. Used most successfully on fast running expensive cars with close fitting bearings. If bearings are not perfectly ground will burn up quickly without residue. Not recommended for the ordinary class of car.

Nos. 2 and C2 Special Oil—The very best filtered, pale Pennsylvania Oil possible to buy at any price, and suitable for any make of water-cooled car. There is no better auto lubricant made regardless of name or price. A better oil cannot be made out of petroleum.

Nos. 3 and C3 Crystalline—A very heavy white oil, especially adapted for motors having the new long stroke engine. It will not smoke and has a low cold test. This is the fanciest oil made. Will lubricate any make of water-cooled or air-cooled motor.

Nos. 4 and C4 Heavy Auto—A strong bodied Pennsylvania filtered oil with very high fire test. For motors needing a heavy oil, also for air-cooled cars. Splendid for motorcycles.

Nos. 6 and C6 Combination—An excellent Pennsylvania filtered oil, with a little stronger body than the **Special,** but not quite so light in color. Contains very little carbon.

Nos. 8 and C8 Bartles Mobiline Auto Oil—This is a medium bodied oil, filtered, and is strongly recommended as a combination oil which a dealer can handle and sell for automobiles, gas engines, power separators, dynamos, ordinary machinery, and medium sized engines. It contains very little free carbon, has good body and high fire test. Its cold test is about 15 above zero.

Nos. 9 and C9 Transmission Oil—A heavy black Pennsylvania Stock oil with a very high fire test. Suitable in the transmissions of automobiles where the bearings are tight enough to hold it. It takes the place of transmission grease and is a very much better lubricant.

In Barrels.

Nos.	1	2	3	4	6	8	9
Per Gallon	$1.25	.78	1.25	.90	.75	.65	.75

About 50 Gallons in a Barrel.

In One Gallon Cans.

Nos.	C1	C2	C3	C4	C6	C8	C9
Per Case of Six	$9.80	7.15	9.80	7.80	7.00	6.35	7.00

Six One Gallon Cans with Patent Spout in a Case.

Prices Quoted Include Cost of Barrel and Containers in Case Lots.

	Each
Half Barrel (About 25 Gallons)	$1.70
Ten Gallon Cone Top Jacket Can	1.35
5 Gallon Cone Top Jacket Can	$0.80
1 Gallon Cone Top Jacket Can	.40

Gasoline.

HIGH GRAVITY, PENNSYLVANIA

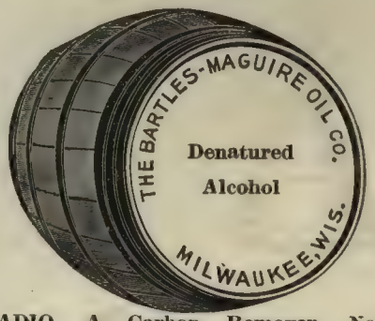
	Per Gallon
Bartles 65° Gravity, Guaranteed Wisconsin State Test, in Steel Drum	**$0.34**
Bartles 70° Gravity, Lighting Machine, in Steel Drum	**.38**
Bartles 72° Gravity (71-72 Degrees at 60° Fahrenheit), in Steel Drum	**.43**
Bartles 87° Gravity, in Steel Drum	**.45**
54 Gallons in a Drum.	
	Each
Steel Drums	**$11.15**

Kerosene.

HIGHEST GRADE, PENNSYLVANIA

	Per Gallon
Bartles Ruby, (Red), 50° Gravity, in Steel Drum	**$0.22**
Bartles Radiacene, (White), 50° Gravity, in Steel Drum	**.22**
Bartles Parlor Light, Clear White, Double Distilled	**.21½**
54 Gallons in a Steel Drum.	
	Each
Steel Drums	**$8.90**

Denatured Alcohol.



RADIO, A Carbon Remover, Non-Freezing Agent and an Ideal Fuel.

	Per Gallon
In Barrels, About 50 Gallons	**$0.90**
In ½ Barrel, About 25 Gallon	**.96**
	Per Crate
In Crate, One 5 Gal. Can	**$ 6.70**
In Crate, Two 5 Gal. Cans	**12.25**
In Crate, Ten 1 Gal. Cans	**14.50**
	Per Can
In 1 Gallon Plain Tin Can	**$1.55**

Prices Quoted on Gasoline and Kerosene do not include the Steel Drum. Steel Drums can be returned to the Bartles-Maguire Oil Co., Milwaukee, Wis., they paying the **return freight** charges and when received we will credit amount as originally charged for same.

NOTE—Kerosene can be shipped by Rail to **Wisconsin Points Only.** Lake Steamers will not accept same. Gasoline can be shipped by Rail only.

Cup and Transmission Grease.

"NORTHLAND," HIGH GRADE

No. 3, Medium; No. 4, Hard.

Greases are made from light oils and should never be used when oil itself can be held. The transmission greases are free flowing and the cup greases are hard. Fibre grease is best used for transmissions and differentials on account of its tendency to cling, also on account of its higher melting point. All our greases are high grade and should not be confused with the cheap greases. They are made from strong bodied oils and compounded with animal oils to maintain their lubricating qualities when melted.

CUP GREASE

	Per Pound
In Wooden Barrels, Containing About 450 Lbs	**$0.11**
In Wooden ½ Barrels, Containing About 280 Lbs	**.12**
	Per Pail
In Wooden Pails, Containing 28 Lbs Net	**$4.70**
	Per Dozen
In 5 Lb. Tin Pails, Enameled, Fancy, 12 in a Case	**$11.15**
In 10 Lb. Tin Pails, Enameled, Fancy, 6 in a Case	**21.15**
	Per Case
In 1 Lb. Tin Boxes, Enameled, Fancy, 48 in a Case	**$13.35**
In 3 Lb. Tin Boxes, Enameled, Fancy, 24 in a Case	**16.70**

TRANSMISSION GREASE

	Per Pound
In Wooden Barrels, Containing About 450 Lbs	**$0.11**
In Wooden ½ Barrels, Containing About 280 Lbs	**.12**
	Per Dozen
In 5 Lb. Tin Pails, Enameled, Fancy, 12 in a Case	**$11.15**
In 10 Lb. Tin Pails, Enameled, Fancy, 6 in a Case	**21.15**

Linseed Oil Soap.

"NORTHLAND," FOR HIGHLY POLISHED SURFACES

A soft neutral soap made to clean highly polished surfaces when mixed with water to the extent of making suds. Cold water should always be used. Will cut all grease and not mar the finest surface. Used almost without exception by all parties cleaning automobiles. Also used for all kinds of general cleaning on account of its properties and on account of its purity.

	Per Pound
In Wooden Barrels, Containing About 430 Lbs	**$0.11**
In Wooden Half Barrels, Containing About 220 Lbs	**.12**
	Per Pail
In Wooden Pails, Containing 33 Lbs. Net	**$5.90**

Oilers.

CHACE'S PATTERN.

Chace's Pattern.

Zinc.

Nos.	00	0	1	2	3	4	5
Diameter Bottom, Inches	2	2⅛	2⅝	3	3½	4	4½
Length of Spout, Inches	2¼	2¼	2¼	4¼	4¼	5	5
Weight Per Dozen, Lbs.	¾	1	1¼	1¾	2¾	3¼	3¾
Per Dozen	$0.80	.90	1.00	1.35	1.56	1.90	2.50

Copper.

Nos.	2	3	4	5
Diam. Bottom, Inches	3	3½	4	4½
Length Spout, Inches	4¼	4¼	5	5
Weight Per Dozen, Lbs.	2½	3	4	4½
Per Dozen	$4.15	4.75	5.60	7.00

Brass.

Nos.	2	3	4	5
Diam. Bottom, Inches	3	3½	4	4½
Length Spout, Inches	4¼	4¼	5	5
Weight Per Dozen, Lbs.	2¾	3	4	4½
Per Dozen	$3.90	4.50	5.35	6.70

Nos. 00 and 0, One Dozen; All Others One-half Dozen in a Box.

OILER SPOUTS

Zinc, Straight.

For Chace's Zinc Oilers, Nos.	00	0	1	2	3	4	5
Length, Inches	2¼	2¼	2¼	4¼	4¼	5	5
Weight Per Gross, Lbs.	2¼	2¼	2¼	3	3	4½	4½
Per Gross	$6.25	6.25	6.25	8.00	8.00	8.90	8.90

Open Stock.

Oilers.

PARAGON

Zinc.

Nos.	0	1	2	3	4
Diam. Bottom, Inches	2⅛	2⅝	3	3½	4
Length Spout, Inches	2¼	2¼	3¼	3¼	5½
Weight Per Dozen, Lbs.	1	1½	2½	3	3½
Per Dozen	$2.00	2.25	3.00	3.25	3.75

Brass.

Nos.	1	2	3	4
Diam. Bottom, In.	2⅝	3	3½	4
Length Spout, Inches	2¼	3¼	4	5½
Weight Per Dozen, Lbs.	1½	2½	3¼	5½
Per Dozen	$5.50	7.00	8.25	9.35

Paragon.

AUTOMATIC

Zinc.

Nos.	1	2	3
Diameter Body, Inches	3	3	3½
Length Spout, Inches	2¾	3¼	3½
Height Over All, Inches	4¾	5¾	6
Weight Per Dozen, Lbs.	2¼	4	5½
Per Dozen	$6.00	6.70	7.50

No. 0, One Dozen; All Others, One-half Dozen in a Box.

Automatic.

STEEL

Heavy Polished Steel Body, Plain Steel Bottom.

Per Dozen

No. 100—3¾ in. Diameter of Bottom, 3 in. Spout, 6 in. High Over All, Weight Per Dozen 4½ Lbs. $8.00

One Dozen in a Box.

No. 100.

MALLEABLE

Hammer's Patent Malleable Iron, Bronzed, Spring Brass Bottom, Heavy Polished Steel Spout.

Per Dozen

No. 12—3⅝ in. Diameter of Bottom, 3 in. Spout, 6 in. High Over All, Weight Per Dozen 8 Lbs. $10.00

No. 13—3⅞ in. Diameter of Bottom, 3 in. Spout, 6 in. High Over All, Weight Per Dozen 10 Lbs. 10.70

One Dozen in a Box.

Per Dozen

Extra Spouts—3 in., for Nos. 12 and 13 Oilers, Weight Per Dozen 1 Lb. ... $4.00

Open Stock.

Nos. 12 and 13.

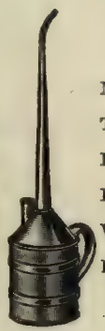
MACHINE

IC TIN, Spring Bottom, 6, 8 or 10 In., Straight or Bent Spout.

Nos.	10	11
T. C. Pints	1	1½
Diam., In.	3	3½
Height Body, In.	4¾	5¾
Weight Doz., Lbs.	4	5
Per Dozen	$1.90	2.15

Open Stock.

IXX Tin, 13 In., Straight or Bent Spout.



No.	20
T. C. Quarts	1
Diameter, Inches	4¼
Height of Body, In.	6¾
Weight Dozen, Lbs.	8½
Per Dozen	$4.50

Open Stock.

Galvanized Iron, 13 In., Straight or Bent Spout.

No.	120
T. C. Quarts	1
Diameter, Inches	4¼
Height of Body, In.	6¾
Weight Dozen, Lbs.	10
Per Dozen	$5.40

Open Stock.

Oilers.

MOWING MACHINE

EXTRA HEAVY, Coppered Steel, Spring Bottom, Large Mouth.

Per Dozen

No. 600—3 in. Diameter of Bottom, 3½ in. Height of Body, 5 in. **Straight Spout**.....**$3.35**

No. 601—3 in. Diameter of Bottom, 3½ in. Height of Body, 5 in. **Bent Spout**..... **3.35**

Weight Per Dozen About 5 Pounds.

One Dozen in a Box.

EXTRA SPOUTS.

Per Dozen

No. 32—Straight, for No. 600 Oilers.....**$2.25**

No. 032—Bent, for No. 601 Oilers..... **2.25**

Weight Per Dozen About 1 Pound.

Open Stock.

Tin, Large Mouth, Reinforced Edge.

Per Dozen

No. 949—3 in. Diameter of Bottom, 3⅞ in. Height of Body, 3¾ in. **Straight Spout**.....**$1.45**

No. 0949—3 in. Diameter of Bottom, 3⅞ in. Height of Body, 3¾ in. **Bent Spout**..... **1.45**

Weight Per Dozen About 2¼ Pounds.

One Dozen in a Package.

Tin, Seamed Top and Bottom, Wide Mouth, 1⅛ in. Opening.

Per Dozen

No. 825—3 in. Diameter of Bottom, 3¾ in. Height of Body, 3½ in. Straight Spout.....**$1.35**

Weight Per Dozen About 3 Pounds.

One Dozen in a Package.

Seamless Cold Rolled Steel Body, Coppered, Spring Steel Bottom, Wide Mouth, 1⅛ in. Opening.

Per Dozen

No. 625—3 in. Diameter of Bottom, 4 in. Height of Body, 5¼ in. Straight Spout.....**$3.00**

Weight Per Dozen About 4 Pounds.

One Dozen in a Package.

FUNNEL CAN, Coppered Steel, Double Top.

Per Dozen

No. 150—3 in. Diameter of Bottom, 4 in. Height of Body, 5 in. Straight Spout.....**$3.90**

Weight Per Dozen About 3 Pounds.

One-half Dozen in a Package.

EAGLE

Large Mouth, Tin Body, Assorted Straight and Bent Spouts, 3 in. Diameter of Bottom, 3¾ in. Height of Body, 4 in. Spout.

Per Dozen

No. 77—Assorted Red and Blue, Japanned, Brass and Copper Plated, All with Tin Bottom, Weight Per Dozen About 3 Lbs.....**$1.70**

One Dozen in a Package.

Stenciled with Customer's NAME.

Per Gross

No. 77S—Assorted Red and Blue Japanned, Brass and Copper Plated, **Tin Bottom**, Weight Per Gross About 36 Lbs. **$20.00**

No. 87 —Assorted Red and Blue Japanned, Brass and Copper Plated, **Steel Bottom**, Weight Per Gross About 38 Lbs..... **22.25**

Nos. 77S and 87 Shipped Direct from Factory.

No. 77.

No. 87.

Oilers.

COPPER PLATED STEEL

Large Mouth, Cold Rolled Steel Body, Clock Spring Steel Bottom, Heavily Electro Plated, Spout Connection Turned from Solid Brass Bar Containing Cut Threads.

No. 12.

With Straight Spout.

Nos.	12	13	13A	14A	14AA	15	15A
Capacity, Pints	¼	⅓	⅓	½	½	1	1
Diameter, Inches	2¾	3⅜	3⅜	3¾	3¾	4¼	4¼
Length Spout, Inches	2½	3	5	3	5	3	5
Approx. Weight Dozen, Lbs.	2½	2⅜	3⅛	4½	4½	5½	5¾
Per Dozen	$2.00	2.50	2.70	3.35	3.60	4.15	4.35

With Bent Spout.

Nos.	14	14B	16
Capacity, Pints	⅓	½	1
Diameter, Inches	3⅜	3¾	4¼
Length Spout, Inches	9	9	9
Approximate Weight Dozen, Lbs.	3¾	4	6
Per Dozen	$2.90	3.90	4.70

Nos. 12 to 14AA, One Dozen; Balance One-ha lf Dozen in a Box.

No. 14.

EXTRA SPOUTS FOR COPPER PLATED STEEL OILERS

Straight.

Length, Inches	3	5
Per Dozen	$1.65	1.95

Bent.

Length, Inches	9	12	14	18
For Oilers Nos.	14, 14B, 16	10	111	11
Per Dozen	$2.55	3.45	5.40	4.25

Open Stock.

HOWLAND

Copper Plated, with Force Pump Attachment, Detachable Spout.

Nos.	400	402	403	405
Pints	½	1	1½	2
Diameter, Inches	3	3	4	4
Length Spout, Inches	6	10	12	16
Ap. Wt. Dozen, Lbs.	6	7¼	11	12
Per Dozen	$16.70	18.35	21.70	23.35

Delivers oil in any position. Can be used in places where ordinary oilers will not enter. Particularly recommended for machine shop use.

One-half Dozen in a Box.

MAPLE CITY

Tin, with Pump and Union Spout Connection.

Nos.	351	353	355
Pints	1	1½	2
Diameter, Inches	3	4	4
Length Spout, Inches	8	14	16
Ap. Weight Dozen, Lbs.	7¼	11	12
Per Dozen	$11.90	13.35	15.60

One-half Dozen in a Box.

RAILROAD

20 Gauge Cold Rolled Steel, Heavily Electro Copper Plated Inside and Outside, Highly Polished, Spout Connection Turned from Solid Brass Bar Containing Cut Thread.

		Per Dozen
No. 10	—1 Pint, 3⅜ in. Diameter, 5 in. High, 12 in. Bent Spout, Weight Per Dozen About 10 Lbs.	$10.50
No. 11	—1 Quart, 4⅛ in. Diameter, 6 in. High, 18 in. Bent Spout, Weight Per Dozen About 12 Lbs.	13.50
No. R111	—2 Quart, 5 in. Diameter, 8 in. High, 14 in. Extra Large Bent Spout, Measuring 1½ in. at Base, Weight Per Dozen About 16 Lbs.	15.00

One-half Dozen in a Box.

Nos. 10 and 11.

No. R111.

Bird Cages.

BRASS

No. 955.

No. 370.

Patent Removable Mat, Metal Tipped Perches, Opal Cups.

Per Dozen

No. 955—9¾x7 in. Body, 14½ in. High.....**$48.85**
No. 370—10¾x8½ in. Body, 15½ in. High..... **69.30**

Open Stock.

No. 3002.

No. 5004.

Patent Removable Mat, Metal Tipped Perches, Opal Cups.

Per Dozen

No. 3002—10⅛x7⅛ in. Body, 14 in. High.....**$42.70**

Patent Slide Fastening, Metal Tipped Perches, Opal Cups.

Per Dozen

No. 5004—9⅝x6½ in. Body, 11¾ in. High.....**$28.50**

Open Stock.

Approximate Weight Per Dozen 50 Pounds.

BRASS BIRD CAGE ASSORTMENT

Assorted Case.

Per Case

No. 108—Assortment Consists of Six Cages, Two Each Nos. 5004, 5006 and 5008.....**$17.80**

Weight Per Case About 25 Pounds.

No. 5004.

DESCRIPTION OF CASES

Patent Slide Fastening, Metal Tipped Perches, Opal Cups.

No. 5004— 9⅝x6½ in. Body, 11¾ in. High.
No. 5006—10⅜x7⅛ in. Body, 12¼ in. High.
No. 5008—10¾x7¾ in. Body, 12½ in. High.

One Assortment in a Case.

We do Not Break Assortments, for Single Cages See Above.

No. 5006.

No. 5008.

JAPANNED BIRD CAGE ASSORTMENTS

No. 150—7½x7½ in. Body, 15 in. High.
No. 160—8x8 in. Body, 15½ in. High.
No. 161—8¾x8¾ in. Body, 16½ in. High.

No. 065—9½x6½ in. Body, 15½ in. High.
No. 066—10½x7 in. Body, 16 in. High.

No. 06—8½x6 in. Body, 14½ in. High.
No. 174—10x10 in. Body, 19½ in. High.

No. 45—12x8 in. Body, 15 in. High.

No. 118—10¾x7¾ in. Body, 17 in. High.

No. 76—8¾x8¾ in. Body, 17 in. High.

No. 104—9½x9½ in. Body, 20 in. High.

ASSORTED CASE

Per Case

No. X1—Assortment, Consists of Six Cages, One Each Nos. 159, 160, 161, 06, 065 and 066, Weight Per Case About 28 Lbs.....**$ 9.10**
No. X —Assortment, Consists of Six Cages, One Each Nos. 174, 45, 118, 76, 104 and 011, Weight Per Case About 33 Lbs..... **16.80**

We do Not Break Assortments, for Single Cages See Page 1275.

No. 011 — 10½x7 in. Body, 16 in. High.

Japanned Bird Cage Assortments.

No. 167—11x7½ in. Body, 16¾ in. High.
No. 168—12¼x8¼ in. Body, 17½ in. High.

No. 017—9½x6½ in. Body, 15 in. High.

No. 177—8¾x8¾ in. Body, 17¼ in. High.
No. 024—11x7½ in. Body, 16½ in. High.

No. 062—9½x9½ in. Body, 17 in. High.
No. 066—10½x7 in. Body, 16 in. High.

No. 011—10½x7 in. Body, 16 in. High.

No. 189—10x10 in. Body, 18 in. High.

ASSORTED CASE

Per Case

No. 241—Assortment, Consists of Twelve Cages, One Each Nos. 167, 168, 017, 177, 024, 062, 066, 011, 189, 72S, 72L and 014, Weight Per Case About 61 Lbs. **$23.10**

One Assortment in a Case.

No. 014—9½x6½ in. Body, 15½ in. High.

Bird Cages Illustrated on This Page Sold in Case Lots Only, for Single Cages See Page 1275.

No. 72S—10½x7 in. Body, 14½ in. High.
No. 72L—11x7 in. Body, 15 in. High.

Nos. 027 and 028.

Nos. 029 and 145.

No. 027—9½x6½ in. Body, 16½ in. High.
No. 028—10½x7 in. Body, 17½ in. High.
No. 029—11x7½ in. Body, 18½ in. High.
No. 030—12¼x8¼ in. Body, 19 in. High.
No. 145—12¼x8 in. Body, 19 in. High.
No. 08—11x7½ in. Body, 16 in. High.
No. 09—9¾x6½ in. Body, 15½ in. High.
No. 184—10x10 in. Body, 19½ in. High.
No. 184½ — 10½x10½ in. Body, 20¼ in. High.

Nos. 08 and 09.

Nos. 184 and 184½.

No. 199—8¾x8¾ in. Body, 16½ in. High.

No. 141—11x7¾ in. Body, 18 in. High.

No. 108—10x7 in. Body, 18 in. High.

ASSORTED CASE

Per Case

No. 261—Assortment, Consists of Twelve Cages, One Each Nos. 027, 028, 029, 030, 145, 08, 09, 184, 184½, 141 and 108, Weight Per Case About 66 Lbs. **$28.50**

One Assortment in a Case.

Japanned Bird Cages.

Best Charcoal Tin Plate Rails or Cross Bands, Double Punched, Complete with Cups, Perches and Swings.

Plain Oblong Square.

Per Dozen

No. 165—9½x6½ in. Body, 15¼ in. High.....**$15.60**

No. 169—13x8¾ in. Body, 18 in. High **27.55**

Open Stock.

Square.

Per Dozen

No. 104—9½x9½ in. Body, 20 in. High **$32.00**

Open Stock.

New Style Fancy Square.

Per Dozen

No. 199—8¾x8¾ in. Body, 16½ in. High.....**$22.65**

Open Stock.

No. 012.

No. 189.

No. 066.

No. 118.

New Style Fancy Oblong Square.

Per Dozen

No. 012—11x7½ in. Body, 16½ in. High.....**$25.75**

New Style Fancy Square.

Per Dozen

No. 189—10x10 in. Body, 18 in. High.....**$27.55**

Open Stock.

New Style Fancy Oblong Square.

Per Dozen

No. 066—10½x7 in. Body, 16 in. High.....**$22.25**

Fancy Oblong Square.

Per Dozen

No. 118—10¾x7¾ in. Body, 17 in. High.....**$35.60**

Open Stock.

Approximate Weight Per Dozen 60 Pounds.

Parrot Cages.

No. 12 Tinned Wire, 1⅛ in. Spacing, Tinned Steel Rails, Plain Zinc Base.

Per Dozen

No. 85—15½ in. Diameter Body, 24 in. High.....**$69.10**

Approximate Weight Per Dozen 96 Pounds.

Open Stock.

Wheel Cages.

Japanned and Neatly Ornamented.

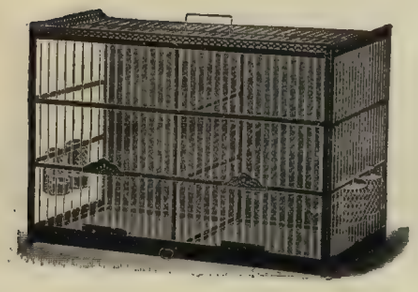
Per Dozen

No. 1500—9x13¼ in. Body, 19 in. High.....**$46.20**

Approximate Weight Per Dozen 60 Pounds.

Open Stock.

Breeding Cages.



All Metal, with Metal Drawers and Partitions, Openings in Front, Flat Back.

Per Dozen

No. 87—Body 22 in. Long, 11 in. Wide, 15¾ in. High, Weight Per Dozen About 108 Lbs. **$55.40**

Open Stock.

Squirrel Cages.

All Metal, Substantially Constructed, No. 12 Tinned Wire Wheel and Body, Finely Japanned Dome and Base, with Drawer.

Each

No. 020—Body 24 in. Long, 16 in. Wide, 22 in. High, Dome 12x12 in., Outside Wheel 12x9 in., Weight Each About 11 Lbs. **$10.70**

Open Stock.

Bird Cage Springs.

Suspension, Brass Plated Spring Wire, Patent Lock Hook.

Per Dozen

No. 428—3½ in. Over All, Weight Per Dozen ½ Lb. . **$0.25**

One Dozen in a Box.

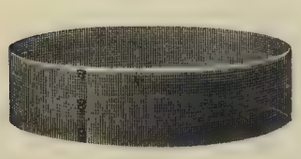
Suspension, Brass Plated Spring Wire, Patent Lock Hook, with 3 ft. Brass Ladder Chain.

Per Dozen

No. 426—3½ in. Over All, Weight Per Dozen 3 Lbs. . **$1.15**

One Dozen in a Box.

Brass Guard Cloth.



Brass, to Prevent Birds from Scattering Seed or Other Food Beyond the Cage.

Per Foot

No. 450—3½ in. Wide. **$0.34**
No. 460—5 in. Wide. ..... **.40**

50 Feet in a Box.

Bird Baths.

Opal Glass, Corrugated Pattern.

Per Dozen

No. 8—Nested, Two Sizes, 4¾x3x1½ in. and 5¼x3¼x1¾ in., Weight Per Dozen 4½ Lbs. . **$0.80**
No. 80—Large, 5¼x3¼x1¾ in., Weight Per Dozen 6 Lbs. ..... **.90**

Open Stock.

Bird Cage Cups.

For Japanned Bird Cages.

Per Dozen

No. 1886—Flint Glass, 3x2¼x1½ in., Weight Per Dozen 2 Lbs. . **$1.45**

Open Stock.

For Brass Bird Cages.

Per Dozen

No. 22—Opal Glass, Size 2¾x2x1½ in., Weight Per Dozen 2 Lbs. . **$1.45**

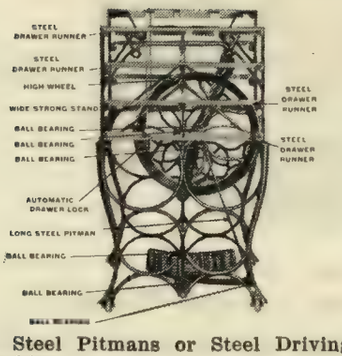
Open Stock.

Sewing Machines.

PRITZLAFF Nos. 111 and 222

Of High Character and with Startling Improvements.

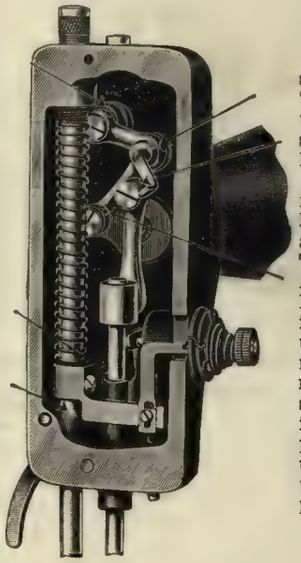
FRENCH LEG DESIGN STAND



The Stand on the Nos. 111 and 222 Pritzlaff Machines are of the French Leg Design, beautiful in appearance, and as wide at the top as at the bottom. Are of strong construction, breakage practically eliminated.

The Wooden Drawer Racks are also eliminated. The Drawers slide on Steel Runners. Steel Pitmans or Steel Driving Rods are used in these Machines.

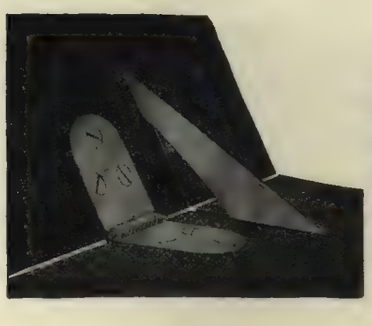
PRITZLAFF Nos. 111 and 222 HEAD



The illustration of the Head shows the Rotary Toggle Link Take-up, the Short Needle Bar, the Short Needle, the Side Tension, the Automatic Tension Release, etc.

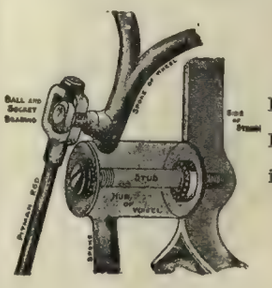
The Head is large and roomy, fitted with Square Four-Motion Feed and with all the up-to-date appliances such as the Automatic Tension Release, Disc Tension, Automatic Bobbin Winder. Large Easily Threaded Shuttle containing a large Bobbin, together with the Link Take-up gives a perfect mechanical and correct movement, making the machine run light and silently and controlling the thread in such a manner as to produce a perfect stitch. The movement of the Take-up is entirely rotary so that friction wear and noise are practically eliminated.

STEEL BAR AUTOMATIC LIFT



This machine is equipped with Dandy Automatic Lift. All that appears above the Table is a Short Steel Blade, 2 inches long. Simple and indestructible. This Lift always brings the Head Frame up flush with the Table.

BALL BEARINGS



In our Ball Bearing Devices, each Ball Bearing is set separately in a Ball Retainer so that the Ball Bearings are indestructible.

NO KEYS REQUIRED BECAUSE OF AUTOMATIC LOCKS

The Pritzlaff Nos. 111 and 222 Machines are equipped with Automatic Locking Devices so that when Head is lifted the drawers unlock automatically and when the Head is lowered lock automatically.

WOODWORK

The Woodwork throughout is built especially with a view to strength and long life and is especially selected for Quality and Material.

HIGH BALANCE WHEEL

This Wheel is hung considerably higher than on other machines. It affords a longer and more direct drive for the Pitman and makes the machine lighter running.

ATTACHMENTS

Each Machine is equipped with a complete set of Steel Attachments, consisting of One Tucker, One Quilter, One Ruffler, One Braider Foot, One Braider Plate, One Shirring Plate, One Binder, Four Hemmers and One Hemmer Foot.

Sewing Machines.

PRITZLAFF BALL BEARING

Drop Head.

With Pritzlaff Head and Automatic Tension.

Each

No. 111—6 Drawers, Complete with All Attachments. . **$43.50**

Description.

This Cabinet contains the Best Quarter Sawed Oak, supplemented by a High Lustre Finish. The French Leg Stand harmonizes with the woodwork in design. The Machine is equipped with French Leg Stand, Automatic Lift, Automatic Drawer Locks, Steel Drawer Runners, High Balance Wheel, Long Steel Pitman and **The Pritzlaff Head (see page 1277)**, with the Toggle Link Rotary Take-up, Strong Short Needle, etc.

Weight Each About 150 Pounds.

One in a Crate.

PRITZLAFF BALL BEARING

Drop Head.

With Pritzlaff Head and Automatic Tension.

Each

No. 222—4 Drawers, Complete with All Attachments. . **$40.00**

Description.

This Cabinet is made of the Best Quarter Sawed Oak, supplemented by a High Lustre Finish. The Design is on Square Lines and is rendered exceptionally beautiful by the Swell Front Table, Drawers and Panel. Is equipped with French Leg Stand, Automatic Lift, Automatic Drawer Lock, Steel Drawer Runners, High Balance Wheel, Long Steel Pitman and **The Pritzlaff Head (see page 1277).**

Weight Each About 150 Pounds.

One in a Crate.

GEM, BALL BEARING

Drop Head.

With Improved Head Mechanism and Automatic Tension.

Each

No. 333—6 Drawer, Complete with All Attachments. . . **$36.00**

Description.

The Cabinet is a Full Six Drawer Panel Front Case, Solid Oak, Golden Oak Finish, equipped with French Leg Stand, High Balance Wheel, Long Steel Pitman, Steel Drawer Runners, Automatic Locks and Automatic Bar Lift.

The Head Mechanism is improved, the Upper Tension is on Top of Arm, the height of which is 5½ inches. The Head has Self-Threading Shuttle, Self-Setting Needle, Four Motion Square Feed, Automatic Bobbin Winder and Automatic Pulley Release.

Weight Each About 150 Pounds.

One in a Crate.

DELIGHT, BALL BEARING

Drop Head.

With Full Size Head and Steel Wire Automatic Lift.

Each

No. 444—Four Drawer, Complete with All Attachments **$29.00**

Description.

The Cabinet is Full Size Four Drawer Panel Front, Solid Oak, Golden Oak Finish, equipped with French Leg Stand, High Balance Wheel, Long Steel Pitman, Steel Drawer Slides, Steel Wire Automatic Lift. The Drawers require Key which is furnished.

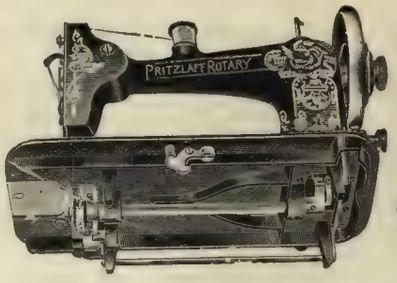
The Head is full size, High Arm, 5½ inches Under Arm.

Weight Each About 150 Pounds.

One in a Crate.

Sewing Machines.

PRITZLAFF ROTARY, BALL BEARING



Under View Pritzlaff Rotary Head. Upper View Pritzlaff Potary Head.

Automatic Drop Head.

Hand Polished Quarter Sawed Oak, Mission Style.

Each

No. 500—Six Drawers, 18 in. Tape Line Inlaid in Front of Table, Complete with All Attachments $49.00

Features of Unusual Merit Embodied in the Pritzlaff Rotary.

Automatic Tension, which adjusts itself instantaneously, without changing, to any size thread and to any kind of material—from the lightest chiffon to the heaviest woolen.

It is absolutely impossible to clog the Improved Pritzlaff Rotary, no matter how adverse the conditions may be. The Bobbin Case is easily and readily removed.

Convenience in Oiling—In the Improved Pritzlaff Rotary we have reached the long desired goal of oiling all working parts from above. It is, therefore, unnecessary for the user to go to the trouble of turning back the sewing head when oiling.

Roller Bearing Spool Pins—The Improved Pritzlaff Rotary has two spool pins with roller bearings at the bottom to prevent thread from snarling and breaking off while sewing at high speed. The spool pin used in winding bobbins is fitted with a guard at the top so it is impossible for the spool to "jump" the pin.

Improved Presser Foot—This is so constructed that it will feed over the thickest seams with ease, and at the same time it will not pucker or mar the finest silk or chiffon.

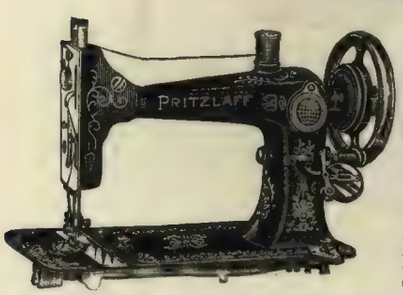
Speed—The Improved Pritzlaff Rotary is geared to produce four and one-half stitches to each revolution of the belt wheel. It is much faster than vibrating machines and is no slower than any other machine of its type.

The general equipment of the Improved Pritzlaff Rotary is of the very finest and is quite in keeping with the high standard of excellence characterizing the sewing head. The cabinet work is attractive in design, handsome in appearance, and superior in construction and finish. The attachments are the highest quality Greist—their efficiency and quality have never been questioned. The ball bearing stand is attractively designed, strongly constructed, easy and quiet in operation.

One in a Crate.

Weight Each About 150 Pounds.

PRITZLAFF, BALL BEARING, THE HIGHEST GRADE

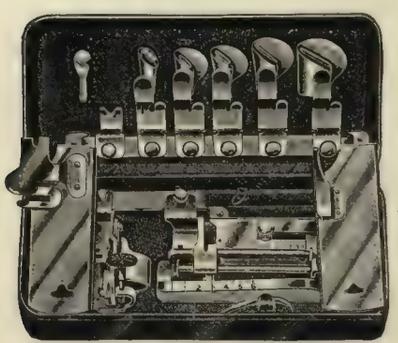


Upper View of Pritzlaff (Vibrator) Head.

Warranted for Ten Years.

This machine has an extra high arm, allowing ample room underneath for handling heavy materials. It is well finished in black baking enamel with imported decalcomania decorations and makes the reliable, time tested, double lock stitch. The improvements are many, including the Self-Regulating Tension with Automatic Release; Gear Releasing Device; Automatic Bobbin Winder; Steel Capped Needle Bar; Double Width Steel Forged, Four Motion Feed; Self-Threading Shuttle; Self-Setting Needle, and Automatic Stitch Regulator. All working parts are made of the finest quality steel, and will last a lifetime.

Under View of Pritzlaff (Vibrator) Head.



Pritzlaff Steel Foot Attachments.

ATTACHMENTS FOR PRITZLAFF AND NEW SPLENDID

Attachments are the most important feature of a Family Sewing Machine, and without perfect working and easily operated attachments no machine can be considered first-class.

Our attachments are guaranteed without reserve, superior to those of any other make, regardless of what is claimed for them or the style of machine they are supplied with. Each and every piece is made of solid steel, polished and nickel plated. All are made interchangeable and designed to attach to the presser bar of machine.

PRITZLAFF STEEL FOOT ATTACHMENTS

Supplied without Extra Charge in Highly Polished Velvet Lined Metal Box.

Our Steel Foot Attachments furnished free consist of Ruffler, Tucker, Binder, Braider, Four Hemmers of Different Widths, Feller, Shirring Slide, Cloth Guide, Six Bobbins, Twelve Needles, Two Screw Drivers, Oil Can and Illustrated Book of Instructions.

Sewing Machines.

PRITZLAFF, BALL BEARING

No. 1000.

Oak Desk Cabinet, with Pritzlaff Vibrating Shuttle and Sewing Head, and Automatic Tension.

Each

No. 1000—Complete with All Attachments.....**$50.00**

Description.

Fully enclosed, hand polished, quartered oak cabinet, with tested chain and lever Automatic Lifting Device and mounted with the Pritzlaff Vibrating Shuttle Machine, fully described on preceding page, with Automatic Tension. It is equipped with high grade, easy running Stand Wheel with large Treadle and steel Pitman and with each machine is furnished free of charge, a complete set of nickel plated steel foot attachments packed in black enamel, velvet lined metal box, and all necessary sewing accessories and instruction book.

Weight Each About 140 Pounds.

One in a Crate.

Drop Head.

With Pritzlaff Vibrating Shuttle Sewing Head and Automatic Tension.

Each

No. 300—6 Drawers, Complete with All Attachments.....**$43.50**

Description.

The Case is of attractive Colonial design. Only the very finest of selected quarter sawed oak veneers being used in construction and the entire finish is of the highest grade and hand polished. Equipped with special cable and lever Automatic Lifting Device and easy running, ribbon design, black enamel ball bearing Stand, with polished steel Pitman and belt retaining wheel guard. The very finest of attachments are furnished absolutely free, and are complete in every detail.

Weight Each About 130 Pounds.

One in a Crate.

No. 300.

No. 555.

Drop Head.

With Pritzlaff Vibrating Shuttle Sewing Head and Automatic Tension.

Each

No. 555—4 Drawers, Complete with All Attachments.....**$39.50**

Description.

The Case is handsomely designed, well constructed, of the full drop apron pattern, and is made throughout of selected quarter sawed oak, hand polished. It has four large side drawers, transfer tape measure applied to front of table, and is equipped with tested steel cable, Automatic Lifting Device.

The Stand is of Ribbon Design, ball bearing, finished with brilliant black enamel and equipped with steel Pitman and Belt Retaining Wheel Guard.

The finest quality of nickel plated steel foot attachments packed in substantial velvet lined black enamel metal box accompanies each machine.

Weight Each About 128 Pounds.

One in a Crate.

Sewing Machines.

PRITZLAFF, BALL BEARING

No. 14.

Drop Head.

With Pritzlaff Vibrating Shuttle Sewing Head.

Each
No. 14—4 Drawers, with Attachments.....**$34.50**

DESCRIPTION.

This **Pritzlaff** Model No. 14 is one of the easiest running, quietest and most perfect Vibrating Shuttle Machines manufactured. It is an exceedingly handsomely designed, well constructed, full drop front cabinet, the apron drop front and lid being made of selected quarter sawed oak. Drawers are of large size, substantially equipped with brass drawer pulls and the head is brought up to position when desired by means of the Automatic Lifting Device.

The Stand is substantial, handsomely finished with black enamel, is ball bearing and equipped with belt retaining wheel guard.

The finest quality of nickel plated steel foot attachments are furnished with this model.

Weight Each About 120 Pounds.

One in a Crate.

BEAUTY, HIGH ARM, BALL BEARING

Warranted for Ten Years.

Drop Head.

With High Arm, Double Lock Stitch Sewing Head.

Each
No. 666—5 Drawers, with Attachments.....**$29.00**

DESCRIPTION.

High Arm, Double Lock Stitch Sewing Head with many improvements. Improved Oak Drop Head Case of excellent quality equipped with an Automatic Lifting Device for elevating sewing head to position.

The Stand is ball bearing and runs easily, quietly and swiftly. The attachments furnished free of charge are of excellent grade and are packed in a substantial velvet lined box.

Weight Each About 125 Pounds.

One in a Crate.

No. 666.

NEW SPLENDID

No 014.

Drop Head.

With Good Size Double Lock Stitch Sewing Head.

Each
No. 014—5 Drawers, with Attachments.....**$24.50**

DESCRIPTION.

The Sewing Head is of good size, and makes the reliable double lock stitch. The Case is built of good quality oak and has a high varnish finish. When not in use, the sewing head rests in a dust proof case from which it may be raised to position with one motion of the arm. This Machine has the following up-to-date features and conveniences: Releasing Device on Hand Wheel, Self-Setting Needle, Double Feed, Self-Threading Shuttle.

With each machine we furnish a full set of substantial steel foot attachments packed in a neat box and accompanied by a book of directions covering their use and care.

Weight Each About 120 Pounds.

One in a Crate.

Sewing Machine Needles.

"GEM" ASSORTMENT

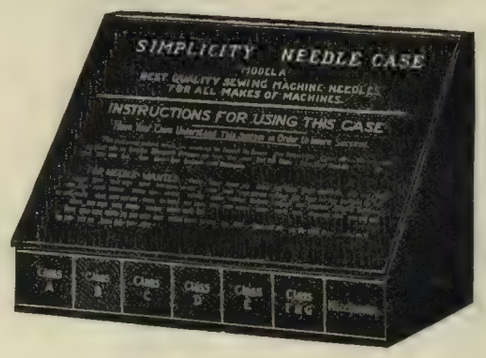
In Lithographed Steel Case with names of the various machines on back. Opposite each name is the Style No. of Needle.

Per Case

Gem Assortment—Contains 160 Papers, 2 Needles of a Kind in Each Paper. Suitable for all Makes of Sewing Machines on the Market. Weight Per Assortment 1¾ Lbs. **$8.90**

The Case can be hung on the wall or placed in show case.
One Assortment in a Package.

"SIMPLICITY" ASSORTMENT



In Heavy Gauge Reinforced Tin Case, Finished in Four Colors. Dimensions 6½x6½x9½ inches, with an Alphabetically Arranged Interchangeable Needle List on Inner Side of Cover. Opposite each name is the Class Letter Designating Style of Needle Required for Particular Machine.

Per Case

Simplicity Assortment—Contains 132 Papers; 2 Needles of a Kind in a Paper. Suitable for All Makes of Sewing Machines. Weight Per Case About 3 Lbs..... **$8.90**
This case is a quick and profitable Counter Seller.
One Assortment in a Box.

Sewing Machine Needles.

Best Quality

Per 100

No. X—Needles for Pritzlaff, Beauty and New Splendid Sewing Machines, Weight Per 100 3 Oz... **$3.35**

Twenty-five in a Package.

Sewing Machine Belts.

Best Quality Oak Tan, Round.

Per Dozen

No. 2—For Pritzlaff, Beauty and New Splendid Drop Head Sewing Machines, Weight Per Doz. 1 Lb. **$2.25**

Open Stock.

Sewing Machine Oil.

CLIMAX

Extra Quality, Refined, Specially Adapted for Sewing Machines, Bicycles, Etc.

Nos.	4	5
Size of Bottle, Oz.	1½	3
Weight Per Dozen, Lbs.	4	6¼
Per Dozen	$0.90	1.80

One Dozen in a Carton.

Sewing Machine Bobbins.

Steel, Nickel Plated.

Per Dozen

No. 1—For Pritzlaff, Beauty and New Splendid Sewing Machines, Weight Per Dozen 6 Oz..... **$0.80**

One Dozen in a Box.

Sewing Machine Shuttles.

Steel, Nickel Plated.

Per Dozen

No. 10—For Pritzlaff Sewing Machines..... **$10.75**
No. 20—For Beauty High Arm Sewing Machines..... **10.75**
No. 30—For New Splendid Sewing Machines..... **10.75**
Weight Per Dozen 1½ Lbs.
One-half Dozen in a Box.

Step Ladders.

STANDARD

With Shelf and Shelf Lock, Good Material, Nailed Steps and Risers.

Length, Feet	4	5	6
Wt. Each Abt., Lbs.	12	14	16
Each	$0.85	1.00	1.20

Length, Feet	7	8
Wt. Each Abt., Lbs.	20	26
Each	$1.35	1.50

SECURITY

With Shelf and Perfection Lock. Made of Strictly Clear Seasoned Norway Pine, with Extra Wide Steps and Top. Full Looped Malleable Ears, Every Step Rodded and Trussed, so that Ladder is constantly being drawn together when the Weight is on the Step. Has All Steel Bound Braces.

Length, Feet	3	4	5	6
Wt. Ea. Abt., Lbs.	11	14	16	20
Each	$1.35	1.78	2.25	2.70

Length, Feet	7	8	10	12
Wt. Ea. Abt., Lbs.	25	28	36	43
Each	$3.15	3.60	4.50	5.35

Open Stock.

BADGER

With Shelf and All Steel Lock. Made of Clear Seasoned Norway Pine. Every Step Rodded, Steel Ears. A good Medium Priced Ladder.

Length, Feet	4	5	6
Wt. Each Abt., Lbs.	13	15	19
Each	$1.42	1.78	2.15

Length, Feet	7	8	10
Wt. Each Abt., Lbs.	22	26	35
Each	$2.50	2.85	3.60

PARIS

PARIS

With Shelf.

Straight Grained Hardwood Standards, Basswood Steps, Clear Spruce Back Standards, Locked Joints.

Length, Feet	3	4	5	6
Wt. Ea. Abt., Lbs.	11	15	17	20
Each	$1.70	2.25	2.80	3.35

Length, Feet	7	8	10
Wt. Ea. Abt., Lbs.	23	27	35
Each	$3.90	4.50	5.60

CHALLENGE

With Shelf.

White Ash Standards, Basswood Steps, Spruce Back Standards, Joints Locked with Bolts, Tinned Steel Clip Under Head and Nut Prevents All Liability of Splitting.

Length, Feet	6	7	8	10
Wt. Ea. Abt., Lbs.	21	24	27	37
Each	$4.30	5.00	5.70	7.10

Length, Feet	12	14	16
Wt. Ea. Abt., Lbs.	44	56	66
Each	$10.50	11.25	13.90

Open Stock.

CHALLENGE

Long Ladders.

Made of First-Class Stock, with Hickory Rungs, Well Fastened to Sides.

Length, Feet	10	12	14
Approx. Weight Each, Lbs.	20	24	28
Each	$2.00	2.40	2.80
Length, Feet	16	18	20
Approx. Weight Each, Lbs.	32	36	40
Each	$3.20	3.60	4.00

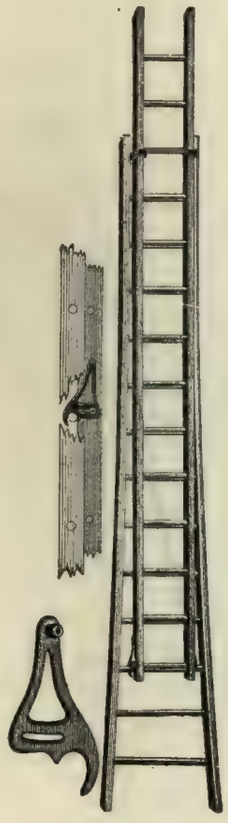
Open Stock.

Extension Ladders.

Made of First-Class Stock, Hickory Rungs, Double Roller, Malleable Iron Gravity Drop Hooks with Lug.

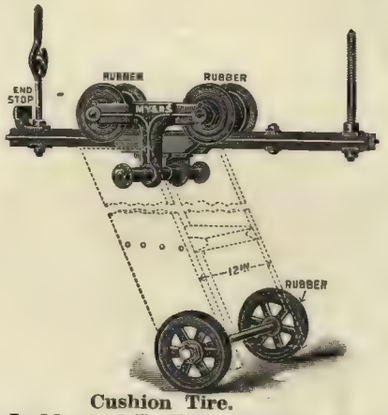
Length, Feet	24	26	28	30	32
Approx. Weight Each, Lbs.	60	65	70	75	80
Each	$6.40	6.94	7.48	8.02	8.56
Length, Feet	34	36	38	40	42
Approx. Weight Each, Lbs.	85	90	95	100	105
Each	$9.10	9.64	10.18	10.72	11.26

Open Stock.



Rolling Shelf Ladders.

MYERS' TROLLEY



Cushion Tire. **Each**

No. 100—Myers' Ladder and Trolley, Complete, Ready to Put Up, Average Weight, Crated, 60 Lbs. **$22.25**

Track for Above Ladders. **Per Foot**

Track—For Myers' Ladders, Complete with Hangers **$0.34**

Description.

The Ladder is constructed of the best clear Georgia Pine, nicely finished, filled and varnished; has open panel sides, 5 inches wide, with 5 inch steps. Each step is supported at each end with special malleable dowel tee, which makes the strongest construction possible. The width of the ladder is 12 inches.

The Trolley is self-adjusting and made of malleable iron fitted with turned steel bearings and 3 inch anti-rattler wheels, turned and bored on lathe and fitted with **rubber tires.**

The Track is double angle steel rail, which is very neat and strong, and is suspended from ceiling by means of lag screws, either jointed or rigid or by flanged plates and wood screws. By this means the track is placed close to the ceiling and can be leveled on an uneven ceiling without the least trouble and without any blocking or bridging, as is the case in many other tracks.

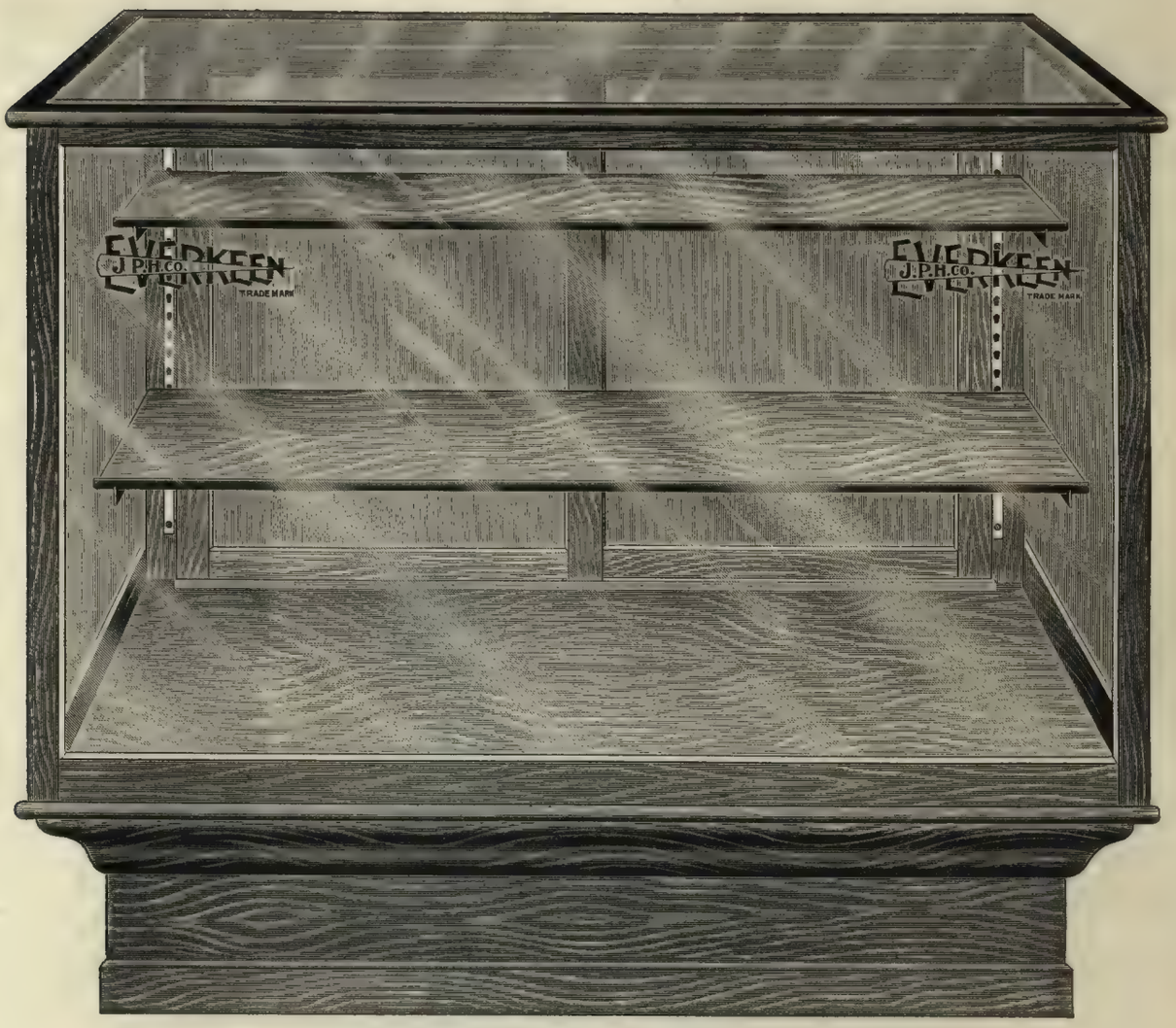
The Floor Travelers are 5 inches in diameter, composed of metal sides with **rubber cushion tires** clamped in such a position as to be impossible to get off or come loose. These wheels are placed on a steel axle which revolves with one of the wheels, the other running loose. In this manner the ladder will adjust itself to the floor. With this style trolley **which is noiseless,** a great objection in other ladders is overcome.

When the ladder is not the proper length for ceiling, cut off at the bottom and replace the lower traveler shaft by boring new holes at the proper point so as to have the steps of the ladder level.

DIRECTIONS FOR ORDERING STORE LADDERS

Give the exact Height of Ceiling and the Length of Each Track, and the Fitting will be done at the Factory. If the Height of the Ceiling varies give the Height of Ceiling at Each End and Center of Each Run of Track.

Floor Show Cases.



No. E463—Narrow Frame Display Case.

Lettered EVERKEEN

42 in. High, 25 in. Wide, Top Frame 1 in. Wide at the Front and Ends, Kiln Dried White Oak Frame, Light Golden Oak Finish, Varnished, Hand Rubbed and Highly Polished, Hardwood Base, Double Strength Glass Front, Sides and Doors, ½ in. Bevel Plate Glass Top, One 10 in. and One 14 in. Hardwood Shelf on Nickel Plated Adjustable Shelf Brackets, Ball Bearing Sliding Doors, Running on Steel Track.

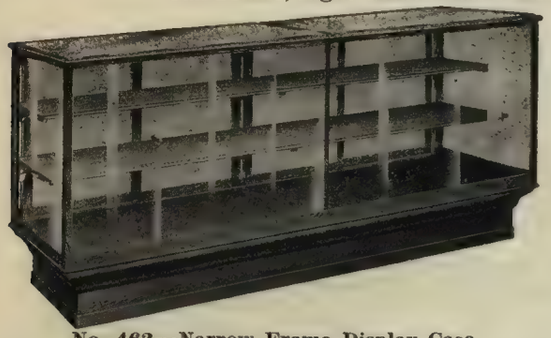
Length, Feet	4	5	6	7	8	9	10
Approximate Weight Each, Lbs.	200	250	300	350	400	450	500
Each	$51.00	55.60	66.70	77.80	88.90	100.00	111.15

The 4 and 5 ft. Cases have One Light Top and Front; 6 to 10 ft. Cases have Two Light Top and Front.

We Carry in Stock 4 ft. Only, Balance Shipped F. O. B. Factory, Grand Rapids, Mich.

Floor Show Cases.

Oak Frame, Light Golden Oak Finish, Varnished, Hand Rubbed and Highly Polished.



No. 463—Narrow Frame Display Case.

42 in. High, 25 in. Wide, Top Frame 1 in. Wide at the Front and Ends, Kiln Dried White Oak Frame, Hardwood Base, Double Strength Glass Front, Sides and Doors, ½ in. Bevel Plate Glass Top, One 10 in. and One 14 in. Hardwood Shelf on Nickel Plated Adjustable Shelf Brackets, Ball Bearing Sliding Doors Running on Steel Track.

Length, Feet.	4	5	6	7	8
Weight, Lbs..	200	250	300	350	400
Each	$51.00	55.60	66.70	77.80	88.90
Length, Feet.		9	10	11	12
Weight, Lbs..		450	500	550	600
Each		$100.00	111.15	122.25	133.35

No. 30463—Sanitary Base Narrow Frame Display Case.

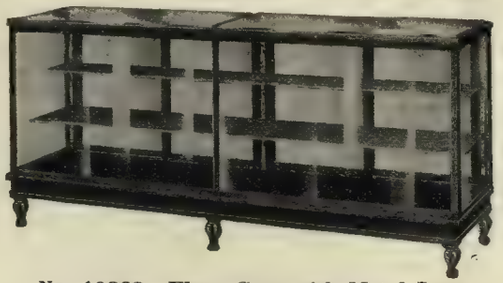
42 in. High, 25 in. Wide, Top Frame 1 in. Wide at the Front and at the Ends, Kiln Dried White Oak Frame, Case Rests on Sanitary Base with Veneered Feet on Brass Sockets, Double Strength Glass Front, Sides and Doors, ½ in. Bevel Plate Glass Top, One 10 in. and One 14 in. Hardwood Shelf on Nickel Plated Adjustable Shelf Brackets, Ball Bearing Sliding Doors Running on Steel Track.

Length, Feet.	4	5	6	7	8
Weight, Lbs..	240	300	360	420	480
Each	$51.00	55.60	66.70	77.80	88.90
Length, Feet.		9	10	11	12
Weight, Lbs..		540	600	660	720
Each		$100.00	111.15	122.25	133.35

No. 863—Receding Base Floor Case.

42 in. High, 25½ in. Wide, Kiln Dried Oak Frame, Hardwood Base, Double Strength Glass Front, Single Strength Sides and Doors, ½ in. Bevel Plate Glass Top, One 10 in. and One 14 in. Hardwood Shelf on Nickel Plated Adjustable Shelf Brackets, Ball Bearing Sliding Doors Running on Steel Track.

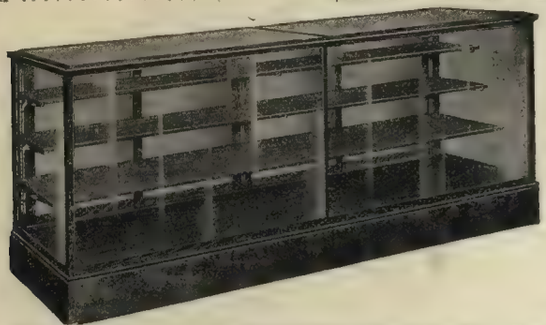
Length, Feet	4	5	6	7
Weight Each, Lbs....	200	250	300	350
Each	$49.40	50.00	60.00	70.00
Length, Feet		8	9	10
Weight Each, Lbs....		400	450	500
Each		$80.00	90.00	100.00



No. 10863—Floor Case with Metal Legs.

42 in. High, 25½ in. Wide, Kiln Dried Oak Frame, Case Rests on Oxidized Copper Plated Metal Feet, 6 in. High, Cases Under 6 ft. have 4 Legs, 6 ft. and Over 6 Legs, Double Strength Glass Front, Single Strength Sides and Doors, ½ in. Bevel Plate Glass Top, One 10 in. and One 14 in. Hardwood Shelf on Nickel Plated Adjustable Shelf Brackets, Ball Bearing Sliding Doors Running on Steel Track.

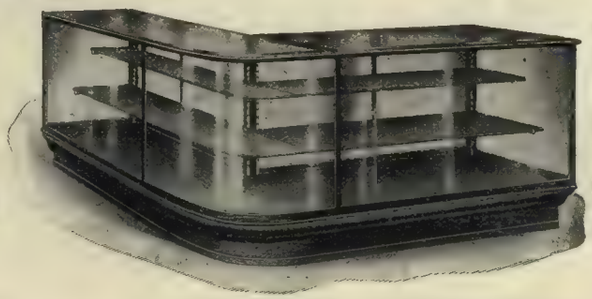
Length, Feet	4	5	6	7
Weight Each, Lbs....	200	250	300	350
Each	$49.40	50.00	60.00	70.00
Length, Feet		8	9	10
Weight Each, Lbs....		400	450	500
Each		$80.00	90.00	100.00

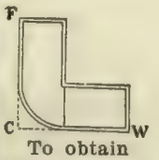


No. 763—Narrow Frame, Marble Base Display Case.

42 in. High, 25 in. Wide, Top Frame 1 in. Wide at the Front and Ends, Kiln Dried Oak Frame, 8 in. Tennessee Marble Base with Rounded Top, Double Strength Glass Front, Sides and Doors, ⅛ in. Plate Glass Top, Three Hardwood Shelves, One Each 10, 12 and 14 in., on Nickel Plated Adjustable Shelf Brackets, Ball Bearing Sliding Doors Running on Steel Track.

Length, Feet.....	4	5	6	8	10
Wt. Each, Lbs...	240	300	360	480	600
Each	$65.70	75.00	90.00	120.00	150.00





To obtain length, measure from F to C and from C to W.

No. 463L—Oval Corner L Case.

42 in. High, 25 in. Wide, Top Frame 1 in. Wide at the Front and Ends, Kiln Dried White Oak Frame, Hardwood Base, Double Strength Oval Front, Sides and Doors, Two Piece ½ in. Bevel Plate Glass Top, Three Light Front, One 10 in. and One 14 in. Hardwood Shelf on Nickel Plated Adjustable Brackets, Ball Bearing Sliding Doors Running on Steel Track.

Length Feet (6 ft. Each Way).....	12
Weight Each, Lbs.....	600
Each	$133.35

NOTE—The 4 and 5 ft. Cases have One Light Top and Front; 6 to 10 ft. Cases, Two Light Top and Front, and 12 ft. Cases, Three Light Top and Front.

Nos. 463, 30463, 863, 10863 and 763 Cases are Shipped Knocked Down; No. 463L Case is Shipped Set Up, F. O. B. Factory.

Counter Show Cases.

SQUARE, PLAIN CORNER

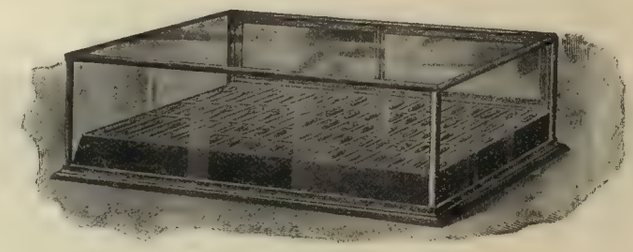
No. 1—Oak, Golden Oak Finish, Straight Front, Extra Heavy Mouldings, Double Strength Glass Top, Full Size Mirror Sliding Doors.
Dimensions: 28 in. Wide at Base, 15 in. High.

Length, Feet	3	4	5	6	8	10
Wt. Each, Lbs...	75	100	125	150	200	250
Each	$11.70	16.15	17.80	20.00	27.25	34.50

The 3 ft. Cases have Spring Hinge Doors, 3 and 4 ft. Cases have One Light Top and Front, 5 to 8 ft. Cases Two Light Top and Front, 10 ft. Case Three Light Top and Front.

One in a Crate.

CUTLERY



Oak, Golden Oak Finish, Plush Lined Raised Platform on Inside of Case, 4 in. High, Top of Same Divided into Spaces for Cutlery, Two Sliding Doors in Back Fitted with Full Size Mirror, Two Drawers Sliding Under Platform Divided into Compartments.

Each

No. 55—4½ ft. Long, 17 in. High, 28 in. Wide at Base, Has 12 Spaces for Shears, 4 Spaces for Razors and 54 Spaces for Cutlery, Weight Each About 120 Lbs. **$40.00**

One in a Crate.

Cash Registers.

STANDARD

Quarter-Sawed Oak Case, Highly Finished.

Each

No. 1—20x20 in. Top, 8½ in. High, Large and Roomy Drawer, with Penny Cup, into which All Small Change is Dropped Through a Slot in the Lid, Weight Each About 45 Lbs. **$42.25**

Quarter-Sawed Oak Case, Highly Finished, with Nickel Plated Rail and Rubber Coin Mat.

Each

No. 2—20x20 in. Top, 15¾ in. High to Top of Railing, Large and Roomy Drawer with Penny Cup and Slot, into which All Small Change is Dropped Through a Slot in the Lid, Weight Each About 55 Lbs. **$51.10**

Register Paper, for Nos. 1 and 2 Standard Registers, Weight Per Dozen About 28 Lbs. ..... Per Dozen Rolls **$5.40**

The Drawer of the Standard Cash Register cannot be opened without knowing the combination. The combination lock of four keys can be set 16 different ways. The drawer opens automatically, sounding an alarm at the same time.

Money Drawers.

No. 502.

TUCKER'S ALARM

Oak Front, Varnished, Drawer Gained, Heavy Construction, Varnished Tray and Interior Woodwork, Improved Lock, Thirty-two Changes.

Each

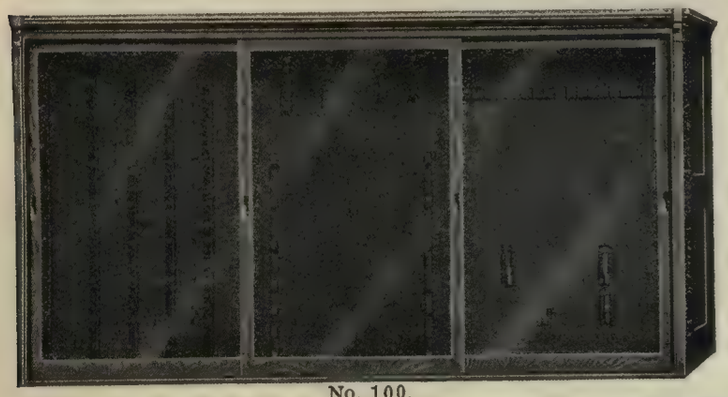
No. 502—Size Over All 4¾ in. Thick, 16¼ in. Deep, 18¼ in. Wide, 3⅝ in. Coin Bowls, 3½x8 in. Bill Spaces, Weight Each About 13 Lbs. **$3.60**

One-half Dozen in a Crate.

Duluth Hardware Store Fixtures.

Built of the Best Grade of Materials, Select Kiln Dried Woods and the Highest Grade of Stains and Varnishes, by Skilled Cabinetmakers. The Exterior Parts are Made of White Oak and the Interior of White Wood. All Exterior Hardware is Brush Brass Finish. All Interior Hardware is Nickel Plated. The Standard Finish is Medium Oak. **Shipping Weights are Approximate.**

CABINETS



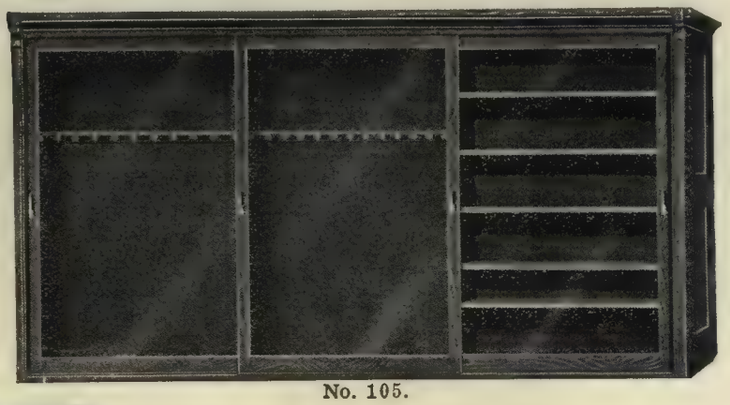
No. 100.

Arranged as Desired for the Display of Hatchets, Hammers, Planes, Bit Braces, Saws, Squares, Etc.

Each

No. 100—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 500 Lbs.....**$111.15**

Furnished with the necessary Racks and Brackets. The Doors are Glazed with Double Strength "A" Quality Glass and slide on Ball Bearing Rollers and Steel Track. The Back is lined with Rich Green Felt.



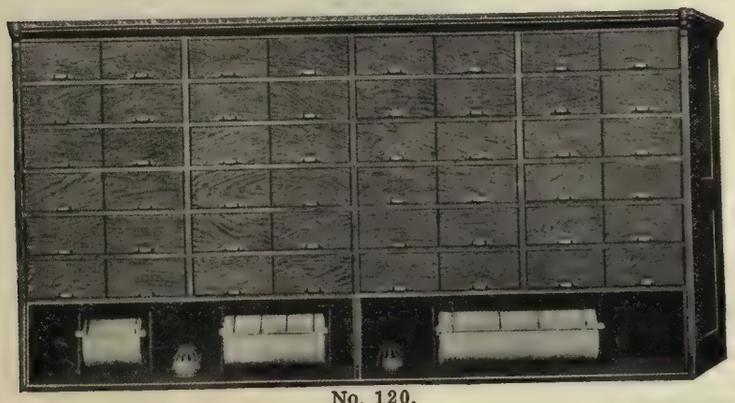
No. 105.

Arranged as Desired for the Display of Guns and Ammunition.

Each

No. 105—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 525 Lbs.....**$106.60**

The Cabinet as shown has two-thirds arranged with Gun Racks for Single and Double Barrel Guns and one-third with Adjustable Shelves for Shells and Metallic Goods. The Doors are glazed with Double Strength "A" Quality Glass and slide on Ball Bearing Rollers and Steel Track. The Back is lined with Rich Green Felt.



No. 120.

Complete with Drawers, 16 in. Long.

Each

No. 120—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 450 Lbs.....**$115.50**

The Lower Section left open provides a space for Wrapping Goods and is used where a Clear Floor Space is desired in front of Shelving. The Upper Sections contain Forty-eight 6x12 in. Oak Front Steel Drawers.

Complete with Drawers, 16 in. Long.

Each

No. 125—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 575 Lbs.....**$143.25**

This Cabinet contains forty-eight 6x12 in. and twenty-four 4x12 in. Oak Front Steel Drawers. Sample Boards for Lock Sets are interchangeable into other sections.

No. 125.

NOTE—The above prices include End Panels; if End Panels ar e not wanted deduct **$6.70** from List.

Above Fixtures Shipped F. O. B. Duluth, Minn.

Duluth Hardware Store Fixtures.

CABINETS

No. 135.

Complete with Drawers, 16 in. Long.

Each

No. 135—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 675 Lbs.....**$128.00**

This Cabinet contains thirty-two 6x12 in., eight 6x6 in., eight 6x18 in. and eight 6x24 in. Oak Front Steel Drawers, which are interchangeable into other sections.

No. 140.

Complete with Drawers, 16 in. Long.

Each

No. 140—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 725 Lbs.....**$136.25**

This Cabinet contains forty 6x6 in., sixteen 6x12 in., eight 6x18 in. and eight 6x24 in. Oak Front Steel Drawers, which are interchangeable into other sections.

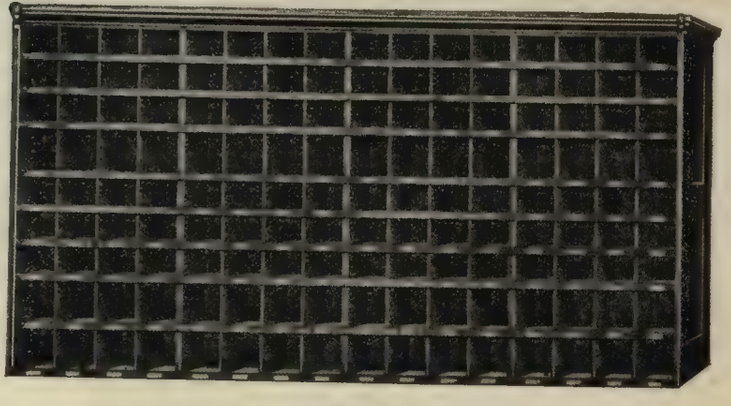
No. 145.

Complete with Drawers, 16 in. Long.

Each

No. 145—Cabinet, 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 825 Lbs.....**$165.20**

This Cabinet contains sixty-four 2⅝x6 in., thirty-two 2⅝x12 in., thirty-two 6x6 in. and sixteen 6x12 in. Oak Front Steel Drawers, which are interchangeable into other sections.



No. 155.

With Removable Partition Slides.

Each

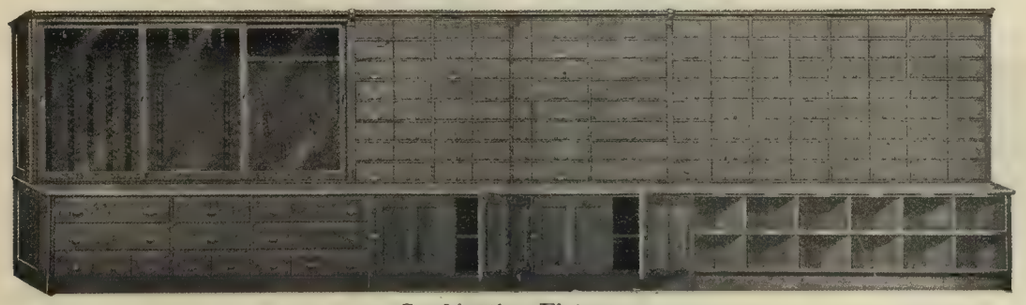
No. 155—Bolt Cabinet 57½ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 550 Lbs.....**$100.00**

This Cabinet contains 144 Flat Bottom Bins made by Stationary Upright Supports, between which all partitions slide in a groove 6 in. apart and are removable so that the width of the Bins can be made any size desired up to 24 in.

NOTE—The above prices include End Panels; if End Panels are not wanted, deduct **$6.70** from List.

Above Fixtures Shipped F. O. B. Duluth, Minn.

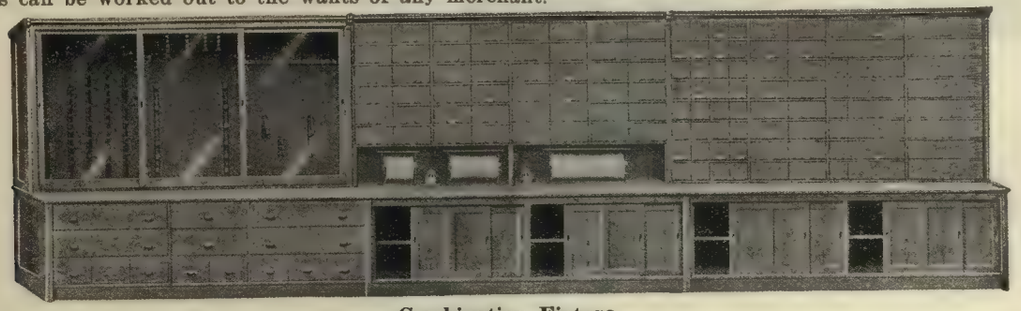
Duluth Hardware Store Fixtures.



Combination Fixture. Each

No. 106—7½ ft. High, 25 ft. 3⅛ in. Long, Approximate Shipping Weight 3072 Lbs.....**$568.50**

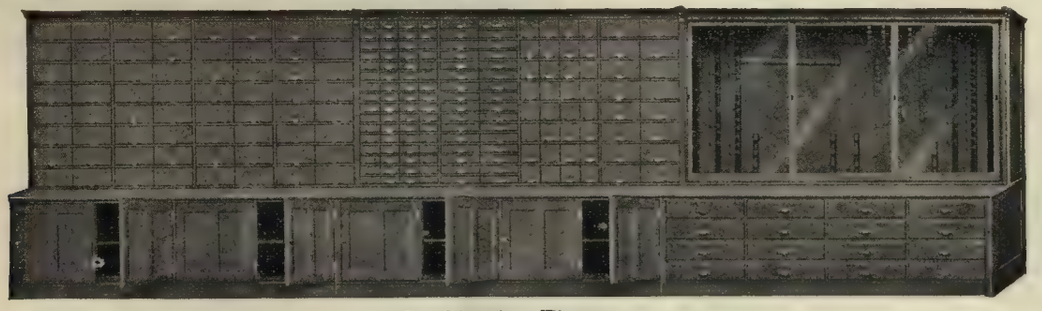
The above illustration shows a continuous arrangement of fixtures, comprising **three cabinets**, Nos. 100, 135 and 130; **two Cabinet End Panels**, No. 20; **three Bases**, Nos. 205, 245 and 275; and **two Base End Panels**, No. 30. An unlimited number of combinations can be worked out to the wants of any merchant.



Combination Fixture. Each

No. 116—7½ ft. High, 25 ft. 3⅛ in. Long, Approximate Shipping Weight 2857 Lbs.....**$558.70**

The above illustration shows a continuous arrangement of fixtures, comprising **three Cabinets**, Nos. 100, 120 and 140; **two Cabinet End Panels**, No. 20; **three Bases**, Nos. 205, 240 and 240, and **two Base End Panels**, No. 30. An unlimited number of combinations can be worked out to the wants of any merchant.



Combination Fixture. Each

No. 126—7½ ft High, 25 ft. 3⅛ in. Long, Approximate Shipping Weight 3207 Lbs.....**$607.20**

The above illustration shows a continuous arrangement of fixtures, comprising **three Cabinets**, Nos. 130, 145 and 100; **two Cabinet End Panels**, No. 20; **three Bases**, Nos. 245, 245 and 225; and **two Base End Panels**, No. 20. An unlimited number of combinations can be worked out to the wants of any merchant.

SECTIONAL WALL SHELVING

All exposed parts are of Select White Oak, finished in Medium Oak Waxed Finish. Shelves and interior parts are made of Whitewood. The Base is 32½ in. high, 29¼ in. deep; the Upper Shelving 57½ in. high, 16⅜ in. deep, making the combined height of the Shelving and Base 7 ft. 6 in. The width of the Counter Ledge is 30¼ in., making all dimensions of the Shelving correspond exactly with that of a Cabinet and Base, so that the Shelving may be used in connection with them. The Panel Ends are the same as used on a Cabinet and Base and are removable. Shelves adjustable and additional Shelves can be purchased at any time, making the Shelves adaptable for use with the Duluth Standard Patented Steel Shelf Box.

Per Running Foot

No. 500 —Without Backing .....**$ 7.80**

No. 500W—With ⅜ in. Whitewood V Joint Backing **10.00**

No. 500.

NOTE—The above price does not include end panels; if wanted with end panels, add **$5.00 net.** Above shelving carried in stock in 8, 10 and 12 foot lengths; shorter lengths made to order only at additional price. Shipped Knocked Down.

Approximate Shipping Weight Per Running Foot 75 Pounds.

Above Fixtures, Shipped F. O. B. Duluth, Minn.

Duluth Hardware Store Fixtures.

CABINET WITH DISPLAY DOORS

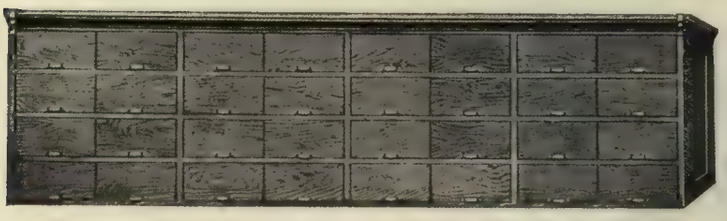
Complete with drawers 14 in. long, and equipped with sample display doors 2 in. deep, which set in flush with the outside of the cabinets. These doors are constructed of Oak, finished both sides to match the cabinets and each is hung with three 3x3 in. heavy butts, Brush Brass finish and equipped with a substantial combination catch and handle.

The back of each door is constructed of a three ply hardwood veneer panel, the front of which is lined with a good quality of green felt, although red or black can be furnished without extra charge, and the back is finished to match the balance of the Cabinet. These panels are held in place by nickel plated clips and are easily removable so as to facilitate the changing of the displays on the boards. The hardware contained in the drawers back of the door is sampled on the sample boards, making a most attractive display and adding to the general appearance of the fixtures. The drawers which are used in Cabinets equipped with display doors are not furnished with pulls, but instead have finger holes cut in the fronts so that they are easily pulled out, and at the same time saving the space that a pull would take up between the front of the drawer and the back of the door.

	Each
No. 170—Same Style as No. 120 Drawer Cabinet, but Fitted with Four Sample Display Doors Covering only the Sections Fitted with Drawers, Approximate Shipping Weight 500 Lbs.	**$171.00**
No. 175—Same Style as No. 125 Drawer Cabinet, but Fitted with Four Sample Display Doors, Approximate Shipping Weight 625 Lbs.	**187.60**
No. 185—Same Style as No. 135 Drawer Cabinet, but Fitted with Four Sample Display Doors, Approximate Shipping Weight 725 Lbs.	**172.25**
No. 190—Same Style as No. 140 Drawer Cabinet, but Fitted with Four Sample Display Doors, Approximate Shipping Weight 775 Lbs.	**180.40**
No. 195—Same Style as No. 145 Drawer Cabinet, but Fitted with Four Sample Display Doors, Approximate Shipping Weight 875 Lbs.	**209.60**

NOTE—If Above Cabinets are Wanted with Doors 3 in. Deep and Glazed with D. S. A. Glass Fronts, Add **$22.25** to List Price. The Above Prices Include End Panels; if End Panels are not Wanted, Deduct **$6.70** from List.

One-Half Height Cabinets.



No. 115½.

Complete with Drawers, 16 in. Long.

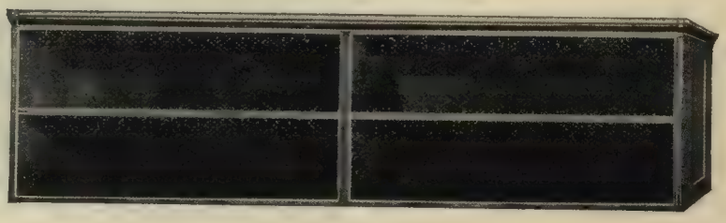
	Each
No. 115½—One-half Height Cabinet, 2 ft. 4¾ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 330 Lbs.	**$67 00**

This Cabinet contains thirty-two 6x12 in. Oak Front Steel Drawers. When placed on top of a full height Cabinet and Base the total height will be 9 ft. 10¾ in. Other heights in this Cabinet can be furnished when necessary to suit any height ceiling.

Open Shelving Cabinet.

	Each
No. 130½—2 ft. 4¾ in. High, 8 ft. 3⅞ in. Long, 16⅜ in. Deep, Approximate Shipping Weight 235 Lbs.	**$30.00**

This Cabinet is fitted with one Stationary Wood Shelf the full length of the fixture. When placed on top of a Full Height Cabinet and Base, the total height of the Fixture will be 9 ft. 10¾ in. Other heights in this Cabinet can be furnished when necessary to suit any height ceiling.



No. 130½.

NOTE—The Above Prices Include End Panels; if End Panels are not Wanted, Deduct **$2.25** from List.

Above Fixtures Shipped F. O. B. Duluth, Minn.

Duluth Hardware Store Fixtures.

BASES AND COUNTERS

Nos. 200 and 400.

Contains Three 8x24 in. and Six 8x36 in. Oak Front Drawers.

	Each
No. 200—Base, 32½ in. High, 8 ft. 3⅞ in. Long, 29¼ in. Deep, Approximate Shipping Weight 425 Lbs.	$ 77.80
No. 400—Counter, Same as Above, but with Solid Oak Tops, Paneled Front and Ends, Approximate Shipping Weight 425 Lbs.	100.00

Nos. 210 and 410.

Contains Twelve 8x24 in. Oak Front Drawers.

	Each
No. 210—Base, 32½ in. High, 8 ft. 3⅞ in. Long, 29¼ in. Deep, Approximate Shipping Weight 450 Lbs.	$ 78.85
No. 410—Counter, Same as Above, but with Solid Oak Top, Paneled Front and Ends, Approximate Shipping Weight 450 Lbs.	101.15

Nos. 240 and 440.

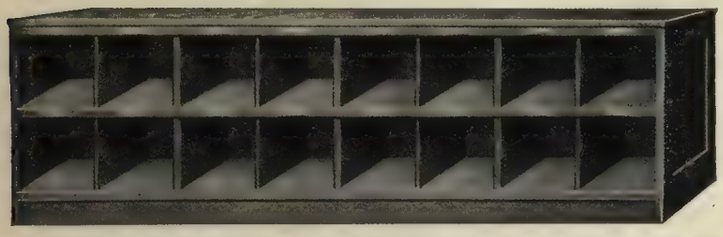
Equipped with Four Oak Paneled Sliding Doors, Fitted with Ball Bearing Rollers and Slide on Steel Track, One Stationary Wood Shelf.

	Each
No. 240—Base, 32½ in. High, 8 ft. 3⅞ in. Long, 29¼ in. Deep, Approximate Shipping Weight 335 Lbs.	$67.75
No. 440—Counter, Same as Above, but with Solid Oak Top and Paneled Front and Ends, Approximate Shipping Weight 335 Lbs.	90.00

Nos. 250 and 450.

Open Front, One Full Length Stationary Shelf.

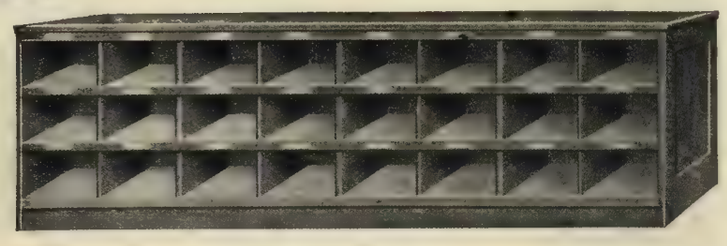
	Each
No. 250—Base, 32½ in. High, 8 ft. 3⅞ in. Long, 29½ in. Deep, Approximate Shipping Weight 300 Lbs.	$46.60
No. 450—Counter, Same as Above, but with Solid Oak Top, Paneled Front and Ends, Approximate Shipping Weight 300 Lbs.	68.85



Nos. 255 and 455.

Contains 16 Open Flat Bottom Bins.

	Each
No. 225—Base, 32½ in. High, 8 ft. 3⅞ in. Long, 29¼ in. Deep, Approximate Shipping Weight 350 Lbs.	$52.20
No. 455—Counter, Same as Above, but with Solid Oak Top and Paneled Front and Ends, Approximate Shipping Weight 350 Lbs.	74.40



Nos. 260 and 460.

Contains Twenty-four 8x12 in. Open Flat Bottom Bins.

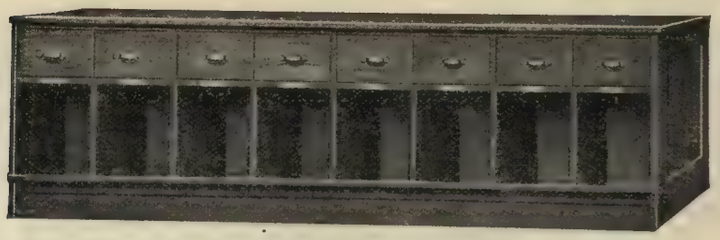
	Each
No. 260—Base, 32½ in. High, 8 ft. 3⅞ in. Long, 29¼ in. Deep, Approximate Shipping Weight 410 Lbs.	$60.00
No, 460—Counter, Same as Above, but with Solid Oak Top, Paneled Front and Ends, Approximate Shipping Weight 410 Lbs	82.15

NOTE—The above prices include End Panels; if End Panels are not wanted deduct $4.50 from List.

Above Fixtures, Shipped F. O. B. Duluth, Minn.

Hardware Store F xtures.

DULUTH BASES AND COUNTERS



Nos. 270 and 470.

Contains Eight 8x12 in. Oak Bottom Steel Drawers and Eight 12x16 in. Slanting Bottom Nail Bins.

Each

No. 270—**Base,** 37½ in. High, 8 ft. 3⅞ in. Long, 29½ in. Deep, Approximate Shipping Weight 400 Lbs. ..... **$ 80.60**

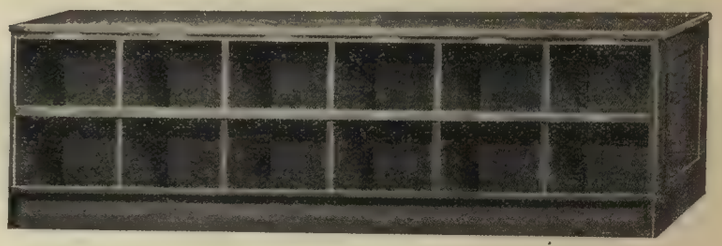
No. 470—**Counter,** Same as Above, but with Solid Oak Top and Paneled Front and and Ends **102.80**

Contains Twelve 10x16 in. Slanting Bottom Nail Bins.

Each

No. 275—**Base,** 37½ in. High, 8 ft. 3⅞ in. Long, 29½ in. Deep, Approximate Shipping Weight 350 Lbs. **$60.00**

No. 475—**Counter,** Same as Above, but with Solid Oak Top and Paneled Front and Ends, Approximate Shipping Weight 350 Lbs. **82.20**



Nos. 275 and 475

NOTE—The Above Prices Include End Panels; if End Panels are not Wanted, Deduct **$4.50** from List.

DULUTH SCREW AND BOLT CASES

No. 300.

All Exposed Parts Made of Oak, Finished in Medium Oak, Wax Finish.

Each

No. 300—45 in. High, 25½ in. Wide, 12 in. Deep, Ap. Shipping Weight 160 Lbs. **$44 50**

This Cabinet has 60 Oak Front Steel Drawers; 32 3x3 in., 24 4x4 in. and 4 6x6 in. Each drawer is equipped with pull and label holder.

DULUTH DRILL, TAP AND DIE CASES

No. 315.

All Exposed Parts Made of Oak, Medium Oak, Wax Finish.

Each

No. 315—42½ in. High, 29⅞ in. Wide, 14 in. Deep, Ap. Shipping Weight 160 Lbs. **$51.10**

This Cabinet has 41 Oak Front Steel Drawers, divided by Steel Detachable Divisions into 220 compartments. Each drawer is equipped with pull and label holder.

Above Fixtures Shipped F. O. B. Duluth, Minn.

DULUTH GLASS RACK

No. 167.

Made of Oak in Two Sections, Medium Oak, Wax Finish, to Set in Rear of Store.

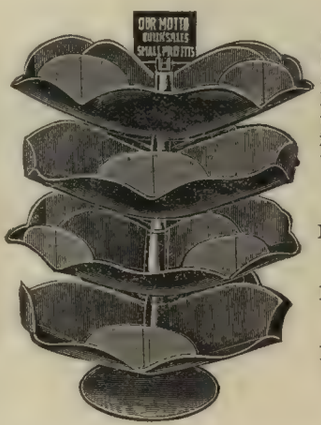
Each

No. 167—7½ ft. High, 63½ in. Long, 31½ in. Deep, Ap. Shipping Weight 400 Lbs. **$133.35**

This Rack will accommodate the usual stock of glass carried from 6x8 in. up to 30x48 in.

Shipped F. O. B. Duluth, Minn.

ECLIPSE REVOLVING NAIL BINS



20 Gauge Sheet Steel Bins, Best Steel Tubing Stem, Each Section Works Independently and is Swung on Finely Adjusted Ball Bearings, Each Section Contains Bins which are Protected in Front by Wings, thereby Preventing Nails from Falling Out.

Without Scales.

Each

No. 23—3 Sections, 15 Bins, Wt. Each About 250 Lbs. ..... **$ 77.80**

No. 24—4 Sections, 20 Bins, Wt. Each About 300 Lbs. **91.10**

No. 25—5 Sections, 25 Bins, Wt. Each About 350 Lbs. **105.50**

Each

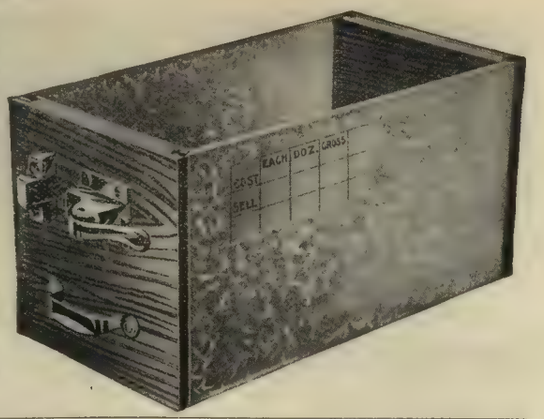
Extra Scales—For Use with Above Nail Bins..... **$11.15**

Shipped F. O. B. Wellston, Ohio.

Duluth Hardware Boxes.

Galvanized Steel, with Oak Front.

Constructed without the use of brads, nails, screws or glue. The Drawers have ¾ in Oak Fronts and Birch Backs, Medium Oak Finish. Sides and Bottoms are formed of one piece Galvanized Steel, Top Edges are double turned to strengthen them against buckling. An Enameled Depression on one side near the front is used to mark the cost and selling prices. Each Drawer furnished with Brass Pull.



Nos.	Width, Inches	Depth, Inches	Length, Inches	Price Each	Nos.	Width, Inches	Depth, Inches	Length, Inches	Price Each	Nos.	Width, Inches	Depth, Inches	Length, Inches	Price Each
332	3	3	12	$0.34	334	3	3	14	$0.40	336	3	3	16	$0.47
432	4	3	12	.35	434	4	3	14	.41	436	4	3	16	.48
532	5	3	12	.36	534	5	3	14	.42	536	5	3	16	.50
632	6	3	12	.38	634	6	3	14	.45	636	6	3	16	.52
732	7	3	12	.40	734	7	3	14	.50	736	7	3	16	.58
832	8	3	12	.42	834	8	3	14	.52	836	8	3	16	.60
442	4	4	12	.38	444	4	4	14	.45	446	4	4	16	.54
542	5	4	12	.40	544	5	4	14	.50	546	5	4	16	.58
642	6	4	12	.42	644	6	4	14	.52	646	6	4	16	.60
742	7	4	12	.47	744	7	4	14	.56	746	7	4	16	.65
842	8	4	12	.49	844	8	4	14	.60	846	8	4	16	.72
552	5	5	12	.47	554	5	5	14	.56	556	5	5	16	.65
652	6	5	12	.52	654	6	5	14	.62	656	6	5	16	.74
752	7	5	12	.53	754	7	5	14	.64	756	7	5	16	.76
852	8	5	12	.58	854	8	5	14	.70	856	8	5	16	.80
952	9	5	12	.64	954	9	5	14	.78	956	9	5	16	.92
1052	10	5	12	.72	1054	10	5	14	.85	1056	10	5	16	.98
1252	12	5	12	.74	1254	12	5	14	.89	1256	12	5	16	1.04
1552	15	5	12	.82	1554	15	5	14	.98	1556	15	5	16	1.14
1852	18	5	12	.96	1854	18	5	14	1.16	1856	18	5	16	1.36
2052	20	5	12	1.04	2054	20	5	14	1.28	2056	20	5	16	1.50
2452	24	5	12	1.16	2454	24	5	14	1.40	2456	24	5	16	1.60
3052	30	5	12	1.40	3054	30	5	14	1.64	3056	30	5	16	1.92
562	5	6	12	.53	564	5	6	14	.64	566	5	6	16	.76
662	6	6	12	.58	664	6	6	14	.70	666	6	6	16	.80
762	7	6	12	.62	764	7	6	14	.76	766	7	6	16	.89
862	8	6	12	.67	864	8	6	14	.80	866	8	6	16	.94
962	9	6	12	.74	964	9	6	14	.89	966	9	6	16	1.04
1062	10	6	12	.80	1064	10	6	14	.96	1066	10	6	16	1.12
1262	12	6	12	.84	1264	12	6	14	1.02	1266	12	6	16	1.20
1562	15	6	12	.94	1564	15	6	14	1.10	1566	15	6	16	1.30
1862	18	6	12	1.06	1864	18	6	14	1.30	1866	18	6	16	1.52
2062	20	6	12	1.16	2064	20	6	14	1.40	2066	20	6	16	1.60
2462	24	6	12	1.24	2464	24	6	14	1.50	2466	24	6	16	1.72
3062	30	6	12	1.52	3064	30	6	14	1.82	3066	30	6	16	2.14
3662	36	6	12	1.80	3664	36	6	14	2.14	3666	36	6	16	2.50

The following Drawers are fitted with Lengthwise Steel Divisions, enough to divide the Box into Compartments 3 in. wide. Boxes 10 in. and 20 in. have same number as next smaller size.

Nos.	Width, Inches	Depth, Inches	Length, Inches	Price Each	Nos.	Width, Inches	Depth, Inches	Length, Inches	Price Each	Nos.	Width, Inches	Depth, Inches	Length, Inches	Price Each
932	9	3	12	$0.47	934	9	3	14	$0.56	936	9	3	16	$0.64
1032	10	3	12	.52	1034	10	3	14	.62	1036	10	3	16	.74
1232	12	3	12	.56	1234	12	3	14	.67	1236	12	3	16	.78
1532	15	3	12	.64	1534	15	3	14	.76	1536	15	3	16	.89
1832	18	3	12	.76	1834	18	3	14	.92	1836	18	3	16	1.06
2032	20	3	12	.84	2034	20	3	14	1.02	2036	20	3	16	1.20
2432	24	3	12	.98	2434	24	3	14	1.18	2436	24	3	16	1.38
3032	30	3	12	1.16	3034	30	3	14	1.38	3036	30	3	16	1.60
942	9	4	12	.54	944	9	4	14	.64	946	9	4	16	.76
1042	10	4	12	.62	1044	10	4	14	.76	1046	10	4	16	.89
1242	12	4	12	.64	1244	12	4	14	.82	1246	12	4	16	.94
1542	15	4	12	.72	1544	15	4	14	.84	1546	15	4	16	.98
1842	18	4	12	.84	1844	18	4	14	1.02	1846	18	4	16	1.20
2042	20	4	12	.94	2044	20	4	14	1.14	2046	20	4	16	1.34
2442	24	4	12	1.06	2444	24	4	14	1.30	2446	24	4	16	1.52
3042	30	4	12	1.28	3044	30	4	14	1.54	3046	30	4	16	1.80

Boxes 3 in. Deep Weigh from ¾ to 6¾ Pounds Each. Boxes 5 in. Deep Weigh from 1¾ to 8¼ Pounds Each.
Boxes 4 in. Deep Weigh from 1¼ to 8 Pounds Each. Boxes 6 in. Deep Weigh from 2 to 9¾ Pounds Each.

DEPARTMENT No. 6

ENAMELED STEEL WARE

JAPANNED AND GALVANIZED WARE

PIECED AND STAMPED TINWARE

COPPER AND NICKEL PLATED WARE

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT No. 6

ENAMELED STEEL WARE

JAPANNED AND GALVANIZED WARE
PIECED AND STAMPED TINWARE
COPPER AND NICKEL PLATED WARE
ALUMINUM WARE, TINNERS' TRIMMINGS, CAST STOVE HOLLOW WARE, ROASTERS

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

J.P.H.CO.
EVERKEEN
TRADE MARK

INDEX.

A

PAGE

Aerators—Milk 1466
Aluminum Ware .....1439 to 1445
Angel Cake Pans..... 1477
Animal Plates 1478
Apple Corers 1456
Asbestos Stove Mats..... 1490
Ash Cans 1430
Ash Covers 1430
Assortments—
  Dripping Pan 1491
  Pot Cover 1483

B

Baby Bath 1404
Baby Food Cups..... 1420
Bags—Pastry 1488
Bailed Griddles.1440, 1486, 1488, 1490
Bake Pans—
  Garnet Enameled 1424
  Porcelain White and White 1402
Basins—
  Garnet Enameled 1427
  Wash, Galvanized 1428
  Wash, Polar Blue and White 1404
  Wash, Porcelain White and White 1404
  Wash, Royal Enameled... 1418
  Wash, Stamped Tin 1477
Basting Spoons—
  Aluminum 1443
  Garnet Enameled 1425
  Porcelain White and White 1403
  Polar Blue and White.... 1407
  Royal Enameled 1415
  Stamped Tin 1481
Baths—
  Baby 1404
  Foot, Galvanized 1432
  Foot, Garnet Enameled... 1427
  Foot, Japanned 1427
  Foot, Royal Enameled.... 1419
  Hip 1437
  Infant, Galvanized 1432
  Infant, Japanned 1437
  Infant, Porcelain White and White 1404
  Plunge 1437
Bean Pots 1450
Beaters—Hotel Egg or Sponge.. 1473
Beating Bowls—Hotel 1473
Bed Pans—
  Porcelain White and White 1404
  Royal Enameled 1419
Beet Slicers 1445
Berlin Kettles—
  Aluminum 1440, 1441
  Garnet Enameled 1422
  Polar Blue and White.... 1406
  Porcelain White and White 1401
  Royal Enameled 1411
Berlin Sauce Pans—
  Garnet Enameled 1422
  Royal Enameled 1412
Berlin Sauce Pots.....1412, 1422
Berlin Tea Pots..... 1401
Bins—Flour 1433
Biscuit Cutters 1445, 1458
Biscuit Pans 1478
Boiler Covers 1483
Boiler Handles 1483
Boilers—
  Camp 1455
  Coffee, Pieced Tin..... 1455
  Coffee, Garnet Enameled.. 1420
  Coffee, Porcelain White and White 1405
  Coffee, Royal Enameled.. 1409
  Double 1471
  Fish, Royal Enameled.... 1410
  Ham 1488
  Milk or Rice, Aluminum.. 1439, 1441

B

PAGE

Boilers—*Continued.*
  Milk, Garnet Enameled... 1421
  Milk, Polar Blue and White 1405
  Milk, Porcelain White and White 1401
  Milk, Royal Enameled... 1419
  Wash, Coppered 1452
  Wash, Galvanized 1431
  Wash, Pieced Tin 1454
Bond Boxes 1435
Bottoms—
  Cream Can 1470
  Pail 1470
  Setter 1470
Bowls—
  Beating, Hotel 1473
  Gravy, Porcelain White and White 1402
  Mixing, Garnet Enameled. 1424
  Mixing, Polar Blue and White 1406
  Mixing, Porcelain White and White 1401
  Scotch 1487, 1488
  Seamless, Royal Enameled 1413
  Soup, Garnet Enameled... 1424
  Soup, Polar Blue and White 1407
  Soup, Porcelain White and White 1402
  Soup, Royal Enameled... 1413
  Sugar, White and White.. 1402
  Wash, Garnet Enameled.. 1427
  Wash, Galvanized 1428
  Wash, Polar Blue and White 1408
  Wash, Porcelain White and White 1404
  Wash, Royal Enameled... 1418
  Wash, Stamped Tin 1477
Bowls and Pitchers..... 1418
Box Graters 1459
Boxes—
  Bond 1435
  Bread 1433
  Cake 1433
  Cash 1435
  Deed 1435
  Dredge 1434
  Flour 1433
  Lunch 1436
  Pepper 1434
  Sugar 1434
Bread Boxes 1433
Bread Cabinet 1433
Bread Makers 1471
Bread Pans ...1414, 1424, 1442, 1457
Bread Raisers 1406, 1412, 1423, 1473, 1474
Bread Raiser Covers 1474
Breast Handles—Milk Can..... 1470
Brush Cases 1452
Buckets—
  Covered, Garnet Enameled 1426
  Covered, Pieced Tin 1462
  Covered, Polar, Blue and White 1408
  Covered, Porcelain White and White 1404
  Covered, Royal Enameled. 1417
  Dinner, Enameled 1428
  Dinner, Garnet 1426
  Dinner, Pieced Tin..1461, 1462
  Dinner, Royal Enameled.. 1417
  Fire, Galvanized 1429
  Flaring, Pieced Tin..... 1464
  Water, Galvanized 1429
  Water, Garnet 1426
  Water, Royal Enameled.. 1417
Butter Dishes—Porcelain White and White 1402
  Bread 1433

C

PAGE

Cabinets—
  Cake 1433
  Pot Cover 1483
Cake Boxes 1433
Cake Closets 1433
Cake Makers 1471
Cake Moulds 1440, 1477
Cake Pans 1457, 1477
Cake Spoons 1425, 1481
Cake Turners—
  Combination 1483
  Hotel 1473
  Tinned 1482
  Steel 1482
Campaign Torches 1462
Camp Coffee Boilers..... 1455
Camp Kettles 1432
Can Stock—Milk 1469
Can Screws—
  Milk 1469
  Zinc 1484
Candlesticks 1438, 1462
Cans—
  Ash 1430
  Carrying 1465
  Coffee or Tea..... 1434
  Cream 1465
  Factory Milk 1468, 1469
  Garbage 1430
  Milk .....1467 to 1469
  Oily Waste 1430
  Railroad Milk 1467, 1468
  Sprinkling 1428, 1460
  Syrup 1464
  Waste 1430
Canisters—Tea and Coffee..... 1434
Carrying Cans 1465
Cases—
  Brush and Comb..... 1452
  Comb 1434
Cash Boxes 1435
Cash Box Trays 1435
Casseroles 1450
Cast Gem Pans.....1440, 1489
Cast Stove Hollow Ware..1485 to 1489
Cement Pails 1429
Cereal Cookers—Garnet Enameled 1421
Chafing Dish Forks 1449
Chafing Dish Grate Hangers..... 1450
Chafing Dish Spoons 1449
Chafing Dishes 1449, 1450
Chamber Covers—
  Garnet Enameled 1427
  Polar, Blue and White... 1408
  Porcelain White and White 1404
  Royal Enameled 1419
Chamber Pails—
  Galvanized 1432
  Japanned 1437
  Garnet Enameled 1427
  Polar, Blue and White... 1408
  Porcelain White and White 1404
  Royal Enameled 1419
Chambers—
  Garnet Enameled 1427
  Polar, Blue and White.... 1408
  Porcelain White and White 1404
  Royal Enameled 1419
Cheese Cake Pans..... 1457
Children's Mugs 1416
Children's Sets—Aluminum 1444
Chinese Strainers—Hotel 1473
Closets—Cake 1433
Cloth—Brass Strainer 1484
Cocoa Shape Dippers..... 1425
Coffee Boilers—
  Garnet Enameled 1420
  Polar, Blue and White... 1405
  Pieced Tin 1455
  Royal Enameled 1409
Coffee Cake Pans—
  Aluminum 1442
  Hand Made Tin..... 1479

C

PAGE

Coffee Canisters 1434
Coffee Flasks—
Pieced Tin 1458
Royal Enameled 1410
Coffee Pots—
Aluminum 1439, 1441
Garnet Enameled 1420
Nickel Plated 1446
Polar, Blue and White:... 1405
Porcelain White and White 1401
Pieced Tin 1455
Royal Enameled 1409
Coffee Percolators .....1445 to 1449
Coffee Percolating Machines.1448, 1449
Colanders—
Aluminum 1442
Garnet Enameled 1424
Hotel 1473
Pieced Tin 1456
Polar, Blue and White... 1407
Porcelain White and White 1402
Royal Enameled 1415
Stamped Tin 1474
Comb and Brush Cases..... 1452
Comb Cases 1434
Combination Sauce Pans..... 1439
Commode Pails—
Galvanized 1432
Porcelain White and White 1404
Consumers—Sanitary 1430
Convex Kettles—Royal Enameled 1411
Cookers—
Cereal 1421
Steam 1471
Cookey Cutters 1445, 1458
Cooking Sets—Children's 1444
Coolers—Milk 1466
Copper Ware 1452, 1453
Corers—Apple 1456
Corn Cake Pans—
Garnet Enameled 1424
Royal Enameled 1413
Stamped Tin 1478
Cover Handles—Milk Can 1470
Cover Knobs 1482
Covered Buckets—
Garnet Enameled 1426
Pieced Tin 1462
Polar, Blue and White... 1408
Porcelain White and White 1404
Royal Enameled 1417
Covers—
Ash Can 1430
Boiler 1485
Bread Raiser 1474
Chamber, Polar, Blue and White 1408
Chamber, Porcelain White and White 1404
Chamber, Royal Enameled 1419
Cream Can 1470
Kettle 1406, 1443
Pot 1472, 1483
Pot, Royal Enameled..... 1410
Sauce Pan 1406, 1473
Sauce Pot 1472
Setter 1470
Wash Boiler 1483
Cream Can Bottoms 1470
Cream Can Covers 1470
Cream Can Gauges 1469
Cream Cans 1465
Cream Ladles 1476
Cream Pitchers — White and White 1402
Cream Separators 1465
Cream Stirrer and Sampler..... 1466
Crumb Pans and Brushes..... 1434
Crumb Tray and Brushes..... 1434
Crumb Tray and Scrapers..... 1452
Cullenders—
Garnet Enameled 1424
Polar, Blue and White.... 1407
Porcelain White and White 1402
Royal Enameled 1415
Cup Dippers 1416, 1425, 1473

C

PAGE

Cups—
Aluminum 1445
Baby Food 1420
Children's 1416
Drinking, Aluminum 1443
Drinking, Garnet 1426
Drinking, Pieced Tin 1460
Drinking, Polar Blue and White 1407
Drinking, Royal Enameled 1416
Drinking, Stamped Tin... 1477
Drinking, Porcelain White and White 1403
Marking 1456
Measuring, Aluminum ... 1443
Measuring, Royal Enameled 1416
Measuring, Tin 1459
Molasses 1434
Mustard, White and White. 1402
Nested Cups 1443
Pieced, Royal Enameled.. 1416
Straight, Garnet 1426
Straight, Polar Blue and White 1407
Straight, Royal Enameled. 1416
Straight, Stamped Tin.... 1477
Straight, Porcelain White and White 1403
Cups and Saucers....1407, 1416, 1426
Cuspidors—
Cast Iron 1438
Garnet Enameled 1427
Japanned 1438
Nickel Plated 1453
Polar Blue and White.... 1408
Royal Enameled 1419
Cutters—
Biscuit 1445, 1453
Cake 1452
Cookey 1445, 1458
Doughnut 1445, 1458

D

Dairy Pails 1463
Decorating Tubes 1489
Deed Boxes 1435
Deep Handles—
Stamped Tin 1476
Royal Enameled 1415
Deep Roast Pans..... 1491
Dinner Buckets—
Garnet Enameled 1426
Pieced Tin 1461, 1462
Royal Enameled 1418
Dinner Horns 1434
Dinner Pails—
Enameled 1418, 1426, 1428
Garnet Enameled 1426
Pieced Tin 1461, 1462
Royal Enameled 1418
Dinner Plates—
Polar Blue and White.... 1407
Porcelain White and White 1402
Royal Enameled 1414
Dippers—
Cocoa Shape 1425
Cream 1476
Cup, Garnet Enameled... 1425
Cup, Royal Enameled..... 1416
Cup, Stamped Tin..... 1476
Family 1473
Flaring, Royal Enameled. 1416
Galvanized 1423
Laundry, Galvanized 1428
Laundry, Stamped Tin.... 1476
Suds, Pieced 1460
Water, Aluminum 1442
Water, Galvanized 1428
Water, Garnet 1426
Water, Pieced Tin 1460
Water, Polar Blue and White 1408
Water, Porcelain White and White 1403

D

PAGE

Dippers—*Continued.*
Water, Royal Enameled... 1416
Water, Stamped Tin..... 1476
Dish Pans—
Garnet Enameled 1423
Hotel 1473
Polar Blue and White.... 1406
Porcelain White and White 1403
Royal Enameled 1412
Tin Stamped 1474
Dishes—
Butter 1402
Chafing 1449, 1450
Soap, Garnet Enameled... 1427
Soap, Polar Blue and White 1408
Soap, Porcelain White and White 1404
Soap, Royal Enameled.... 1418
Double Boilers 1471
Douche Pans 1404, 1409
Doughnut Cutters 1445, 1458
Drainers—Sink 1417, 1424
Dredge Boxes 1434
Drinking Cups—
Aluminum 1445
Flaring 1426
Garnet Enameled 1426
Pieced Tin 1460
Polar, Blue and White.... 1407
Porcelain White and White 1403
Royal Enameled 1416
Stamped Tin 1477

E

Ears—
Kettle 1484
Molleable Iron 1484
Pail 1484
Tea Kettle 1484
Wrought 1484
Egg Beaters—Hotel 1473
Egg Kettle—Hotel 1472
Egg Slicers 1445
Egg Timers 1445
Electric Chafing Dish 1449
Electric Grill 1449
Electric Percolating Machines... 1449
Electric Percolator 1449
Electric Toaster 1449
Extra Finish Stove Hollow Ware. 1486, 1487

F

Factory Can Handles 1470
Factory Can Stock 1469
Factory Milk Cans 1468, 1469
Family Dippers 1476
Family Scoops 1480
Figures—Milk Can 1470
Fillers—
Fruit Jar 1416, 1443, 1480
Lunch Box 1434
Fire Pails 1429
Fireless Cooker Pots — Royal Enameled 1411
Fish Rack—Savory Roaster..... 1492
Fish Boilers—Royal Enameled... 1419
Flaring Dippers 1416
Flaring Pails 1464
Flasks—
Coffee 1458
Coffee, Royal Enameled.. 1410
Flat Skimmers—
Stamped Tin 1474
Royal Enameled 1415
Flesh Forks 1473, 1481
Flour Bins 1433
Flour Bins and Sifters..... 1433
Flour Cans 1433
Folding Lunch Boxes..... 1436
Foot Baths—
Galvanized 1432
Garnet Enameled 1427
Japanned 1437
Royal Enameled 1419
Foot Warmers 1490

F

PAGE

Forks—
- Chafing Dish 1449
- Flesh 1473, 1481

French Model Scoops..... 1480

Fruit Jar Fillers—
- Aluminum 1443
- Royal Enameled 1416
- Stamped Tin 1480

Fry Pans—
- Acme 1490
- Aluminum 1442
- Garnet Enameled 1425
- Hotel 1472
- Royal Enameled 1415

Funnels—
- Copper 1452
- Fruit Jar, Aluminum..... 1443
- Fruit Jar, Royal Enameled 1416
- Fruit Jar, Stamped Tin... 1480
- Garnet Enameled 1427
- Pieced Tin 1459
- Polar Blue and White.... 1408
- Royal Enameled 1417
- Valve 1452

G

Galvanized Steel Ware.. 1428 to 1432
Gauges—Cream Can 1469
Garbage Cans 1430
Gem Pans—
- Cast Aluminum 1440
- Cast Iron 1489

Graduated Measures 1417
Grate Hanger—Chafing Dish..... 1450
Graters—
- Box 1459
- Nutmeg 1459
- Tin 1459

Gravy Bowls 1402
Gravy Strainers 1456, 1476
Griddles—
- Bailed..1440, 1486, 1488, 1490
- Cake, Aluminum 1440
- Cake, Cast Iron 1486
- Handled.1440, 1486, 1488, 1490
- Long 1440, 1486, 1488
- Soapstone 1490

Grill—Electric 1449
Grocers' Scoops—
- Royal Enameled 1417
- Stamped Tin 1481

H

Ham Boilers 1488
Handled Griddles....1440, 1486, 1490
Handles—
- Boiler 1483
- Breast, for Milk Can..... 1470
- Cover, for Milk Can..... 1470
- Milk Can 1470
- Wash Boiler 1483

Handy Strainers 1415
Hangers—Chafing Dish Grate... 1450
Hip Baths 1437
Holders—
- Match 1445
- Tooth Pick 1445

Hollow Ware—Stove ....1485 to 1489
Horns—Dinner 1434
Hotel Trays 1435
Hotel Ware 1472, 1473

I

Imperial Stove Hollow Ware..... 1485
Infant Bath 1432, 1437
Irons—
- Rosette 1489
- Timbale 1489
- Waffle 1489

J

Japanned Ware .....1433 to 1438
Jars—Slop, Japanned 1437
Jelly Cake Pans.....1414, 1424, 1442, 1443, 1444, 1457, 1480
Jelly Moulds—Aluminum 1444
Jelly Strainers 1476

K

PAGE

Kettle Covers—
- Aluminum 1443
- Polar Blue and White.... 1406

Kettle Ears 1484
Kettle Knobs 1482
Kettles—
- Aluminum 1440
- Berlin, Aluminum ..1440, 1441
- Berlin, Polar Blue and White 1406
- Berlin, Royal Enameled.. 1411
- Berlin, Porcelain White and White 1401
- Camp, Galvanized 1432
- Convex, Royal Enameled.. 1411
- Egg, Hotel 1472
- Maslin 1422, 1486
- Milk, Garnet Enameled... 1421
- Milk, Pieced Tin 1465
- Milk, Polar Blue and White 1406
- Milk, Royal Enameled.... 1417
- Perfection 1428
- Preserving, Aluminum ... 1440, 1441
- Preserving, Cast Iron ... 1485
- Preserving, Garnet Enameled 1421
- Preserving, Nesco, Wrought Steel 1485
- Preserving, New Idea 1485
- Preserving, Polar Blue and White 1405
- Preserving, Porcelain White and White 1401
- Preserving, Royal Enameled 1411
- Preserving, Stamped Tin.. 1474
- Range, Tea 1451
- Sponge, Hotel 1472
- Stove, Cast Iron..1485 to 1488
- Tea, Cast Iron ...1485 to 1488
- Tea, Aluminum 1439, 1441
- Tea, Garnet Enameled.... 1421
- Tea, Nickel Plated..... 1451
- Tea, Polar Blue and White 1405
- Tea, Porcelain White and White 1401
- Tea, Royal Enameled.1409, 1410

Kitchen Sets 1481
Kitchen Spoons 1481
Knobs—
- Cover 1482
- Kettle 1482
- Tea Pot 1482

L

Ladles—
- Aluminum 1440, 1443
- Cream, Stamped Tin..... 1476
- Deep 1415, 1476
- Hotel 1473
- Long Handle 1440
- Pierced 1407, 1425, 1476
- Solid 1425, 1476
- Soup, Aluminum 1443
- Soup, Garnet Enameled... 1425
- Soup, Polar Blue and White 1407
- Soup, Porcelain White and White 1403
- Tom and Jerry..... 1440

Laundry Dippers 1428, 1476
Lemon Cake Pans 1478
Letters—Milk Can 1470
Links—Milk Can 1470
Lipped Kettles 1440
Liquid Measures 1428, 1459
Long Griddles 1440, 1486, 1488
Long Handled Ladles 1440
Long Pans 1440, 1486, 1488
Lunch Boxes 1436

M

Machines—
- Coffee Percolating...1448, 1449
- Percolating, Coffee..1448, 1449

M

PAGE

Makers—
- Bread 1471
- Cake 1471

Maple Syrup Cans..... 1464
Marking Pots 1456
Maslin Kettles 1422, 1486
Match Holders 1445
Mats—Stove 1490
Measures—
- Copper 1452
- Galvanized 1428
- Garnet Enameled 1427
- Graduated, Pieced Tin.... 1459
- Graduated, Royal Enameled 1417
- Royal Enameled 1417
- Tin 1459
- Utility 1459

Measuring Cups—
- Aluminum 1443
- Pieced Tin 1459
- Royal Enameled 1416

Meat Platters 1402, 1407
Melon Moulds 1477
Milk Aerators 1466
Milk Can Handles 1470
Milk Can Letters and Figures... 1470
Milk Can Links 1470
Milk Can Screws 1469
Milk Can Seal Presses 1470
Milk Can Seals 1470
Milk Can Stock 1469
Milk Can Strainers 1466
Milk Can Trimmings 1470
Milk Cans—
- Factory 1468, 1469
- Railroad 1467, 1468

Milk Coolers 1466
Milk Kettles—
- Pieced Tin 1465
- Polar Blue and White.... 1406
- Porcelain White and White 1403
- Royal Enameled 1417

Milk or Rice Boilers—
- Aluminum 1439, 1441
- Garnet Enameled 1421
- Polar Blue and White.... 1405
- Porcelain White and White 1401
- Royal Enameled 1410

Milk Pans—
- Garnet Enameled 1423
- Royal Enameled 1413
- Stamped Tin 1475

Milk Skimmers 1474
Milk Stirrer and Sampler..... 1466
Milk Strainers 1456
Milking Pails 1464
Miners' Candlesticks 1462
Mixers—
- Bread 1471
- Cake 1471

Mixing Bowls—
- Garnet Enameled 1424
- Polar Blue and White.... 1406
- Porcelain White and White 1401

Mixing Spoons—
- Cake 1425
- Slotted 1440

Molasses Cups 1434
Molasses Pitchers 1416
Mother Goose Plates..... 1478
Moulds—
- Cake, Aluminum 1440
- Cake, Stamped Tin..... 1477
- Jelly, Aluminum 1444
- Melon 1477
- Pudding 1456

Mountain Cake Pans—
- Ezeout 1480
- Garnet Enameled 1424
- Royal Enameled 1414
- Stamped Tin 1480

Muffin Pans—
- Garnet Enameled 1424
- Royal Enameled 1413
- Stamped Tin 1478

Mugs—Children's 1416
Mustard Cups 1402

N

PAGE

Nested Cups—Aluminum 1443
Nickel Plated Ware.....1446 to 1453
Nutmeg Graters 1459

O

Oblong Pans 1406, 1414, 1457
Oily Waste Cans..... 1430
Ovens—Dutch 1487

P

Pail Woods 1484
Pails—
Cement 1429
Chamber, Galvanized 1432
Chamber, Japanned 1437
Chamber, Polar Blue and White 1408
Chamber, Royal Enameled 1419
Commode, White and White 1404
Commode 1404, 1432
Cook, Pieced Tin..... 1462
Covered, Garnet 1426
Covered, Polar Blue and White 1408
Covered, Porcelain White and White 1404
Covered, Royal Enameled. 1417
Covered, Tin 1462
Dairy 1463
Dinner, Garnet 1426
Dinner, Royal Enameled.. 1418
Dinner, Tin 1461, 1462
Fire, Galvanized 1429
Flaring 1464
Milking 1464
Sap, Galvanized 1429
Sap, Pieced Tin 1464
Slop, Japanned 1437
Stock, Galvanized 1429
Strainer, Pieced Tin.1463, 1464
Water, Aluminum 1444
Water, Galvanized 1429
Water, Polar Blue and White 1408
Water, Porcelain White and White 1404
Water, Royal Enameled.. 1417
Pans—
Angel Cake 1477
Bake 1402, 1424
Bed, Royal Enameled ... 1419
Bed, White and White... 1404
Berlin, Sauce, Garnet Enameled 1422
Berlin, Sauce, Royal Enameled 1412
Biscuit 1478
Bread, Aluminum 1442
Bread, Garnet Enameled.. 1424
Bread, Perfection 1479
Bread Raising 1406, 1412, 1423, 1473, 1474
Bread, Royal Enameled.. 1414
Bread, Tin 1457
Cake, Perfection 1479
Cake, Plain Tin 1477
Cake, Spring Bottom 1457
Cake, Square, Tin 1457
Cake, Stamped Tin 1477
Cheese Cake Pans..... 1457
Coffee Cake, Aluminum.. 1442
Coffee Cake, Tin..... 1478
Corn Cake, Garnet Enameled 1424
Corn Cake, Royal Enameled 1413
Corn Cake, Stamped Tin.. 1478
Crumb and Brush..... 1434
Dairy, Stamped Tin..... 1475
Dish, Hotel 1473
Dish, Garnet Enameled... 1423
Dish, Polar Blue and White 1406
Dish, Royal Enameled.... 1412
Dish, Stamped Tin..... 1474
Dish, Porcelain White and White 1403

P

PAGE

Pans—*Continued.*
Douche 1404, 1419
Dripping 1491
Dust 1438
Fry, Acme 1490
Fry, Aluminum 1442
Fry, Garnet 1425
Fry, Hotel 1472
Fry, Royal Enameled ... 1415
Gem, Aluminum 1440
Gem, Cast Iron 1489
Jelly Cake, Aluminum ... 1442, 1443
Jelly Cake, Ezeout 1480
Jelly Cake, Garnet Enameled 1424
Jelly Cake, Pieced Tin... 1457
Jelly Cake, Royal Enameled 1414
Jelly Cake, Stamped Tin.. 1480
Long, Aluminum 1440
Long, Cast Iron ...1486, 1488
Milk, Garnet Enameled... 1423
Milk, Royal Enameled.... 1413
Milk, Stamped Tin 1475
Mountain Cake, Ezeout... 1480
Mountain Cake, Garnet Enameled 1425
Mountain Cake, Royal Enameled 1414
Mountain Cake, Stamped Tin 1480
Muffin, Garnet Enameled. 1424
Muffin, Royal Enameled.. 1413
Muffin, Stamped Tin..... 1478
Oblong, Garnet Enameled. 1425
Oblong, Pieced Tin 1457
Oblong, Polar Blue and White 1406
Oblong, Royal Enameled.. 1414
Patty, Stamped Tin 1478
Perfection 1479
Pudding, Aluminum 1442
Pudding, Garnet Enameled 1423
Pudding, Polar Blue and White 1406
Pudding, Porcelain White and White 1401
Pudding, Royal Enameled. 1413
Pudding, Stamped Tin.... 1475
Refrigerator, Galvanized.. 1428
Rinsing, Garnet Enameled. 1423
Rinsing, Stamped Tin..... 1474
Roast 1491
Sauce, Aluminum 1439, 1440, 1441
Sauce, Garnet Enameled.. 1421
Sauce, Hotel 1472
Sauce, Polar, Blue and White 1405
Sauce, Porcelain White and White 1401
Sauce, Royal Enameled... 1411
Sauce, Stamped Tin 1474
Shallow Cake, Perfection. 1479
Sponge Cake, Garnet Enameled 1424
Sponge Cake, Pieced Tin.. 1457
Sponge Cake, Royal Enameled 1414
Spring Bottom, Cake..... 1457
Square, Tin 1479
Stew, Aluminum 1442
Stew, Garnet Enameled.. 1424
Stew, Royal Enameled... 1410
Stove, Royal Enameled... 1414
Tubed Cake, Perfection... 1479
Tubed Cake, Stamped Tin. 1477
Turk's Head 1478
Pastry Bags 1489
Patty Pans 1478
Pepper and Salt Shakers..... 1445
Pepper Boxes 1434
Percolating Coffee Machines.1448, 1449
Percolators—Coffee 1441, 1445 to 1449
Perfection Cake Tins 1479

P

PAGE

Perfection Graters 1459
Perfection Kettles 1428
Perfection Roasters 1492
Perfection Ware 1479
Perforated Tin 1484
Pie Plates—
Aluminum 1443
Ezeout 1480
Garnet Enameled 1425
Perfection 1479
Perforated 1480
Polar Blue and White.... 1407
Porcelain White and White 1402
Royal Enameled 1414
Stamped Tin 1480
Pieced Cups 1416
Pieced Funnels 1417
Pieced Tin Ware .....1454 to 1465
Pierced Ladles—
Garnet Enameled 1425
Polar Blue and White.... 1407
Stamped Tin 1476
Pitchers—
Cream, Porcelain White and White 1402
Molasses 1416
Water, Garnet Enameled.. 1426
Water, Polar Blue and White 1408
Water, Porcelain White and White 1404
Water, Royal Enameled.. 1418
Syrup, White and White.. 1402
Toilet, Polar Blue and White 1408
Toilet, Porcelain White and White 1404
Toilet, Royal Enameled... 1418
Pitchers and Bowls..... 1418
Plates—
Animal 1478
Dinner, Polar Blue and White 1407
Dinner, Porcelain White and White 1402
Dinner, Royal Enameled.. 1414
Jelly Cake, Aluminum.... 1442, 1443
Jelly Cake, Ezeout 1480
Jelly Cake, Garnet Enam. 1424
Jelly Cake, Royal Enameled 1414
Jelly Cake, Stamped Tin.. 1480
Lettered 1478
Mother Goose 1478
Mountain Cake, Ezeout... 1480
Mountain Cake, Garnet Enameled 1425
Mountain Cake, Royal Enameled 1414
Mountain Cake, Stamped Tin 1480
Pie, Aluminum 1443
Pie, Ezeout 1480
Pie, Garnet Enameled.... 1425
Pie, Perfection 1479
Pie, Perforated 1480
Pie, Polar Blue and White 1407
Pie, Porcelain White and White 1402
Pie, Royal Enameled 1414
Pie, Stamped Tin 1480
Soup, Royal Enameled... 1414
Platters—Meat 1402, 1407
Plunge Baths 1437
Poachers—Egg 1471
Polar Blue and White Ware..... 1405 to 1408
Porcelain White and White Ware. 1401 to 1404
Pot Cover Assortment 1483
Pot Cover Set 1483
Pot Covers—
Lasher's 1483
Cream City Spring Ring.. 1483
Royal Enameled 1410
Stamped Tin 1483

P

PAGE

Pots—
Bean 1450
Berlin Sauce 1412, 1422
Berlin Tea 1401
Coffee, Aluminum ..1439, 1441
Coffee, Garnet Enameled.. 1420
Coffee, Nickel Plated 1446
Coffee, Pieced Tin 1455
Coffee, Polar Blue and White 1405
Coffee, Porcelain White and White 1401
Coffee, Royal Enameled... 1409
Fireless Cooker 1411
Marking, Pieced Tin..... 1456
Sauce, Aluminum 1442
Sauce, Garnet Enameled.. 1422
Sauce, Hotel 1472
Sauce, Royal Enameled... 1412
Soup, Stock 1412, 1472
Sprinkling, Galvanized ... 1428
Sprinkling, Pieced Tin.... 1460
Stock, Garnet Enameled... 1423
Stove, Cast .....1485 to 1488
Straight, Garnet Enameled 1423
Straight, Polar Blue and White 1406
Straight, Royal Enameled. 1412
Tea, Aluminum 1439, 1441
Tea, Garnet Enameled.... 1420
Tea, Nickel Plated 1446
Tea, Pieced Tin 1455
Tea, Polar Blue and White 1405
Tea, Porcelain White and White 1401
Tea, Royal Enameled 1409
Watering, Galvanized 1428
Watering, Pieced Tin..... 1460
Preserving Kettles—
Aluminum 1441
Garnet Enameled 1421
Nesco Wrought Steel..... 1485
New Idea 1485
Polar Blue and White.... 1405
Porcelain White and White 1401
Royal Enameled 1411
Stamped Tin 1474
Presses—Milk Can Seal..... 1470
Pudding Moulds 1456
Pudding Pans—
Aluminum 1442
Garnet Enameled 1423
Polar Blue and White.... 1406
Porcelain White and White 1401
Royal Enameled 1413
Stamped Tin 1475

R

Racks—Roaster Fish 1492
Railroad Milk Cans.....1467, 1468
Raisers—
Bread, Garnet Enameled.. 1423
Hotel 1473
Polar Blue and White.... 1406
Royal Enameled 1412
Stamped Tin 1474
Range Tea Kettle..... 1451
Refrigerator Pans 1428
Rice Boilers—
Aluminum 1439, 1441
Garnet Enameled 1421
Polar Blue and White.... 1405
Porcelain White and White 1401
Royal Enameled 1410
Ring Handle Scoops..... 1456
Rinsers—Vegetable 1442
Rinsing Pans 1423, 1474
Roast Pans 1491, 1492
Roaster Fish Racks..... 1492
Roasters—
Aluminum 1439, 1442
Brownie 1492
Corona 1492
L. & H..... 1492
Perfection 1492

R

PAGE

Roasters—*Continued.*
Royal Enameled 1415
Savory 1492
Vollrath 1492
Roses—Sprinkler 1484
Rosette Decorating Tubes 1489
Rosette Irons 1489
Rosette Pastry Bags 1489
Round Trays 1435, 1449
Royal Enameled Ware...1409 to 1419

S

Salt and Pepper Shakers..... 1445
Sanitary Consumers 1430
Sanitary Pails 1463
Sap Pails 1429, 1464
Sap Spouts 1464
Sauce Pan Covers 1472
Sauce Pans—
Aluminum ...1439, 1441, 1442
Berlin, Garnet Enameled.. 1422
Berlin, Royal Enameled.. 1412
Garnet Enameled 1421
Hotel 1472
Polar Blue and White.... 1405
Porcelain White and White 1401
Royal Enameled 1411
Stamped Tin 1474
Sauce Pot Covers..... 1472
Sauce Pots 1412, 1422, 1423, 1442, 1472
Saucers—
Cups and 1407, 1416, 1426
Garnet Enameled 1426
Polar Blue and White.... 1407
Porcelain White and White 1403
Royal Enameled 1416
Scoops—
Family 1480
French Model 1480
Grocers', Retinned 1481
Grocers', Royal Enameled. 1417
Ring Handle 1456
Spice 1480
Thumb 1480
Scotch Bowls 1487, 1488
Scrapers—Crumb Tray and..... 1452
Screws—
Milk Can 1469
Zinc Can 1484
Seals—Milk Can 1470
Seal Presses—Milk Can..... 1470
Seamless Bowls—Royal Enameled 1413
Separators—Cream 1465
Setter Bottoms 1470
Setter Covers 1470
Sets—
Children's Aluminum 1444
Kitchen 1481
Pot Cover 1483
Shakers—
Pepper and Salt..... 1445
Sugar 1445
Side Handles—Milk Can..... 1470
Sifters—Flour Bin and..... 1433
Sink Drainers—
Garnet Enameled 1424
Porcelain White and White 1403
Royal Enameled 1417
Skillets—Aluminum 1439
Skimmers—
Flat 1425, 1474
Hotel 1473
Milk 1474
Royal Enameled 1415
Stamped Tin 1474
Slicers—Egg and Beet..... 1445
Slop Jars—Japanned 1437
Slotted Mixing Spoons.....1440, 1481
Soap Dishes—
Garnet Enameled 1427
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1418
Soapstone Foot Warmers 1490
Soapstone Griddles 1490

S

PAGE

Solid Ladles 1425, 1476
Solid Steel Hollow Ware..... 1490
Soup Bowls ...1402, 1407, 1413, 1424
Soup Ladles—
Aluminum 1443
Polar Blue and White.... 1407
Porcelain White and White 1403
Royal Enameled 1415
Stamped Tin 1476
Soup Plates—Royal Enameled... 1414
Soup Stock Pots.....1412, 1423, 1472
Soup Strainers—
Garnet Enameled 1424
Polar Blue and White.... 1407
Pieced Tin 1456
Stamped Tin 1476
Spice Scoops 1480
Spiders—
Cast 1485, 1486, 1487
Steel 1490
Spittoons—
Garnet Enameled 1427
Japanned 1438
Nickel Plated 1453
Royal Enameled 1419
Wrought Steel 1438
Sponge or Egg Beaters—Hotel... 1473
Sponge Cake Pans...1414, 1424, 1457
Sponge Kettles—Hotel 1472
Spoons—
Aluminum 1443
Basting, Aluminum 1443
Basting, Garnet 1425
Basting, Polar Blue and White 1407
Basting, Porcelain White and White 1403
Basting, Retinned 1481
Basting, Royal Enameled. 1415
Cake Mixing 1425, 1481
Chafing Dish 1449
Kitchen 1481
Mixing 1425, 1440
Slotted 1440, 1481
Strainer 1481
Spouts—Sap 1464
Sprinkler Roses 1484
Sprinklers—
Galvanized 1428
Pieced Tin 1460
Stamped Tinware .....1474 to 1481
Standard Measures 1417
Steam Cookers 1471
Steam Egg Poachers 1471
Steamers—
Pieced Tin 1456
Royal Enameled 1413
Steepers—
Tea, Garnet Enameled.... 1420
Tea, Pieced Tin 1456
Tea, Porcelain Blue and White 1405
Tea, Royal Enameled..... 1410
Stew Pans—
Aluminum 1442
Garnet Enameled 1424
Royal Enameled 1410
Sticks—Candle 1438, 1462
Stirrer and Sampler—Milk and Cream 1466
Stock—Milk Can 1469
Stock Pails 1429
Stock Pots—Soup....1412, 1423, 1472
Stove Hollow Ware.....1485 to 1490
Stove Mats 1490
Stove Pans—
Garnet Enameled 1425
Royal Enameled 1414
Straight Cups—
Polar Blue and White.... 1407
Porcelain White and White 1403
Royal Enameled 1416
Stamped Tin 1477
Straight Pots 1406, 1412, 1423
Strainer Cloth 1484
Strainer Pails 1463, 1464

S

PAGE

Strainer Spoons 1481
Strainers—
Chinese Hotel 1473
Gravy, Pieced Tin 1456
Gravy, Stamped Tin 1476
Handy, Royal Enameled.. 1415
Hotel 1473
Jelly 1476
Milk Can 1466
Milk, Pieced Tin 1456
Milk, Stamped Tin 1466
Sink 1403
Soup, Garnet Enameled... 1456
Soup, Polar Blue and White 1406
Soup, Stamped Tin..... 1476
Tea 1445
Suds Dippers 1460
Sugar Bowl—Porcelain White and White 1402
Sugar Boxes 1434
Sugar Shaker 1445
Syrup Pitchers 1402
Syrup Cans 1464

T

Tea Ball Pots 1446
Tea Canisters 1434
Tea Kettle Ears 1484
Tea Kettles—
Aluminum 1439, 1441
Cast Iron .....1485 to 1488
Garnet Enameled 1421
Nickel Plated 1451
Polar Blue and White.... 1405
Porcelain White and White 1401
Range 1451
Royal Enameled....1409, 1410
Tea Pots—
Aluminum 1439, 1441
Garnet Enameled 1420
Nickel Plated 1446
Pieced Tin 1455
Polar Blue and White.... 1405
Porcelain White and White 1401
Royal Enameled 1409
Tea Steepers—
Garnet Enameled 1420
Pieced Tin 1456
Polar Blue and White.... 1405
Royal Enameled 1410
Tea Strainers 1445
Tea Trays 1434
Thumb Scoops 1480
Timbale Irons 1489
Timers—Egg 1445
Tin—Perforated 1484
Tin Ware—
Pieced .....1454 to 1465
Stamped .....1474 to 1481

T

PAGE

Tinners' Trimmings ....1482 to 1484
Tins—Perfection Cake 1479
Toasters—Electric 1449
Toilet Pitchers—
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1418
Tom and Jerry Ladles..... 1440
Toothpick Holders 1445
Tops—Percolator Glass 1447
Torches—Campaign 1462
Trays—
Cash Box 1435
Crumb and Brush 1434
Crumb and Scraper 1452
Hotel 1435
Nickel Plated 1452
Round 1435, 1449
Tea 1435, 1452
Trimmings—
Milk Can 1470
Tinners' .....1482 to 1484
Tubes—Rosette Decorating 1489
Tubs—
Bath, Galvanized 1432
Bath, Japanned 1437
Foot, Galvanized 1432
Foot, Garnet 1427
Foot, Japanned 1437
Foot, Royal Enameled.... 1419
Wash, Galvanized 1431
Turk's Head Pans..... 1478
Turners—Cake 1473, 1482

U

Utility Measures 1459

V

Valve Funnels 1452
Vegetable Rinsers 1442

W

Waffle Irons 1489
Wall Soap Dishes—
Garnet Enameled 1427
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1418
Ware—
Aluminum .....1439 to 1445
Copper 1452, 1453
Galvanized .....1428 to 1432
Garnet Enameled.1420 to 1427
Gray Enameled Hollow... 1485
Hollow .....1485 to 1490
Hotel 1472, 1473
Imperial 1485
Japanned .....1433 to 1438
Nickel Plated ....1446 to 1453
Perfection 1479

W

PAGE

Ware—*Continued.*
Polar Blue and White.... 1405 to 1408
Porcelain White and White 1401 to 1404
Royal Enameled..1409 to 1419
Stove Hollow ....1485 to 1490
Tin, Japanned ...1433 to 1438
Tin, Pieced .....1454 to 1465
Tin, Stamped ....1474 to 1481
White and White, Enameled .....1401 to 1404
Warmers—Foot 1490
Wash Basins—
Galvanized 1428
Garnet Enameled 1427
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1418
Stamped Tin 1477
Wash Boilers—
Copper 1453
Galvanized 1431
Pieced Tin 1454
Wash Bowls and Pitchers—Royal Enameled 1418
Wash Bowls—
Galvanized 1428
Garnet Enameled 1427
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1418
Stamped Tin 1477
Wash Tubs—Galvanized 1431
Waste Cans—Oily 1430
Water Dippers—
Aluminum 1444
Galvanized 1428
Garnet 1425
Pieced Tin 1460
Polar Blue and White.... 1408
Porcelain White and White 1403
Royal Enameled 1416
Stamped Tin 1476
Wall Pails—
Aluminum 1444
Garnet Enameled 1426
Galvanized 1429
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1417
Water Pitchers—
Garnet Enameled 1426
Polar Blue and White.... 1408
Porcelain White and White 1404
Royal Enameled 1418
Watering Pots—
Galvanized 1428
Pieced Tin 1460
White and White Ware—Porcelain .....1401 to 1404
Windsor Dippers.....1408, 1416, 1425
Woods—Pail 1484

Porcelain White and White Ware.

Triple Coated, Brilliant Snow White Finish, Perfect Dark Blue Edge.

COFFEE POTS

Seamless, Enameled Cover, Hollow Handle.

Nos.	05	015	025
Quarts	1⅛	1½	2
Wt. Dozen, Lbs.	32	38	45
Dozen in Case	1	1	1
Per Dozen	$13.50	15.10	16.70

Nos.	035	045
Quarts	2⅞	3⅝
Wt. Dozen, Lbs.	50	55
Dozen in Case	1	1
Per Dozen	$18.20	21.10

TEA POTS

Seamless, Enameled Cover, Hollow Handle.

Nos.	00	010
Quarts	1⅛	1½
Wt. Dozen, Lbs.	34	43
Dozen in Case	1	1
Per Dozen	$13.60	15.10

Nos.	020	030
Quarts	2	3
Wt. Dozen, Lbs.	51	56
Dozen in Case	1	1
Per Dozen	$16.70	18.20

BERLIN TEA POTS

Seamless, Enameled Cover.

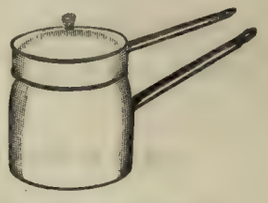
Nos.	10	12	14
Quarts	¾	1⅛	1⅞
Wt. Dozen, Lbs.	25	35	45
Dozen in Case	1	1	1
Per Dozen	$11.25	12.50	14.10

TEA KETTLES

Seamless, Enameled Cover.

Nos.	070	080	090
Quarts	5¼	6⅛	8
Wt. Dozen, Lbs.	70	80	93
Dozen in Case	1	1	1
Per Dozen	$28.85	32.00	38.00

RICE BOILERS



Seamless, Enameled Cover.

Nos.	52	53	54
Ins. Boiler, Qts.	1⅛	1¾	2⅞
Wt. Dozen, Lbs.	50	70	80
Dozen in Case	1	1	1
Per Dozen	$16.40	19.60	25.60

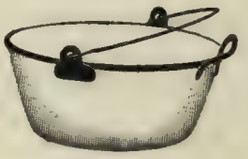
LIPPED SAUCE PANS

Seamless.

Nos.	16	18	20
Quarts	1⅞	2½	3
Inches	6⅞x4⅛	7½x4¼	8¼x4⅝
Wt. Doz., Lbs.	16	18	22
Dozen in Case	3	3	3
Per Dozen	$5.00	5.75	6.70

Nos.	22	24
Quarts	4	5
Inches	9x4⅞	9⅞x5
Wt. Doz., Lbs.	26	32
Dozen in Case	3	3
Per Dozen	$7.60	8.50

PRESERVING KETTLES



Seamless.

Nos.	24	26	28
Quarts	5	6	7¾
Inches	9⅞x5	10¾x5⅛	11¼x5⅞
Wt. Doz., Lbs.	35	38	45
Dozen in Case	2	2	2
Per Dozen	$8.50	9.60	11.60

Nos.	30	32
Quarts	9	12½
Inches	11¾x6¾	12⅝x7¼
Wt. Doz., Lbs.	60	68
Dozen in Case	1	1
Per Dozen	$13.50	16.50

BERLIN KETTLES

Seamless, Enameled Cover.

Nos.	05	06
Quarts	5	6
Inches	8⅝x5⅛	9⅛x5⅝
Wt. Dozen, Lbs.	75	82
Dozen in Case	1	1
Per Dozen	$15.20	16.00

Nos.	08	010
Quarts	8	10
Inches	9⅞x6¼	10¼x7
Wt. Dozen, Lbs.	90	95
Dozen in Case	1	1
Per Dozen	$19.10	23.10

MIXING BOWLS

Seamless.

Nos.	18	20	22	24
Quarts	1½	2	3	3⅞
Inches	7⅜x3¼	8⅛x3⅝	9x4	10x4½
Wt. Dozen, Lbs.	14	17	22	24
Dozen in Case	3	3	3	3
Per Dozen	$5.00	5.75	6.75	7.75

Nos.	26	28	30	32
Quarts	5	5¾	7⅛	8¼
Inches	10⅝x4¾	11¼x4⅞	12x5⅝	12¾x5⅜
Wt. Dozen, Lbs.	27	28	35	37
Dozen in Case	3	3	3	3
Per Dozen	$8.75	9.75	10.75	12.00

PUDDING PANS

Seamless.

Nos.	1	1⅛	2
Quarts	1	1½	2
Inches	7⅛x2⅝	7¾x2⅞	8⅝x3⅛
Weight Per Dozen, Lbs.	11	12	13
Dozen in Case	6	6	6
Per Dozen	$3.75	4.00	4.50

Nos.	3	4	5
Quarts	3	4	5
Inches	10x3½	11x3½	11⅞x3¾
Weight Per Dozen, Lbs.	17	21	23
Dozen in Case	6	6	6
Per Dozen	$5.00	5.60	6.25

Porcelain White and White Ware.

Triple Coated, Brilliant Snow White Finish, Perfect Dark Blue Edge.

CREAM PITCHERS

Seamless.

No.	2
Quarts	½
Weight Per Dozen, Lbs.	21
Dozen in a Case	3
Per Dozen	$9.10

SUGAR BOWLS

Seamless.

No.	10
Quarts	¾
Weight Per Dozen, Lbs.	25
Dozen in Case	1
Per Dozen	$9.60

BUTTER DISHES

Seamless.

No.	0
Inches	6x3½
Weight Per Dozen, Lbs.	19
Dozen in Case	3
Per Dozen	$18.00

GRAVY BOWLS

Seamless.

No.	1
Pints	1
Weight Per Dozen, Lbs.	17
Dozen in Case	3
Per Dozen	$19.20

MUSTARD CUPS

Enameled Cover.

No.	1
Gills	1
Weight Per Dozen, Lbs.	6
Dozen in Case	12
Per Dozen	$6.00

SYRUP PITCHERS

With Metal Cap.

No.	903
Pints	3
Weight Per Dozen, Lbs.	29
Dozen in Case	3
Per Dozen	$24.00

PIE PLATES

Shallow, Seamless.

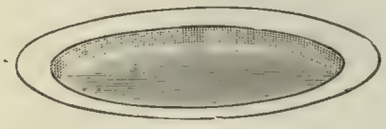
Nos.	9	10
Inches	9x⅞	9⅞x⅞
Wt. Dozen, Lbs.	8¼	11
Dozen in Case	12	12
Per Dozen	$3.35	3.80

DINNER PLATES

Seamless.

Nos.	108	109	110
Inches	8	9	10
Wt. Dozen, Lbs.	7	8	9
Dozen in Case	12	12	12
Per Dozen	$3.60	4.60	5.00

MEAT PLATTERS



Oval, Seamless.

No.	15
Inches	15x10¼x1¼
Wt. Per Dozen, Lbs.	22
Dozen in Case	3
Per Dozen	$11.75

SOUP BOWLS

Seamless.

No.	125
Quarts	⅝
Inches	5½x2½
Weight Per Dozen, Lbs.	9
Dozen in Case	6
Per Dozen	$3.80

BAKE PANS

Oblong, Seamless.

Nos.	20	21
Inches	12¾x8⅜x1¼	14⅞x9½x1⅞
Wt. Dz., Lb.	25	30
Dz. in Case	2	2
Per Dozen	$6.10	7.10

COLANDERS

Seamless.

Nos.	1205	1306
Inches	10⅜x4⅜	11½x5
Wt. Per Dozen, Lbs.	40	42
Dozen in Case	2	2
Per Dozen	$8.55	9.60

Porcelain White and White Ware.

Triple Coated, Brilliant Snow White Finish, Perfect Dark Blue Edge.

OVAL DISH PANS

Seamless.

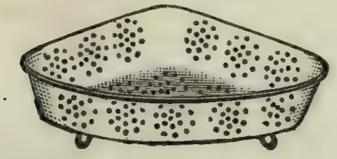
Nos.	12	15	18
Quarts	12	15	18
Inches	14x18x5½	15x19x5¾	16¼x20x6
Wt. Per Dozen, Lbs.	104	130	154
Dozen in Case	½	½	½
Per Dozen	$19.00	22.00	26.25

DISH PANS

Seamless.

Nos.	10	14	17
Quarts	9½	12½	16½
Inches	14¾x4⅞	16½x4⅞	17⅞x5⅝
Wt. Per Dozen, Lbs.	70	85	100
Dozen in Case	1	1	1
Per Dozen	$13.90	16.35	18.65

SINK STRAINERS



Seamless.

No.	7
Inches	10x7⅞x3
Weight Per Dozen, Lbs.	13
Dozen in Case	6
Per Dozen	$7.10

MILK KETTLES

Seamless, Enameled Cover, with Bail.

Nos.	1	2	3
Quarts	1	2	3
Inches	4¼x6⅜	5¼x7⅞	6½x8⅝
Wt. Per Dozen, Lbs.	40	50	60
Dozen in Case	1	1	1
Per Dozen	$10.25	13.35	15.00

Nos.	4	6
Quarts	4	6
Inches	6¾x9¼	7¾x10⅛
Wt. Per Dozen, Lbs.	70	85
Dozen in Case	1	1
Per Dozen	$17.60	22.70

STRAIGHT CUPS

Seamless.

Nos.	14	15
Quarts	¼	⅜
Inches	3½x2⅛	4x2¼
Wt. Dozen, Lbs.	6½	7
Dozen in Case	12	12
Per Dozen	$2.25	2.60

DRINKING CUPS

Seamless.

Nos.	8	9	10
Quarts	¼	⅜—	⅜+
Inches	4x2⅛	4¼x2¼	4⅜x2⅝
Wt. Doz., Lbs.	5	5½	6
Dozen in Case	12	12	12
Per Dozen	$2.35	2.60	2.80

SAUCERS

Seamless.

Nos.	1	1½	2
Inches	5⅞x⅞	6¼x1	6⅞x1⅛
Wt. Dozen, Lbs.	4	5	5
Dozen in Case	12	12	12
Per Dozen	$2.15	2.35	2.60

WATER DIPPERS

Seamless, Round Handle.

Nos.	110	112	114
Quarts	½	¾	1⅛
Inches	4⅞x2⅜	5⅜x3	6x3¼
Wt. Doz., Lbs.	12	14	17
Dozen in Case	6	6	6
Per Dozen	$5.00	5.50	6.55

SOUP LADLES

Seamless, Flat Handle.

No.	38
Inches	3¾x1⅝
Weight Per Dozen, Lbs.	6¼
Dozen in Case	12
Per Dozen	$3.00

BASTING SPOONS

Seamless.

Nos.	12	14	16
Inches	12	14	16
Wt. Dozen, Lbs.	5	6	6½
Dozen in a Case	12	12	12
Per Dozen	$2.35	2.60	2.80

Porcelain White and White Ware.

Triple Coated, Brilliant Snow White Finish, Perfect Dark Blue Edge.

COVERED BUCKETS

Seamless, Enameled Cover.

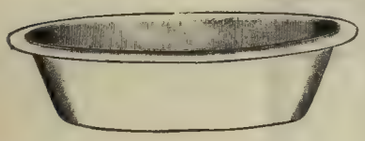
Nos.	1	2	3
Quarts	1	2	3
Inches	5x3½	6⅛x4⅞	6¾x5⅜
Weight Per Dozen, Lbs.	24	40	42
Dozen in Case	3	2	2
Per Dozen	$6.55	7.60	9.80

WATER PAILS

Seamless, Enameled Wood Handle.

Nos.	110	112
Quarts	10	12
Inches	10½x8¾	11x9⅜
Weight Per Dozen, Lbs.	65	91
Dozen in Case	1	1
Per Dozen	$13.35	15.60

BABY BATH



Seamless.

No.	1
Quarts	25
Top, Inches	26x19
Bottom, Inches	17½x10½
Depth, Inches	7
Weight Per Dozen, Lbs.	176
Dozen in Case	½
Per Dozen	$51.10

WATER PITCHERS

Seamless.

Nos.	1	2
Quarts	1⅛	2
Weight Per Dozen, Lbs.	35	40
Dozen in Case	1	1
Per Dozen	$10.80	12.25

TOILET PITCHERS

Seamless.

Nos.	30	40	60
Quarts	3	4	6
Wt. Dozen, Lbs.	60	70	100
Dozen in Case	1	1	½
Per Dozen	$15.00	17.60	22.00

WASH BOWLS

Seamless.

Nos.	28	30	32
Inches	11⅛x3⅛	12¼x3¼	13x3⅝
Wt. Dz., Lbs.	18	20	24
Doz. in Case	3	3	3
Per Dozen	$5.80	6.55	7.55

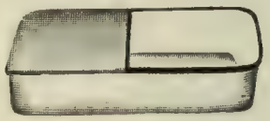
Nos.	34	36	40
Inches	13¾x3⅝	14x3⅞	16½x4½
Wt. Dz., Lbs.	27	32	53
Doz. in Case	3	3	2
Per Dozen	$9.00	10.00	15.10

WALL SOAP DISHES

With Drainer.

No.	60
Inches	6¼x4x1¼
Wt. Per Dozen, Lbs.	9
Dozen in Case	12
Per Dozen	$3.10

DOUCHE PANS



Seamless.

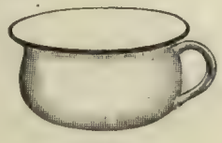
No.	2
Inches	15¾x11⅝x3
Wt. Per Dozen, Lbs.	180
Dozen in Case	½
Per Dozen	$20.00

CHAMBER COVERS

With Knob.

Nos.	1½	2
Wt. Per Dozen, Lbs.	18	20
Dozen in Case	3	3
Per Dozen	$4.00	4.50

CHAMBERS



Seamless.

Nos.	1½	2
Inches	8½x4½	9¾x5¼
Wt. Dozen, Lbs.	45	60
Dozen in Case	1	1
Per Dozen	$7.25	8.35

COMMODE PAILS

Seamless, Enameled Cover.

Nos.	22	23
Quarts	10	12
Wt. Dozen, Lbs.	150	180
Dozen in Case	½	½
Per Dozen	$18.90	25.30

Polar Blue and White Ware.

Triple Coated, Beautiful Turquoise Blue, Very Fine White Speck Outside, White Porcelain Enamel Inside.

COFFEE POTS

Seamless, Enameled Cover, Hollow Handle.

Nos.	01C	02C	03C
Quarts	1⅛	2	2⅞
Wt. Doz., Lbs.	32	45	50
Per Dozen	$12.90	15.75	17.20

Nos.	04C	05C
Quarts	3⅝	4½
Wt. Doz., Lbs.	55	60
Per Dozen	$20.00	22.75

One Dozen in a Case.

TEA POTS

Seamless, Enameled Cover, Hollow Handle.

Nos.	01T	01½T
Quarts	1⅛	1½
Wt. Doz., Lbs.	34	43
Per Dozen	$12.90	14.45

Nos.	02T	03T
Quarts	2	3
Wt. Doz., Lbs.	51	56
Per Dozen	$15.75	17.20

One Dozen in a Case.

TEA KETTLES

Seamless, Enameled Covers, Flat Bottom.

Nos.	07	08	09
Quarts	5¼	6⅛	8
Wt. Dozen, Lbs.	70	80	93
Per Dozen	$26.65	30.70	36.10

One Dozen in a Case.

TEA KETTLES

Seamed, Enameled Cover, Flat Bottom.

Nos.	70	80	90
Quarts	5	6⅛	7⅝
Wt. Dozen, Lbs.	85	95	105
Per Dozen	$18.90	21.65	26.10

One Dozen in a Case.

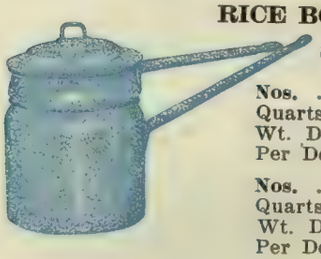
COFFEE BOILERS

Seamless, Enameled Cover, Flat Bottom.

Nos.	70	80	90
Quarts	6¾	8½	11½
Wt. Dozen, Lbs.	90	130	140
Per Dozen	$20.60	24.50	31.10

No. 70, One Dozen; Nos. 80 and 90, One-half Dozen in a Case.

RICE BOILERS



Seamless, Enameled Cover, Welded Hollow Handle.

Nos.	52	53
Quarts	1⅛	1¾
Wt. Dozen, Lbs.	50	70
Per Dozen	$16.00	18.90

Nos.	54	56
Quarts	2⅞	5
Wt. Dozen, Lbs.	95	130
Per Dozen	$24.50	32.00

One Dozen in a Case.

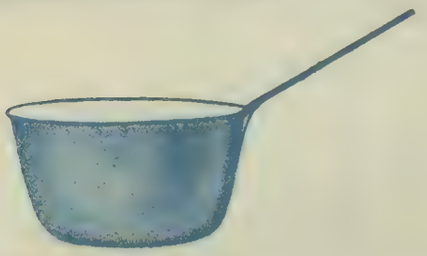
TEA STEEPERS

Seamless, Enameled Cover, Welded Handle and Lips.

Nos.	1	2
Pints	1¼	2
Wt. Per Dozen, Lbs.	24	27
Per Dozen	$6.70	7.25

Three Dozen in a Case.

LIPPED SAUCE PANS



Seamless, Welded Handle.

Nos.	12	14	16	18	20
Quarts	1	1½	1⅞	2½	3
Inches	5½x3⅜	6⅛x3⅞	6⅞x4⅛	7½x4¼	8¼x4⅜
Wt. Doz., Lbs.	11	13	16	18	22
Dozen in Case.	6	6	3	3	3
Per Dozen	$3.90	4.50	4.90	5.60	6.70

Nos.	22	24	26	28
Quarts	4	5	6	7¾
Inches	9x4⅞	9⅞x5	10¾x5⅛	11¼x5⅞
Wt. Doz., Lbs.	26	32	40	50
Dozen in Case.	3	3	2	2
Per Dozen	$7.25	8.35	9.35	11.10

LIPPED PRESERVING KETTLES

Seamless, Welded Ears, Wood Bail.

Nos.	20	22	24	26
Quarts	3	4	5	6
Inches	8¼x4⅜	9x4⅞	9⅞x5	10¾x5⅛
Wt. Doz., Lbs.	28	30	35	37
Dozen in Case.	2	2	2	2
Per Dozen	$5.80	6.50	7.25	8.00

Nos.	28	30	32	36
Quarts	7¾	9	12½	14
Inches	11¼x5⅞	11¾x6¾	12⅝x7¼	13⅝x7½
Wt. Doz., Lbs.	45	60	68	73
Dozen in Case.	2	1	1	1
Per Dozen	$9.70	11.70	13.90	17.35

Polar Blue and White Ware.

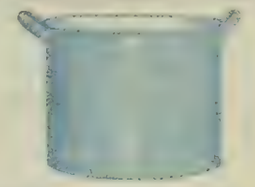
Triple Coated, Beautiful Turquoise Blue, Very Fine White Speck Outside, White Porcelain Enamel Inside.

BERLIN KETTLES

Seamless, Enameled Covers, Welded Ears, Wood Bail.

Nos.	05	06	08	010
Quarts	5	6	8	10
Inches	8⅝x5⅛	9⅛x5⅝	9⅞x6¼	10¼x7
Wt. Dozen, Lbs.	75	82	90	95
Dozen in Case	1	1	1	1
Per Dozen	$14.50	15.35	18.25	22.00

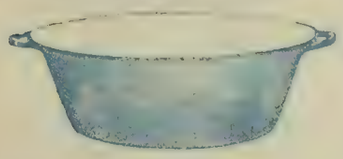
STRAIGHT POTS



Seamless, Welded Hollow Handles, with Cover.

Nos.	26	28	30	32
Quarts	11½	16	19	24
Inches	10⅜x8½	11⅞x8¾	12⅜x10	13¼x10⅝
Wt. Dozen, Lbs.	95	150	170	210
Dozen in Case	1	½	½	½
Per Dozen	$22.20	28.40	31.30	36.10

DISH PANS

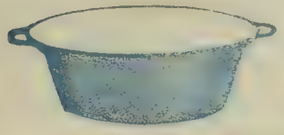


Seamless, Deep.

Nos.	10	14
Quarts	9½	12½
Inches	14¾x4⅞	16½x4⅞
Wt. Doz., Lbs.	70	85
Dozen in Case	1	1
Per Dozen	$13.35	15.60

Nos.	17	21
Quarts	16½	21
Inches	17⅞x5⅝	19⅜x6⅜
Wt. Doz., Lbs.	100	120
Dozen in Case	1	1
Per Dozen	$17.80	21.35

OVAL DISH PANS



Seamless.

Nos.	12	15
Quarts	12	15
Inches	14x18x5½	15x19x5¾
Wt. Doz., Lbs.	104	130
Dozen in Case	½	½
Per Dozen	$19.00	21.65

No.		18
Quarts		18
Inches		16¼x20x6
Wt. Doz., Lbs.		154
Dozen in Case		½
Per Dozen		$25.60

MIXING BOWLS

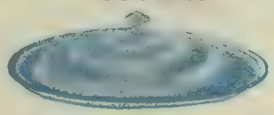
Seamless.

Nos.	20	22	24
Quarts	2	3	3⅞
Inches	8⅛x3⅝	9x4	10x4½
Wt. Doz., Lbs.	17	22	24
Dozen in Case	3	3	3
Per Dozen	$5.60	6.70	7.80

Nos.	26	28
Quarts	5	5¾
Inches	10⅝x4¾	11¼x5⅞
Wt. Doz., Lbs.	27	28
Dozen in Case	3	3
Per Dozen	$8.70	9.80

Nos.	30	32
Quarts	7⅛	8¼
Inches	12x5⅜	12¾x5⅜
Wt. Doz., Lbs.	35	37
Dozen in Case	3	3
Per Dozen	$10.70	12.00

SAUCE PAN OR KETTLE COVERS



Enameled Knob.

Nos.	18	20	22	24
Inches	7⅞	8⅜	9¼	10⅜
Wt. Doz., Lbs.	4	4¼	4½	4¾
Dozen in Case	3	3	3	3
Per Dozen	$3.80	4.25	4.50	5.00

Nos.	26	28	30
Inches	10½	11½	12½
Wt. Doz., Lbs.	5	5½	6
Dozen in Case	3	3	3
Per Dozen	$5.60	6.00	6.50

MILK KETTLES

Seamless, Enameled Wood Handle.

Nos.	1	2	3
Quarts	1	2	3
Inches	4¼x6⅜	5¼x7⅞	6½x8⅜
Wt. Doz., Lbs.	40	50	60
Dozen in Case	1	1	1
Per Dozen	$10.00	13.00	14.50

Nos.	4	6
Quarts	4	6
Inches	6¾x9¼	7¾x10⅛
Wt. Doz., Lbs.	70	85
Dozen in Case	1	1
Per Dozen	$17.00	21.35

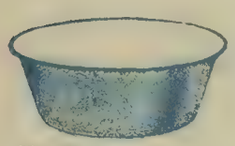
BREAD RAISERS

Seamless, Ventilated Enameled Cover.

Nos.	101	141
Quarts	10	14
Inches	14⅞x6¾	16½x7¼
Wt. Doz., Lbs.	150	175
Dozen in Case	½	½
Per Dozen	$30.00	33.90

No.		171
Quarts		17
Inches		17⅞x7½
Wt. Doz., Lbs.		200
Dozen in Case		½
Per Dozen		$41.25

PUDDING PANS

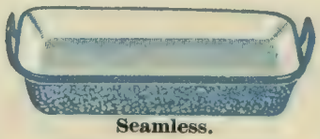


Seamless, Deep.

Nos.	1	1½	2
Quarts	1	1½	2
Inches	7⅛x2⅝	7¾x2⅞	8⅝x3⅛
Wt. Doz., Lbs.	11	12	12½
Doz. in Case	6	6	6
Per Dozen	$3.70	3.90	4.50

Nos.	3	4	5	6
Quarts	3	4	5	6
Inches	10x3½	11x3½	11⅞x3¾	13⅜x3¾
Wt. Doz., Lbs.	17	20	22	30
Dozen in Case	6	6	6	4
Per Dozen	$4.90	5.40	6.00	7.25

OBLONG PANS



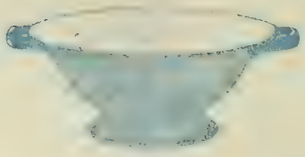
Seamless.

Nos.	13	14	15	16
Inches	9⅞x13⅞	10⅜x14⅜	11¼x15⅞	11x16
Wt. Dozen, Lbs.	38	42	48	50
Dozen in Case	2	2	2	2
Per Dozen	$11.55	12.50	13.90	15.00

Polar Blue and White Ware.

Triple Coated, Beautiful Turquoise Blue, Very Fine White Speck Outside, White Porcelain Enamel Inside.

COLANDERS



Seamless.

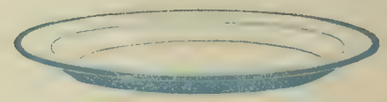
Nos.	1205	1306
Inches	10⅜x4⅜	11½x5
Wt. Doz., Lbs.	40	43
Dozen in Case	2	2
Per Dozen	$8.35	9.50

SOUP STRAINERS

Seamless, Welded Handle.

Nos.	18	20
Inches	7⅛x3⅝	8x3⅞
Wt. Dozen, Lbs.	14	24
Dozen in Case	3	3
Per Dozen	$9.50	11.10

MEAT PLATTERS



Seamless, Oval.

Nos.	12	14	16
Inches	11¾	14⅛	16
Wt. Dozen, Lbs.	15	24	30
Dozen in Case	3	3	3
Per Dozen	$9.00	10.80	12.70

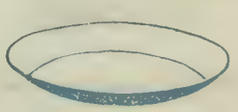
Nos.	18	20
Inches	18	20½
Wt. Dozen, Lbs.	40	48
Dozen in Case	2	2
Per Dozen	$15.60	18.90

SOUP BOWLS

Seamless.

No.	125
Quarts	⅝
Inches	5½x2½
Weight Per Dozen, Lbs.	9
Dozen in Case	6
Per Dozen	$3.75

DINNER PLATES



Seamless.

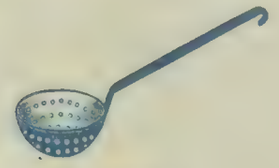
Nos.	108	109	110
Inches	8	9	10
Wt. Dozen, Lbs.	7¾	8	8¼
Dozen in Case	12	12	12
Per Dozen	$3.50	4.50	5.00

PIE PLATES

Seamless, Shallow.

Nos.	9	10
Inches	9x⅞	9⅞x⅞
Wt. Dozen, Lbs.	8¼	11
Dozen in Case	12	12
Per Dozen	$3.10	3.70

PIERCED LADLES



Seamless, Flat Handle.

Nos.	9	10
Inches	4	4¼
Wt. Per Dozen, Lbs.	8	9
Dozen in Case	12	12
Per Dozen	$3.60	3.80

SOUP LADLES

Threaded Handle.

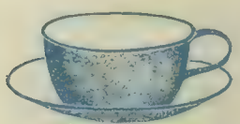
No.	38
Inches	3½
Weight Per Dozen, Lbs.	6¼
Dozen in Case	12
Per Dozen	$3.00

BASTING SPOONS

Seamless.

Inches	12	14	16
Wt. Dozen, Lbs.	5	5½	6
Dozen in Case	12	12	12
Per Dozen	$2.25	2.50	2.80

CUPS AND SAUCERS



Seamless.

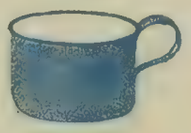
Nos.	81	91
Cup, Inches	3¾x2	4x2⅛
Saucer, Inches	5x⅝	5⅞x⅞
Wt. Dozen, Lbs.	14	16
Dozen in Case	6	6
Per Dozen	$4.50	4.80

DRINKING CUPS

Seamless.

Nos.	8	9	10
Inches	3¾x2	4x2⅛	4⅛x2¼
Wt. Doz., Lbs.	5	5½	6¼
Dozen in Case	12	12	12
Per Dozen	$2.25	2.50	2.75

STRAIGHT CUPS



Seamless.

Nos.	14	15
Inches	3½x2⅛	4x2¼
Wt. Dozen, Lbs.	6½	7
Dozen in Case	12	12
Per Dozen	$2.25	2.50

Polar Blue and White Ware.

Triple Coated, Beautiful Turquoise Blue, Very Fine White Speck Outside, White Porcelain Enamel Inside.

WATER PITCHERS

Seamless.

Nos.	2	3
Quarts	2	3
Wt. Dozen, Lbs.	40	60
Dozen in Case	1	1
Per Dozen	$11.75	14.50

TOILET PITCHERS

Seamless.

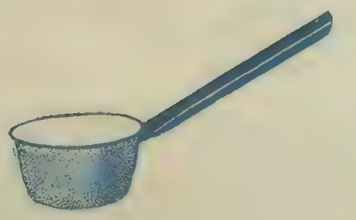
Nos.	40	60
Quarts	4	6
Wt. Dozen, Lbs.	70	110
Dozen in Case	1	½
Per Dozen	$18.00	21.10

FUNNELS

Welded Handle.

Nos.	⅛	1	2	4
Pints	½	1	2	4
Wt. Doz., Lbs.	8	9	10	12
Dozen in Case	6	6	6	6
Per Dozen	$4.00	4.50	5.00	7.00

WINDSOR DIPPERS



Seamless.

Nos.	110	112	114
Quarts	½	¾	1⅛
Inches	4⅞x2⅜	5⅜x3	6x3¼
Wt. Doz., Lbs.	12	14	16
Dozen in Case	6	6	6
Per Dozen	$4.75	5.25	6.25

COVERED BUCKETS

Seamless, Enameled Cover.

Nos.	150	250
Quarts	1	2
Inches	5x3½	6⅛x4⅞
Wt. Dozen, Lbs.	24	40
Dozen in Case	3	2
Per Dozen	$6.50	7.35

Nos.	350	450
Quarts	3	4
Inches	6¾x5⅜	7⅝x5⅞
Wt. Dozen, Lbs.	43	60
Dozen in Case	2	1
Per Dozen	$9.75	11.60

WATER PAILS

Seamless, Enameled Wood Bail.

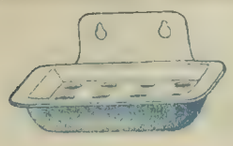
Nos.	110	112	114
Quarts	10	12	15
Inches	10½x8¾	11x9⅜	12⅛x9⅞
Wt. Dz., Lbs.	65	91	101
Doz. in Case.	1	1	1
Per Dozen	$13.90	16.00	18.90

CUSPIDORS

Seamless.

Nos.	20
Inches	8½x5⅝
Weight Per Dozen, Lbs.	24
Dozen in Case	1
Per Dozen	$13.35

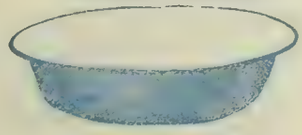
WALL SOAP DISHES



With Drainer.

No.	60
Inches	6¼x4x1¼
Weight Per Dozen, Lbs.	9
Dozen in Case	12
Per Dozen	$3.75

WASH BASINS



Seamless.

Nos.	28	30	32
Inches	11⅛x3⅛	12¼x3¼	13x3⅝
Wt. Dz., Lbs.	18	20	24
Doz. in Case	6	6	6
Per Dozen	$5.75	6.10	7.10

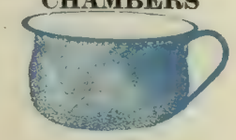
Nos.	34	36
Inches	14¾x3⅝	14x3⅞
Wt. Dozen, Lbs.	27	32
Dozen in Case	6	3
Per Dozen	$8.55	9.40

CHAMBER PAILS

Seamless, with Bail.

Nos.	22	23
Quarts	10	12
Wt. Dozen, Lbs.	150	180
Dozen in Case	½	½
Per Dozen	$22.25	29.50

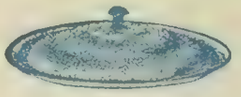
CHAMBERS



Seamless.

Nos.	1½	2
Inches	8½x4½	9¾x5¼
Wt. Dozen, Lbs.	45	60
Dozen in Case	1	1
Per Dozen	$8.90	10.90

CHAMBER COVERS



With Knob.

Nos.	1½	2
Inches	8½	9¾
Wt. Per Dozen, Lbs.	18	22
Dozen in Case	3	3
Per Dozen	$4.50	4.80

Royal Enameled Steel Ware.

COFFEE POTS

No. 5—Tin Cover.

No. 51—Enameled Cover.

SEAMED Tin Cover, Hollow Enameled Steel Handle.						
Nos.	5	15	25	35	45	55
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	20	22	28	35	39	42
Dozen in Case	2	2	2	1	1	1
Per Dozen	$5.20	5.60	6.40	7.10	8.40	9.55

SEAMED, Enameled Cover, Hollow Enameled Steel Handle.						
Nos.	51	151	251	351	451	551
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	20	23	30	37	42	46
Dozen in Case	2	2	2	1	1	1
Per Dozen	$6.00	6.40	7.10	8.00	9.10	10.40

No. 05—Tin Cover.

No. 051—Enameled Cover.

SEAMLESS, Tin Cover, Hollow Enameled Steel Handle.						
Nos.	05	015	025	035	045	055
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	20	22	28	35	39	42
Dozen in Case	2	2	2	1	1	1
Per Dozen	$8.00	9.35	10.70	12.00	13.35	14.70

SEAMLESS, Enameled Cover, Hollow Enameled Steel Handle.						
Nos.	051	0151	0251	0351	0451	0551
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	20	23	30	37	42	46
Dozen in Case	2	2	2	1	1	1
Per Dozen	$8.90	10.25	11.50	12.80	14.15	15.55

TEA POTS

No. 0—Tin Cover.

No. 01½—Enameled Cover.

SEAMED, Tin Cover, Hollow Enameled Steel Handle.						
Nos.	0	10	20	30	40	50
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	21	22	26	36	40	43
Dozen in Case	2	2	2	1	1	1
Per Dozen	$5.60	6.00	6.70	8.00	9.10	10.40

SEAMED, Enameled Cover, Hollow Enameled Steel Handle.						
Nos.	01½	101	201	301	401	501
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	21	23	28	40	45	46
Dozen in Case	2	2	2	1	1	1
Per Dozen	$6.40	6.70	7.60	8.80	10.00	11.10

No. 1000—Tin Cover.

No. 2000—Enameled Cover.

SEAMLESS, Tin Cover, Hollow Enameled Steel Handle.						
Nos.	1000	1010	1020	1030	1040	1050
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	21	22	26	36	40	44
Dozen in Case	2	2	2	1	1	1
Per Dozen	$8.90	10.25	11.60	12.90	14.25	15.60

SEAMLESS, Enameled Cover, Hollow Enameled Steel Handle.						
Nos.	2000	2010	2020	2030	2040	2050
Trade Cap., Qts.	1	1½	2	3	4	5
Inches	4¾	5¼	5¾	6⅜	7	7¼
Wt. Dozen, Lbs.	21	23	28	40	45	46
Dozen in Case	2	2	2	1	1	1
Per Dozen	$9.80	11.10	12.50	13.80	15.10	16.50

COFFEE BOILERS

Flat Bottom, Tin Cover.					
Nos.	60	70	80	90	100
Trade Cap., Quarts.	5	6	8	11	14
Inches	8	8⅝	9⅝	10⅝	11½
Wt. Dozen, Lbs.	43	65	78	87	110
Dozen in Case	1	1	1	1	½
Per Dozen	$10.80	12.00	14.40	18.40	26.60

TEA KETTLES

Seamed, Flat Bottom, Enameled Cover.						
Nos.	40	50	60	70	80	90
Trade Cap., Qts.	2	3	4	5	7	8
Inches	7¼	8	8¾	9½	10¼	11½
Wt. Dozen, Lbs.	30	42	48	56	62	69
Dozen in Case	1	1	1	1	1	1
Per Dozen	$9.10	9.90	10.70	12.00	13.35	16.00

Royal Enameled Steel Ware.

TEA KETTLES

Seamless, Flat Bottom, Enameled Cover.

Nos.	070	080	090
Trade Cap., Qts.	5	7	8
Inches	9½	10¼	11½
Wt. Dozen, Lbs.	56	62	69
Dozen in Case..	1	1	1
Per Dozen.....	$20.00	21.40	24.00

TEA STEEPERS

Seamless, Low Pattern, Tin Cover.

Nos.	2	3
Trade Cap., Pts....	1½	2
Inches	4½x3	5¼x3⅝
Wt. Dozen, Lbs....	12	14
Dozen in Case.....	3	3
Per Dozen	$4.45	4.95

COFFEE FLASKS

With 1½ in. Cork Lined Screw.

No.	10
Trade Cap., Pts.	1½
Wt. Per Dozen, Lbs.	10
Dozen in Case	6
Per Dozen	$4.80

MILK OR RICE BOILERS

Seamed, Tin Cover, Round Handle.

Nos.	18	20	22
T. C. Inside, Qts.	1¾	2	2½
Inches	8	8⅞	9⅜
Wt. Dozen, Lbs.	49	58	70
Dozen in Case..	1	1	1
Per Dozen	$11.10	12.80	14.45

Nos.	24	26	28
T. C. Inside, Qts.	3	4	5
Inches	10¼	10½	11⅛
Wt. Dozen, Lbs.	75	100	122
Dozen in Case..	1	½	½
Per Dozen	$16.65	21.35	26.65

Nos.	36
T. C. Inside, Qts.	8
Inches	12⅛
Wt. Dozen, Lbs.	148
Dozen in Case..	½
Per Dozen	$32.00

Seamless, Tin Cover, Round Handle.

Nos.	52	52½	53
Trade, Cap., Qts.	1	2	2½
Inches	5½	6	6½
Wt. Dozen, Lbs.	35	41	58
Dozen in Case..	1	1	1
Per Dozen	$10.70	11.50	12.50

Nos.	53½	54	56
Trade Cap., Qts.	3	3½	4
Inches	7¼	7½	8⅛
Wt. Dozen, Lbs.	67	71	81
Dozen in Case..	1	1	1
Per Dozen	$14.10	16.00	21.35

Nos.	58
Trade Cap., Qts.	6
Inches	9
Wt. Dozen, Lbs.	132
Dozen in Case..	½
Per Dozen	$26.65

STEW PANS

Shallow.

Nos.	3	4
Trade Cap., Qts...	1	2
Inches	6¾x1¾	8x2⅛
Wt. Dozen, Lbs...	15	18
Dozen in Case....	3	3
Per Dozen	$2.25	2.80

Nos.	5	6
Trade Cap., Qts...	3	4
Inches	8⅞x2½	10¼x2½
Wt. Dozen, Lbs...	19	24
Dozen in Case....	3	3
Per Dozen	$3.35	3.90

STEW PANS

Deep.

Nos.	14	18
Trade Cap., Qts.	1	2
Inches	7⅛x2⅞	8½x3⅜
Wt. Dozen, Lbs.	15	20
Dozen in Case...	3	3
Per Dozen	$2.60	3.25

Nos.	20	22
Trade Cap., Qts.	3	4
Inches	9½x3⅝	10x4
Wt. Dozen, Lbs.	25	28
Dozen in Case...	3	3
Per Dozen	$3.70	4.25

FISH BOILERS

Side Handles, Enameled Drainers, Tin Stamped Covers.

Nos.	218	220	222
Inches	18	20	22
Wt. Dozen, Lbs.	140	150	160
Dozen in Case..	½	½	¼
Per Dozen	$42.70	52.00	57.30

Side Handles, Enameled Drainers, Enameled Stamped Cover.

Nos.	2181	2201	2221
Inches	18	20	22
Wt. Dozen, Lbs.	140	154	164
Dozen in Case..	½	½	¼
Per Dozen	$45.30	54.65	61.30

POT COVERS

Enameled Wood Knob.

Inches	8	8½	9	9½	10	10½	11	11½	12	12½	13
Weight Per Dozen, Lbs....	4	4	4¼	4¼	4½	4½	5	5	5¼	5½	6
Dozen in Case.....	12	12	12	12	12	12	12	12	6	6	6
Per Dozen	$2.80	2.90	3.25	3.35	3.45	3.55	3.80	4.00	4.45	4.80	5.60

Royal Enameled Steel Ware.

LIPPED SAUCE PANS.

Seamless, Riveted, Round Handle.

Nos.	9	10	12	14
Trade Cap., Qts.	½	¾	1	1½
Inches	4¾x2¼	5⅛x2⅜	5¾x2¾	6¼x3
Wt. Dozen, Lbs.	6	7	8	11
Dozen in Case	6	6	6	3
Per Dozen	$2.10	2.25	2.45	2.55

Nos.	16	18	20	22
Trade Cap., Qts.	2	2½	3	4
Inches	7¼x3¼	7½x3¾	8¼x4	8¾x4¼
Wt. Dozen, Lbs.	13	15	18	20
Dozen in Case	3	3	3	3
Per Dozen	$2.90	3.35	3.55	4.00

Nos.	24	26	28	30
Trade Cap., Qts.	5	6	8	10
Inches	9⅞x4⅜	10⅞x4⅞	11½x5	12x5¼
Wt. Dozen, Lbs.	25	35	41	48
Dozen in Case	3	2	2	2
Per Dozen	$4.70	5.35	6.70	8.00

LIPPED PRESERVING KETTLES

Seamless, Riveted Ears, Enameled Wood Bail.

Nos.	18	20	22	24
Trade Cap., Qts.	2½	3	4	5
Inches	7½x3¾	8¼x4	8¾x4¼	9⅞x4⅜
Wt. Dozen, Lbs.	14	15	19	24
Dozen in Case	3	3	3	3
Per Dozen	$3.35	3.55	4.00	4.70

Nos.	26	28	30	32
Trade Cap., Qts.	6	8	10	12
Inches	10⅞x4⅞	11½x5	12x5¼	12½x5½
Wt. Dozen, Lbs.	29	36	43	46
Dozen in Case	3	3	2	2
Per Dozen	$5.35	6.70	8.00	10.35

Nos.	34	36	40	50
Trade Cap., Qts.	13	14	18	30
Inches	13¼x6½	13¾x6½	14¾x7⅜	18x9½
Wt. Dozen, Lbs.	57	63	70	118
Dozen in Case	1	1	1	½
Per Dozen	$10.70	12.80	17.30	28.90

BERLIN KETTLES

Seamless, Tin Cover, Enameled Bail Wood.

Nos.	04	06	08
Trade Capacity, Quarts	4	6	8
Inches	7⅞x4½	9x5⅜	10x5¾
Weight Per Dozen, Lbs.	34	50	62
Dozen in Case	2	1	1
Per Dozen	$6.70	8.35	9.55

Nos.		010	012
Trade Capacity, Quarts		10	12
Inches		10⅜x6¼	11½x6⅞
Weight Per Dozen, Lbs.		67	90
Dozen in Case		1	1
Per Dozen		$12.00	14.45

CONVEX KETTLES

Seamless, Tin Cover, Enameled Bail Wood.

Nos.	212	214	216
Trade Cap., Qts.	6	8	10
Inches	8⅝x5¾	9½x6⅝	10½x7⅝
Wt. Per Dozen, Lbs.	55	61	87
Dozen in Case	1	1	1
Per Dozen	$10.70	13.35	16.00

Nos.	218	220	222
Trade Cap., Qts.	12	16	20
Inches	11½x8	12½x8	13¾x8¼
Wt. Per Dozen, Lbs.	95	130	140
Dozen in Case	1	½	½
Per Dozen	$18.70	21.35	26.65

FIRELESS COOKER POTS

SHALLOW, Seamless, RETINNED COVER, Side Cover Locks.

Nos.	420	620	820
Trade Cap., Qts.	2	3	4
Inches	8x2½	8¾x2¾	9¾x3¼
Wt. Per Dozen, Lbs.	20	22	26
Dozen in Case	2	2	1
Per Dozen	$8.00	11.10	13.35

SHALLOW, Seamless, ALUMINUM COVER, Side Cover Locks.

Nos.	1420	1620	1820
Trade Cap., Qts.	2	3	4
Inches	8x2½	8¾x2¾	9¾x3¼
Wt. Per Dozen, Lbs.	20	22	26
Dozen in Case	2	2	1
Per Dozen	$12.00	15.10	18.70

DEEP, Seamless, EXTRA HEAVY RETINNED COVER. Side Cover Locks.

Nos.	450	650	850
Trade Cap., Qts.	4	6	8
Inches	8x5¼	8¾x5¾	9¾x6½
Wt. Per Dozen, Lbs.	24	26	30
Dozen in Case	2	2	1
Per Dozen	$11.10	14.65	17.80

DEEP, Seamless, ALUMINUM COVER, Side Cover Locks.

Nos.	1450	1650	1850
Trade Cap., Qts.	4	6	8
Inches	8x5¼	8¾x5¾	9¾x6½
Wt. Per Dozen, Lbs.	24	26	30
Dozen in Case	2	2	1
Per Dozen	$15.00	18.65	21.65

Royal Enameled Steel Ware.

SOUP STOCK POTS

Seamless, Tin Cover, Without Faucets.

Nos.	212	218	224	236
Inches	10⅝x10½	11¼x12	13x11¾	15x14
Trade Cap., Gals.	3⅞	4¾	6	9
Wt. Doz., Lbs.	200	240	300	360
Dozen in Case.	1/6	1/6	1/12	1/12
Per Dozen	$48.00	64.00	80.00	96.00

Seamless, Tin Cover, with Removable Strainer and Faucet.

Nos.	312	318	324	336
Size Faucet, In.	⅝	¾	1	1
Inches	10⅝x10½	11¼x12	13x11¾	15x14
Trade Cap., Gals.	3¾	4¾	6	9
Wt. Doz., Lbs.	210	250	310	370
Dozen in Case.	1/12	1/12	1/12	1/12
Per Dozen	$104.00	128.00	152.00	168.00

STRAIGHT SAUCE POTS

Seamed, Tin Cover, with Knob.

Nos.	014	016	018
T. C., Qts.	2	3	4
Inches	6x5	7x5¾	7¾x6½
Wt. Dz., Lbs.	20	22	32
Dz. in Case.	2	2	2
Per Dozen	$4.80	6.00	8.00

Nos.	020	022	024
T. C., Qts.	6	8	10
Inches	8¼x7¼	9½x7¾	10½x7⅞
Wt. Dz., Lbs.	43	60	79
Dz. in Case.	2	1	1
Per Dozen	$9.55	11.10	12.80

Nos.	026	028	030
T. C., Qts.	12	16	20
Inches	11¼x8⅝	12¼x9⅜	13x10
Wt. Dz., Lbs.	89	116	140
Dz. in Case.	1	½	½
Per Dozen	$16.00	19.20	21.45

Nos.	032
T. C., Qts.	24
Inches	13½x10⅞
Wt. Dz., Lbs.	160
Dz. in Case.	½
Per Dozen	$24.00

BREAD RAISERS

Deep, with Feet, VENTILATED TIN COVER.

Nos.	10	14	17	21
T. Cap., Qts.	10	14	17	21
Inches	15¼	16½	18	19½
Wt. Dz., Lbs.	80	90	110	130
Doz. in Case.	½	½	½	½
Per Dozen	$16.65	19.10	22.25	26.45

Deep, with Feet, VENTILATED ENAMELED COVER.

Nos.	101	141	171	211
T. Cap., Qts.	10	14	17	21
Per Dozen	$19.25	21.60	26.40	31.20

BERLIN SAUCE PANS

Seamless, Tin Cover, Round Handle.

Nos.	02	03	04
T. Cap., Qts.	2	3	4
Inches	5⅜x3⅜	6⅞x4	7⅞x4½
Wt. Dz., Lbs.	22	29	38
Doz. in Case.	2	2	2
Per Dozen	$4.80	5.60	6.80

Nos.	05	06	08
T. Cap., Qts.	5	6	8
Inches	8¼x4¼	9x5⅜	10x5¾
Wt. Dz., Lbs.	42	57	72
Doz. in Case.	2	1	1
Per Dozen	$7.55	8.40	9.55

Nos.	010	012
T. Cap., Qts.	10	12
Inches	10⅜x6¼	11½x6⅞
Wt. Dz., Lbs.	96	122
Doz. in Case.	½	½
Per Dozen	$12.00	14.50

OVAL DISH PANS

Seamless.

T. Cap., Qts.	15
Inches	18¼x14x5¼
Wt. Dz., Lbs.	57
Doz. in Case.	1
Per Dozen	$16.00

T. Cap., Qts.	18	22
Inches	19¼x15½x5½	22x17x5¾
Wt. Dz., Lbs.	71	85
Doz. in Case.	1	1
Per Dozen	$18.65	21.30

BERLIN SAUCE POTS

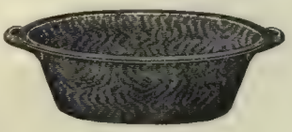
Seamless, Tin Cover.

Nos.	02	03	04
T. Cap., Qts.	2	3	4
Inches	5⅜x3⅜	6⅞x4	7⅞x4½
Wt. Dz., Lbs.	20	30	35
Doz. in Case.	2	2	2
Per Dozen	$4.80	5.60	6.80

Nos.	05	06	08
T. Cap., Qts.	5	6	8
Inches	8¼x4¼	9x5⅜	10x5¾
Wt. Dz., Lbs.	38	55	65
Doz. in Case.	2	1	1
Per Dozen	$7.55	8.40	9.55

Nos.	010	012
T. Cap., Qts.	10	12
Inches	10⅜x6¼	11½x6⅞
Wt. Dz., Lbs.	70	95
Doz. in Case.	1	1
Per Dozen	$12.00	14.50

DISH PANS



Seamless, Deep.

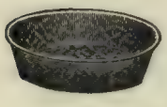
T. Cap., Qts.	8	10	14
Inches	14⅛x4⅜	15¼x4½	16½x5
Wt. Dz., Lbs.	32	37	50
Doz. in Case.	2	2	1
Per Dozen	$6.70	7.35	8.65

T. Cap., Qts.	17	21	30
Inches	18x5	19¾x5½	22¼x6
Wt. Dz., Lbs.	55	76	112
Doz. in Case.	1	1	½
Per Dozen	$10.00	12.00	20.00

T. Cap., Qts.	40
Inches	24x7¼
Wt. Dz., Lbs.	140
Doz. in Case.	½
Per Dozen	$28.90

Royal Enameled Steel Ware.

MILK PANS



Seamless.

Trade Cap., Qts...	½	1	1½	2
Inches	6x1½	7x1⅝	7¾x1⅞	8½x1¾
Wt. Dozen, Lbs...	4	6	6½	7
Dozen in Case....	6	6	6	6
Per Dozen	$1.45	1.55	1.90	2.00

Trade Cap., Qts...	3	4	5	6
Inches	9¼x2¼	10⅞x2½	11¾x2⅝	12⅝x2¾
Wt. Dozen, Lbs...	9	11	15	16
Dozen in Case....	6	6	6	6
Per Dozen	$2.25	2.70	3.25	3.60

Trade Cap., Qts...	8	10	12
Inches	13¼x3	14½x3	15½x3⅛
Wt. Dozen, Lbs...	18	20	25
Dozen in Case....	4	4	4
Per Dozen	$4.25	5.85	6.80

PUDDING PANS

Seamless, Deep.

Trade Cap., Qts...	½	1	1½	2
Inches	6⅝x2	7⅜x2½	8⅛x2½	8¾x2¾
Wt. Dozen, Lbs...	4	7	8	9
Dozen in Case....	6	6	6	6
Per Dozen	$1.55	1.90	2.20	2.45

Trade Cap., Qts...	3	4	5
Inches	9½x3	10⅛x3½	11x3⅜
Wt. Dozen, Lbs...	11	13	14
Dozen in Case....	6	6	6
Per Dozen	$2.70	3.15	3.55

Trade Cap., Qts...	6	8	10
Inches	11¾x3½	13x3½	13½x4¼
Wt. Dozen, Lbs...	17	20	23
Dozen in Case....	6	4	4
Per Dozen	$4.00	4.90	6.45

SEAMLESS BOWLS

Seamless Bowls.

Nos.	14	16	18	20
Trade Cap., Qts....	1½	2	2½	3
Inches	6¼x3	7¼x3¼	7½x3¾	8¼x4
Wt. Dozen, Lbs....	8	8½	10	12
Dozen in Case.....	6	6	6	4
Per Dozen	$2.25	2.55	2.90	3.35

Nos.	22	24	26	28
Trade Cap., Qts....	4	5	6	7½
Inches	8¾x4¼	9⅞x4⅜	10⅞x4⅞	11½x5
Wt. Dozen, Lbs....	14	15	25	28
Dozen in Case.....	4	3	2	2
Per Dozen	$3.90	4.50	4.85	5.90

SOUP BOWLS

Soup Bowls.

No.	125
Inches	5¾x3
Weight Per Dozen, Lbs.....	6
Dozen in Case.....	6
Per Dozen	$2.25

STEAMERS

Steamers, Enameled Covers.

Nos.	7	8	9
Inches	9½	10½	11¼
Wt. Per Dozen, Lbs.....	47	60	63
Dozen in Case.....	1	1	1
Per Dozen	$12.00	14.00	16.00

MUFFIN PANS

Cups 3½x⅞ in., Solid Frame.

Nos.	406	408	409	412
Cups on Frame...	6	8	9	12
Inches	10¼x6¾	13½x6¾	10¼x10¼	13½x10¼
Wt. Dozen, Lbs...	18	21	24	27
Dozen in Case....	2	2	2	2
Per Dozen	$4.50	5.25	6.00	7.25

CORN CAKE PANS

Cups 3½x1⅝ in., Solid Frame.

Nos.	706	708	709	712
Cups on Frame...	6	8	9	12
Inches	10¼x6¾	13½x6¾	10¼x10¼	13½x10¼
Wt. Dozen, Lbs...	18	24	26	28
Dozen in Case....	2	2	2	2
Per Dozen	$5.25	6.00	7.25	8.00

Royal Enameled Steel Ware.

BREAD PANS

Deep.

Nos.	11	12
Inches	9¾x4½x3	10¾x5⅝x3⅛
Wt. Doz., Lbs.	11	13
Doz. in Case..	6	6
Per Dozen ..	$3.55	4.50

Nos.	13
Inches	11½x6x3
Wt. Doz., Lbs.	15
Doz. in Case.	6
Per Dozen ..	$5.25

OBLONG PANS

Shallow, Folded Ends.

Nos.	03	04
Inches	12x8x1⅜	13x9¼x1¾
Wt. Doz., Lbs..	10	12
Dozen in Case.	6	6
Per Dozen	$3.30	3.55

OBLONG PANS

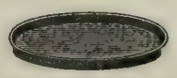
Deep, Folded Ends.

Nos.	01	02
Inches	9⅛x5⅜x2⅜	10⅜x6⅜x2
Wt. Doz., Lbs.	9	10
Doz. in Case..	6	6
Per Dozen ..	$2.80	3.30

SPONGE CAKE PANS

No.	200
Inches	13⅝x5¼x2½
Wt. Per Dozen, Lbs....	14
Dozen in Case.....	6
Per Dozen	$3.55

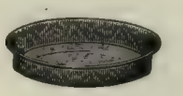
JELLY CAKE PANS



Shallow, ⅝ in. Deep.

Nos.	8	9	10
Inches	8	9	10
Wt. Doz., Lbs..	6	8	10
Dozen in Case.	6	6	6
Per Dozen	$1.80	2.00	2.25

JELLY CAKE PANS



Deep, 1 in. Deep.

Nos.	68	69	70
Inches	8	9	10
Wt. Doz., Lbs..	7	8	10
Dozen in Case.	6	6	6
Per Dozen	$2.00	2.25	2.55

MOUNTAIN CAKE PANS

1¼ in. Deep.

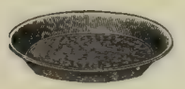
Nos.	78	79	80
Inches	8	9	10
Weight Per Dozen, Lbs.....	8	9	11
Dozen in Case.....	6	6	6
Per Dozen	$2.45	2.70	2.90

PIE PLATES

Shallow, ⅞ in. Deep.

Nos.	27	28	29	30	31
Inches	7	8	9	10	11
Wt. Per Dozen, Lbs....	3½	4	5	7	9
Dozen in Case.....	12	12	12	12	12
Per Dozen	$1.50	1.55	1.90	2.15	2.70

PIE PLATES



Deep, 1¼ in. Deep.

Nos.	39	40	41
Inches	9	10	11
Wt. Doz., Lbs..	6	7	9
Dozen in Case.	12	12	12
Per Dozen	$2.25	2.55	3.15

DINNER PLATES

Flat Bottom.

Nos.	19	20	21
Inches	9	10	11
Wt. Doz., Lbs.	6	8	10
Dozen in Case.	12	12	12
Per Dozen	$2.45	2.80	3.25

SOUP PLATES

Seamless.

Nos.	58	59	60
Inches	8¾	9⅞	10¾
Wt. Doz., Lbs..	6	8	9
Dozen in Case.	12	12	12
Per Dozen	$2.25	2.55	3.10

OBLONG STOVE PANS.

Seamless.

Nos.	200	300	325	350
Inches	8x10½x2½	8½x12x2½	9x13x2½	9½x14x2½
Wt. Per Dozen, Lbs.....	20	24	27	30
Dozen in Case.....	2	2	2	2
Per Dozen	$4.80	5.90	6.70	7.30

Nos.	400	425	450	475	500	550
Inches	10½x15x2½	11x16x2½	11x17x2½	12x17x2½	12x18x2½	13x18x2½
Weight Per Dozen, Lbs.....	36	44	48	51	54	58
Dozen in Case.....	2	2	2	2	2	2
Per Dozen	$8.00	8.70	9.30	10.00	10.65	12.00

Royal Enameled Steel Ware.

LIPPED FRY PANS

Deep.

Nos.	31	32	33	34	35	36
Inches	8x1⅝	8⅞x1⅞	9¼x1¾	10x1¾	11x1⅞	12x2
Wt. Doz., Lbs.	15	18	22	24	30	35
Dozen in Case.	3	3	3	3	3	3
Per Dozen	$3.25	3.55	4.00	4.70	5.30	5.90

PERFECTION ROASTERS

Seamless, Oval, Self-Basting.

Nos.	150	180	200
Inches	15x10x7	18x12x8	19½x12½x8½
Wt. Dozen, Lbs.	60	84	96
Dozen in Carton.	1/12	1/12	1/12
Per Dozen	$28.00	36.85	49.00

COLANDERS

Seamless.

Nos.	104	205	306	407
Inches	9⅞	10¾	11½	12
Wt. Doz., Lbs.	18	20	24	33
Doz. in Case.	3	3	3	3
Per Dozen	$4.50	4.90	5.60	6.70

COLANDERS

Seamed.

Nos.	1	2	3
Inches	10	11	12
Wt. Dozen, Lbs.	20	22	24
Dozen in Case.	3	3	3
Per Dozen	$4.50	4.90	6.00

HANDY STRAINERS

Tinned Wire Bottom.

No.	140
Inches	4
Weight Per Dozen, Lbs.	2
Dozen in Case	24
Per Dozen	$1.15

BASTING SPOONS

Seamless.

Nos.	10	12	14	16	18
Wt. Dz., Lbs.	3¼	3½	3¾	4½	5
Dz. in Case.	12	12	12	12	12
Per Dozen	$1.25	1.35	1.55	1.80	2.00

DEEP LADLES

Flat Handle, Solid.

Nos.	90	100	110	120
Inches	4	4¼	4½	5
Wt. Doz., Lbs.	5½	7	7½	8
Dozen in Case.	6	6	6	6
Per Dozen	$2.00	2.15	2.45	2.80

DEEP LADLES

Flat Handle, Pierced.

Nos.	91	101	111	121
Inches	4	4¼	4½	5
Wt. Doz., Lbs.	6	6½	7½	8¼
Dozen in Case.	6	6	6	6
Per Dozen	$2.15	2.25	2.55	2.90

SOUP LADLES

Flat Handle.

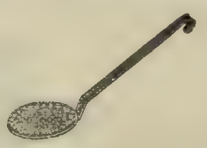
Nos.	29	30
Inches	3⅞x1¾	4¼x1⅞
Wt. Dozen, Lbs.	6	7
Dozen in Case.	6	6
Per Dozen	$2.00	2.45

SOUP LADLES

Threaded Handle.

No.	38
Inches	3¾
Weight Per Dozen, Lbs.	5
Dozen in Case.	6
Per Dozen	$2.00

FLAT SKIMMERS



Flat Handle.

Nos.	9	10	11	12
Inches	4¼	4½	4¾	5
Wt. Doz., Lbs.	6	6	6	7
Dozen in Case.	6	6	6	6
Per Dozen	$1.55	1.90	2.00	2.25

Royal Enameled Steel Ware.

WINDSOR DIPPERS

Improved Round Enameled Handle.

Nos.	100	110	112	114
T. C., Qts..	½	1	2	3
Inches	4½x2⅝	4¾x3	5¾x3	6x3⅛
Wt. Dz., Lbs.	7½	8	11	12
Dz. in Case.	6	6	6	6
Per Dozen..	$2.45	2.80	3.20	4.00

FLARING DIPPERS

Flat Handle.

Nos.	010	011	012
Inches	4x2¼	4⅜x2½	5x2⅞
Wt. Doz., Lbs..	5½	6	9¼
Dozen in Case.	6	6	6
Per Dozen	$2.15	2.25	2.45

CUP DIPPERS

Flat Handle.

Nos.	9	10	11
Inches	3⅞x2⅛	4⅛x2½	4½x2½
Wt. Dz., Lbs.	5½	6½	8½
Dz. in Case.	6	6	6
Per Dozen..	$2.25	2.45	2.70

CUPS AND SAUCERS

Seamless.

Nos.	20	40
Cup, Inches	4⅜x2⅜	4⅛x2½
Dia. Saucer, In..	5⅞	6⅛
Wt. Dozen, Lbs..	9	10
Dozen in Case...	6	6
Per Dozen	$3.50	3.75

DRINKING CUPS

Seamless, Deep.

Nos.	8	9
Trade Cap., Pts.	½	¾
Inches	3½x2¼	3⅞x2⅛
Wt. Dozen, Lbs..	3	3¼
Dozen in Case...	12	12
Per Dozen	$1.45	1.55

Nos.	10	11
Trade Cap., Pts.	1	1¼
Inches	4⅛x2½	4½x2½
Wt. Dozen, Lbs..	3½	4¼
Dozen in Case...	12	12
Per Dozen	$1.70	2.00

PIECED CUPS

Pieced.

Nos.	20	25	40
T. Cap., Pts..	½	1	2
Inches	3x2¼	3⅞x2⅝	5x3¾
Wt. Doz., Lbs..	4½	5	8
Dozen in Case.	12	12	6
Per Dozen	$1.45	1.90	3.15

STRAIGHT CUPS

Seamless.

Nos.	0	6	120
T. C., Pts...	½	1	2
Inches	3½x2¼	3⅞x2¾	5¼x3⅝
Wt. Dz., Lbs.	4½	6½	10
Dz. in Case.	12	12	6
Per Dozen..	$1.55	2.15	3.55

MEASURING CUPS

Marked to Measure Quarters and Thirds of a Cup.

No.	10
Trade Cap., Pts	½
Inches	3⅛x2¾
Weight Per Dozen, Lbs	4
Dozen in Case	12
Per Dozen	$1.90

CHILDREN'S MUGS

Seamless.

Nos.	3	5
Trade Cap., Pts..	½	1
Inches	3¼x3⅛	3½x3½
Wt. Dozen, Lbs..	6	7
Dozen in Case...	6	6
Per Dozen	$2.15	2.70

MOLASSES PITCHERS

With Hinged Lid.

No.	601
Trade Cap., Pints	1½
Weight Per Dozen, Lbs	13
Dozen in Case	2
Per Dozen	$5.30

FRUIT JAR FILLERS

Riveted Handle.

No.	20
Inches	4½
Weight Per Dozen, Lbs	8
Dozen in Case	6
Per Dozen	$2.25

Royal Enameled Steel Ware.

STANDARD MEASURES

Seamed.

Nos.	01	02	03
Capacity, Pints..	¼	½	1
Wt. Dozen, Lbs..	4	5	10
Dozen in Case...	6	6	3
Per Dozen	$2.45	2.80	3.55

Nos.	04	05	06
Capacity, Pints...	2	4	8
Wt. Dozen, Lbs..	13	24	38
Dozen in Case...	3	2	1
Per Dozen	$4.80	6.45	9.20

GRADUATED MEASURES

With Lip.

No.	11
Capacity, Quarts	1
Weight Per Dozen, Lbs.	15
Dozen in Case	3
Per Dozen	$4.50

PIECED FUNNELS

With Handle.

Nos.	01	02	03
Capacity, Pints..	¼	½	1
Wt. Dozen, Lbs..	3	3½	4½
Dozen in Case...	6	6	6
Per Dozen	$2.45	2.80	3.20

Nos.	04	05	06
Capacity, Pints...	2	4	8
Wt. Dozen, Lbs..	10	17	26
Dozen in Case...	4	4	4
Per Dozen	$3.55	4.80	6.00

GROCERS' SCOOPS

Open.

Nos.	2	3
Inches	6¾x5¼	7¾x5⅜
Wt. Doz., Lbs...	8	12
Dozen in Case...	3	3
Per Dozen	$4.00	4.80

Nos.	4	5
Inches	9¾x7	11x7
Wt. Doz., Lbs...	13	17
Dozen in Case...	3	3
Per Dozen	$5.60	6.45

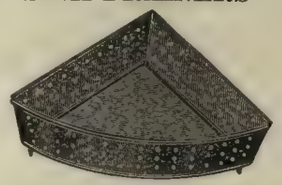
GROCERS' SCOOPS

Covered.

Nos.	20	30
Inches	6¾x4¾	7¾x5¾
Wt. Doz., Lbs...	14	17
Dozen in Case...	3	3
Per Dozen	$6.25	7.20

Nos.	40	50
Inches	9x6½	10¼x7¾
Wt. Doz., Lbs...	25	29
Dozen in Case...	3	3
Per Dozen	$8.75	10.65

SINK DRAINERS



Seamed.

No.	40
Inches	10¼x7½x3
Weight Per Dozen, Lbs...	20
Dozen in Case	12
Per Dozen	$4.80

MILK KETTLES

With Bail, Tin Cover.

Nos	70	71	72	73	74	76
Trade Cap., Qts..	½	1	2	3	4	6
Inches	3¼	4¼	5	6	6½	7
Wt. Dozen, Lbs..	10	15	27	36	38	64
Dozen in Case...	3	3	2	1	1	1
Per Dozen	$4.50	5.40	6.70	8.00	9.75	11.45

MILK KETTLES

With Side Handle, Tin Cover.

Nos.	80	81	82	83	84	86
Trade Cap., Qts..	½	1	2	3	4	6
Inches	3¼	4¼	5	6	6½	7
Wt. Dozen, Lbs..	11	15	26	36	40	67
Dozen in Case...	3	3	2	1	1	1
Per Dozen	$4.50	5.40	6.70	8.00	9.75	11.45

COVERED BUCKETS

Seamed, Tin Cover.

Nos.	19	21	22
T. C., Qts..	½	1	2
Inches	4⅛x2⅞	4¾x4¼	6¼x4¼
Wt. Dz., Lbs.	12	14	22
Dz. in Case.	3	3	3
Per Dozen..	$3.25	3.55	4.35

Nos.	23	24	26
T. C., Qts..	3	4	6
Inches	6⅞x4⅝	7½x6	8⅛x7½
Wt. Dz., Lbs.	28	34	45
Dz. in Case.	2	2	2
Per Dozen..	$5.20	6.45	8.00

COVERED BUCKETS

Seamless, Tin Cover.

Nos.	150	250	350
T. C., Qts..	1	2	3
Inches	5¼x3¾	6x4¼	7⅛x5
Wt. Dz., Lbs.	11	20	30
Dz. in Case.	3	3	3
Per Dozen..	$4.00	4.80	6.00

Nos.		450	650
T. C., Qts..		4	6
Inches		7½x5¼	8¾x5¾
Wt. Dz., Lbs.		36	49
Dz. in Case.		2	2
Per Dozen..		$7.25	9.60

WATER PAILS

Seamless.

Nos.	110	112	114
T. C., Qts..	10	12	14
Inches	10¼x8¼	10¾x9⅝	12x10
Wt. Dz., Lbs.	48	55	63
Dz. in Case.	1	1	1
Per Dozen..	$9.35	10.65	13.35

Royal Enameled Steel Ware.

OBLONG DINNER BUCKETS

Seamed, with Coffee Flask in Cover, Pie Tray and Cup, Patent Self-Locking Bail.

Nos.	110	111	112	113
Inches	8x5	8¼x5½	8¾x6	9¼x6½
Wt. Dozen, Lbs.	40	52	62	67
Dozen in Case	1	1	1	1
Per Dozen	$15.55	16.80	18.00	20.45

OVAL DINNER BUCKETS

Seamed, One Case, without Cup, Enameled Cover.

Nos.	31	41
Trade Cap., Quarts	3	4
Inches	8½x6⅜	9½x7
Weight Per Dozen, Lbs.	55	61
Dozen in Case	1	1
Per Dozen	$15.25	17.55

MINERS' DINNER BUCKETS

Seamless Body and Case, No Pie Tray, Tin Cover.

No.	10
Trade Cap., Quarts	5
Inches	7¾x8¾
Weight Per Dozen, Lbs.	61
Dozen in Case	1
Per Dozen	$16.80

ACME DINNER BUCKETS

One Case, with Pie Tray, without Cup, Enameled Seamless Cover over Outside.

No.	140
Trade Cap., Quarts	4
Inches	6⅝x8
Weight Per Dozen, Lbs.	55
Dozen in Case	1
Per Dozen	$17.35

DINNER BUCKETS

Oval, Seamless, with Seamless Case, Wood Handle, No Cup.

No.	14
Trade Cap., Quarts	4
Bottom, Inches	9x6¾x4 5/16
Case, Inches	8¾x6½x4
Weight Per Dozen, Lbs.	65
Dozen in Case	1
Per Dozen	$14.50

PITCHERS AND BOWLS

Seamless.

Nos.	100	200
Pitcher, T. C., Qts.	3	4
Bowl, Inches	11½	12
Wt. Dozen, Lbs.	55	60
Dozen in Case	1	1
Per Dozen	$16.00	18.65

WATER PITCHERS

Seamless.

Nos.	10	20
Trade Cap., Qts.	3	4
Wt. Dozen, Lbs.	25	38
Dozen in Case	2	1
Per Dozen	$12.70	14.70

WATER PITCHERS

Seamless.

Nos.	0	1	2
Trade Cap., Qts.	1	1½	2
Wt. Dozen, Lbs.	15	20	27
Dozen in Case	2	2	2
Per Dozen	$8.00	9.30	10.70

Nos.	3	4
Trade Cap., Qts.	3	4
Wt. Dozen, Lbs.	33	37
Dozen in Case	2	2
Per Dozen	$12.00	14.65

WASH BOWLS

With Eyelets.

Nos.	26	28	30
Inches	10½	11½	12
Wt. Dozen, Lbs.	11	12	15
Dozen in Case	6	6	6
Per Dozen	$2.45	2.70	3.00

Nos.	32	34	36
Inches	12¾	13¾	14½
Wt. Dozen, Lbs.	16	17	19
Dozen in Case	6	4	4
Per Dozen	$3.60	4.50	6.00

WALL SOAP DISHES

With Drainer.

No.	60
Inches	6½x4¼x¾
Weight Per Dozen, Lbs.	5½
Dozen in Case	6
Per Dozen	$2.25

OBLONG SOAP DISHES

With Drainer.

No.	50
Inches	6x4x1¼
Weight Per Dozen, Lbs.	5
Dozen in Case	6
Per Dozen	$2.90

Royal Enameled Steel Ware.

SPITTOONS

Removable Top.

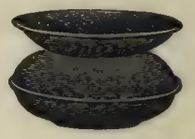
Nos.	20	30
Inches	9½x4½	10½x5⅛
Wt. Dozen, Lbs.	33	41
Dozen in Case	2	2
Per Dozen	$8.50	12.00

SPITTOONS

Removable Top.

No.	100
Inches	8x4
Weight Per Dozen, Lbs.	55
Dozen in Case	2
Per Dozen	$13.35

CUSPIDORS



Seamed.

Nos.	10	20
Inches	7x3½	7¼x4⅛
Wt. Dozen, Lbs.	15	17
Dozen in Case	3	3
Per Dozen	$4.00	4.80

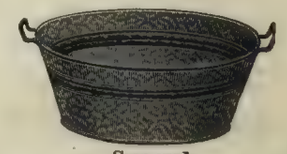
Nos.	30	40
Inches	7½x4¼	8½x5¼
Wt. Dozen, Lbs.	23	30
Dozen in Case	3	3
Per Dozen	$6.00	7.25

CHAMBER PAILS

Seamed.

No.	3
Trade Cap., Quarts	12
Weight Per Dozen, Lbs.	100
Dozen in Case	½
Per Dozen	$18.70

OVAL FOOT BATHS



Seamed.

Nos.	0	1	2
Inches	15x12x6	16½x12x6	17½x13½x6½
Wt. Dozen, Lbs.	57	63	78
Dozen in Case	1	1	1
Per Dozen	$11.25	12.00	13.60

Nos.	3	4
Inches	18x14x7½	19x15½x8
Wt. Dozen, Lbs.	90	120
Dozen in Case	½	½
Per Dozen	$16.00	19.25

CHAMBERS

Seamless, Riveted Handle.

Nos.	1	1½	2	3
Inches	7¾x4	8¾x4⅝	9¾x5	10x5⅝
Wt. Per Dozen, Lbs.	20	26	32	35
Dozen in Case	2	2	2	2
Per Dozen	$4.50	5.60	6.70	7.60

CHAMBER COVERS

With Enameled Knob.

Nos.	1	1½	2	3
Inches	8	9	10	10¼
Weight Per Dozen, Lbs.	10	12	15	15
Dozen in Case	2	2	2	2
Per Dozen	$2.10	2.55	2.90	3.35

BED PANS

Seamed, Enameled Cover, Enameled Wood Knob.

No.	1
Diameter of Opening, Inches	7
Diameter of Spout, Inches	2
Length Over All, Inches	18½
Weight Per Dozen, Lbs.	54
Dozen in Case	½
Per Dozen	$28.00

BED OR DOUCHE PANS

Seamed, Oblong, Half Covered, Sunk Top.

No.	2
Inches	15x11¼
Depth, Inches	2¾
Weight Per Dozen, Lbs.	50
Dozen in Case	½
Per Dozen	$21.35

Garnet Enameled Ware.

CREAM CITY

The Coloring is a Beautiful Reddish Brown with Irregular Tracings and Splashings of White.

SEAMLESS COFFEE POTS

No. 2015 Series.

No. 2151 Series.

Hollow Enameled Steel Handle, Retinned Rimmed Cover, Tin Knob.

Nos.	2015	2025	2035	2045
Quarts	1½	2	2⅝	3⅜
Inches	4¾x8⅝	5¼x9¼	5¾x9¾	6½x10½
Wt. Dozen, Lbs.	36	37	42	50
Dozen in Case	1	1	1	1
Per Dozen	$8.35	9.10	10.70	12.25

Hollow Enameled Steel Handle, Enameled Rimmed Cover, Enameled Knobs.

Nos.	2151	2251	2351	2451
Quarts	1½	2	2⅝	3⅜
Inches	4¾x8⅝	5¼x9¼	5¾x9¾	6½x10½
Wt. Dozen, Lbs.	36	37	42	50
Dozen in Case	1	1	1	1
Per Dozen	$9.50	10.00	11.75	13.35

SEAMED COFFEE POTS

No. 5 Series.

No. 51 Series.

Hollow Enameled Handle, Rimmed Retinned Cover, Wood Knob.

Nos.	5	15	25	35	45	55
Quarts	1	1½	2	2¾	3¼	4
Inches	4½x7	5¼x7¼	5¾x8	6½x9	6¾x9¼	7¼x10¾
Wt. Dz., Lbs.	24	26	21	24	26	47
Doz. in Case	1	1	½	½	½	1
Per Dozen	$5.35	6.10	6.85	7.60	8.35	9.50

Hollow Enameled Steel Handles, Enameled Rimmed Cover, Enameled Knobs.

Nos.	51	151	251	351	451	551
Quarts	1	1½	2	2¾	3¼	4
Inches	4½x7	5¼x7¼	5¾x8	6½x9	6¾x9¼	7¼x10¾
Wt. Dz., Lbs.	24	26	21	24	26	47
Doz. in Case	1	1	½	½	½	1
Per Dozen	$6.10	6.85	7.60	8.35	9.15	10.25

Nos. 25 to 45 and 251 to 451, in Paper Carton.

SEAMLESS TEA POTS

No. 2010 Series.

No. 3010 Series.

Hollow Enameled Steel Handle, Retinned Rimmed Cover. Tin Knobs.

Nos.	2010	2020	2030	2040
Quarts	1½	2	2⅝	3½
Inches	4¾x8⅝	5¼x9¼	5¾x9¾	6½x10½
Wt. Dozen, Lbs.	35	37	42	48
Dozen in Case	1	1	1	1
Per Dozen	$8.90	9.60	11.15	12.75

Hollow Enameled Steel Handle, Enameled Rimmed Cover, Enameled Knob.

Nos.	3010	3020	3030	3040
Quarts	1½	2	2⅝	3½
Inches	4¾x8⅝	5¼x9¼	5¾x9¾	6½x10½
Wt. Dozen, Lbs.	35	37	42	48
Dozen in Case	1	1	1	1
Per Dozen	$9.90	10.70	12.25	13.00

SEAMED TEA POTS

No. 0 Series.

No. 01½ Series.

Hollow Enameled Steel Handle, Retinned Rimmed Cover, Wood Knob.

Nos.	0	10	20	30	40
Quarts	1	1½	2	2¾	3¼
Inches	4½x7	5¼x7¼	5¾x8	6½x9	6¾x9¼
Wt. Doz., Lbs.	25	26	22	38	41
Dozen in Case	1	1	½	1	1
Per Dozen	$5.70	6.50	7.25	8.00	8.75

Hollow Enameled Steel Handle, Enameled Rimmed Cover, Enameled Knob.

Nos.	01½	101	201	301	401
Quarts	1	1½	2	2¾	3¼
Inches	4½x7	5¼x7¼	5¾x8	6½x9	6¾x9¼
Wt. Doz., Lbs.	25	26	22	38	41
Dozen in Case	1	1	½	1	1
Per Dozen	$6.50	7.25	8.00	8.75	9.50

Nos. 20 and 201, One-half Dozen in a Paper Carton.

COFFEE BOILERS

Retinned Cover, Flat Bottom, Back Handle and Bail.

Nos.	07	08	09
Quarts	5	6¾	9
Inches	9x8½	9½x9	10½x9½
Wt. Doz., Lbs.	53	65	80
Dozen in Case	1	1	1
Per Dozen	$11.50	13.70	17.50

COFFEE BOILERS

Enameled Cover, Flat Bottom, Back Handle and Bail.

Nos.	071	081	091
Quarts	5	6¾	9
Inches	9x8½	9½x9	10½x9½
Wt. Doz., Lbs.	53	65	80
Dozen in Case	1	1	1
Per Dozen	$12.25	14.90	18.65

TEA STEEPERS OR BABY FOOD CUPS

Seamless, Retinned Cover, Low Pattern.

Nos.	1	3
Quarts	⅜	⅞
Inches	3¾x2¾	5x3½
Wt. Doz., Lbs.	9	14
Per Dozen	$3.45	4.20

Open Stock.

Garnet Enameled Ware.

CREAM CITY

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TEA KETTLES

Seamed, Enameled Cover, Flat Bottom.

Nos.	04	05	06
Quarts	1⅝	2	3¾
Inches	7⅜x3⅝	8x3¾	9¼x4¾
Wt. Dz., Lbs.	37	40	49
Doz. in Case	1	1	1
Per Dozen..	$8.00	9.15	10.30

Nos.	07	08	09
Quarts	4¾	6	6¾
Inches	10⅛x5¼	10⅛x5⅞	11x6⅛
Wt. Dz., Lbs.	40	45	48
Doz. in Case	½	½	½
Per Dozen..	$11.50	13.30	16.00

Nos. 07 to 09, in Paper Container.

TEA KETTLES

Seamless, Enameled Cover, Flat Bottom.

Nos.	180	190
Quarts	7	9
Inches	10x6¼	10½x6¾
Wt. Doz., Lbs.	62	72
Per Dozen	$15.20	18.25

Open Stock.

MILK KETTLES

Seamed, Retinned Cover, with Wire Bail.

Nos.	11	12	13
Quarts	1	2	3
Inches	4¼x5¾	5x7¼	5⅞x8⅜
Wt. Doz., Lbs.	18	21	24
Per Dozen	$4.60	5.70	6.85

Nos.	14	16
Quarts	4	6
Inches	6½x9	7¼x10⅝
Wt. Doz., Lbs.	28	32
Per Dozen	$8.50	10.00

Open Stock.

MILK OR RICE BOILERS

Seamless, Retinned Cover.

Nos.	52	53	54	55
Quarts, Inside Boiler	1¼	1½	2½	3½
Wt. Doz., Lbs.	54	55	68	87
Dozen in Case	1	1	1	1
Per Dozen	$9.15	10.70	13.70	15.20

MILK OR RICE BOILERS

Seamless, Enameled Cover.

Nos.	521	531	541	551
Quarts, Inside Boiler	1¼	1½	2½	3½
Wt. Doz., Lbs.	51	62	74	93
Dozen in Case	1	1	1	1
Per Dozen	$9.90	11.80	15.20	16.85

CEREAL COOKERS

Combination Sauce Pan and Preserving Kettle, Retinned Cover.

No.	020
Quarts, Inset	1½
Weight Per Dozen, Lbs.	36
Per Dozen	$7.70

Open Stock.

LIPPED SAUCE PANS

Seamless, Flat Handle.

Nos.	12	14	16
Quarts	⅞	1⅛	1⅜
Inches	5⅞x2⅝	6½x2¾	7x3¼
Wt. Per Dozen, Lbs.	9	10	14
Dozen in Case	6	6	3
Per Dozen	$2.50	2.65	3.10

Nos.	18	20	22
Quarts	2	2½	3¼
Inches	7¾x3½	8⅜x3⅞	9x4⅛
Wt. Per Dozen, Lbs.	17	18	22
Dozen in Case	3	3	3
Per Dozen	$3.45	4.00	4.60

Nos.	24	26	28
Quarts	4¼	6	6⅞
Inches	9⅞x4½	10⅞x4⅞	11⅜x5½
Wt. Per Dozen, Lbs.	25	30	40
Dozen in Case	3	2	2
Per Dozen	$5.15	5.70	6.85

PRESERVING KETTLES

Seamless, Lipped, Deep, with Bail.

Nos.	16	18	20	22
Quarts	1⅜	2	2⅝	3⅜
Inches	7x3¼	7¾x3½	8⅜x3⅞	9x4⅛
Wt. Dozen, Lbs.	10	16	17	21
Dozen in Case	3	3	3	3
Per Dozen	$3.10	3.40	4.00	4.60

Nos.	24	26	28	30
Quarts	4½	5½	6¾	8¼
Inches	9⅞x4½	10⅞x4⅞	11¼x5½	12¼x5⅜
Wt. Dozen, Lbs.	24	27	36	38
Dozen in Case	3	2	2	1
Per Dozen	$5.15	5.70	6.85	8.40

Nos.	32	36	40
Quarts	9½	13	16
Inches	12½x5¾	13¾x6½	15½x7¾
Wt. Dozen, Lbs.	42	65	66
Dozen in Case	1	1	1
Per Dozen	$9.90	12.20	18.35

Garnet Enameled Ware.

CREAM CITY

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BERLIN KETTLES

Nos. 02 to 012.

Seamless, RETINNED COVER.

Nos.	02	03	04	06	08	010	012
Quarts	1¾	3	4	5½	8	9¾	11
Inches	6x4	7⅛x4⅜	7½x4¾	8⅝x6	9⅝x7⅛	10⅝x7¾	11½x8⅛
Wt. Doz., Lbs.	19	21	27	33	40	47	90
Dozen in Case.	3	½	½	½	½	½	1
Per Dozen.....	$4.60	5.35	6.50	8.00	9.15	11.40	13.70

Seamless, ENAMELED Cover.

Nos.	021	031	041	061	081	0101	0121
Quarts	1¾	3	4	5½	8	9¾	11
Inches	6x4	7⅛x4⅜	7½x4¾	8⅝x6	9⅝x7⅛	10⅝x7¾	11½x8⅛
Wt. Doz., Lbs.	21	25	29	37	44	51	92
Dozen in Case.	3	½	½	½	½	½	1
Per Dozen.....	$5.70	6.50	7.60	9.50	11.40	13.70	16.00

Nos. 021 to 0121.

Nos. 03 to 010 and 031 to 0101, One-half Dozen in a Paper Container.

BERLIN SAUCE PANS

Nos. 02 to 012.

Seamless, RETINNED Cover, Round Steel Handle.

Nos.	02	03	04	06	08	010	012
Quarts	1¾	3	4	5½	8	9¾	11
Inches	6x4	7⅛x4⅜	7½x4¾	8⅝x6	9⅝x7⅛	10⅝x7¾	11½x8⅛
Wt. Doz., Lbs.	26	32	38	54	80	89	98
Per Dozen.....	$4.60	5.35	6.50	8.00	9.15	11.40	13.70

Seamless, ENAMELED Cover, Round Steel Handle.

Nos.	021	031	041	061	081	0101	0121
Quarts	1¾	3	4	5½	8	9¾	11
Inches	6x4	7⅛x4⅜	7½x4¾	8⅝x6	9⅝x7⅛	10⅝x7¾	11½x8⅛
Wt. Doz., Lbs.	29	35	41	57	84	93	104
Per Dozen.....	$5.70	6.50	7.50	9.50	11.40	13.70	16.00

Nos. 021 to 0121.

Open Stock.

IMPERIAL MASLIN KETTLES

Seamless, RETINNED Self-Locking Cover, Self-Draining.

Nos. 50 to 100.

Nos.	50	60	70	100
Quarts	5	6	6⅞	9⅝
Inches	9⅜x5¼	9¾x5⅜	10⅜x5½	12x6¼
Weight Per Dozen, Lbs.	36	41	67	80
Dozen in Case.	2	2	2	1
Per Dozen	$7.60	8.40	9.90	12.60

Seamless, ENAMELED Self-Locking Covers, Self-Draining.

Nos.	500	600	700	1000
Quarts	5	6	6⅞	9⅝
Inches	9⅜x5¼	9¾x5⅜	10⅜x5½	12x6¼
Weight Per Dozen, Lbs.	36	41	67	80
Dozen in Case.	2	2	2	1
Per Dozen	$9.50	10.65	11.80	15.20

Nos. 500 to 1000.

BERLIN SAUCE POTS

Seamless, RETINNED COVER, Hollow Side Handle.

Nos. 02 to 012.

Nos.	02	03	04	06	08	010	012
Quarts	1¾	3	4	5½	8	9¾	11
Inches	6x4	7⅛x4⅜	7½x4¾	8⅝x6	9⅝x7⅛	10⅝x7¾	11½x8⅛
Wt. Doz., Lbs.	18	14	20	24	30	37	90
Dozen in Case.	3	½	½	½	½	½	1
Per Dozen	$4.60	5.35	6.50	8.00	9.15	11.40	13.70

Nos. 03 to 010, One-half Dozen in a Paper Container.

Seamless, ENAMELED COVER, Hollow Side Handle.

Nos.	041	061	081	0101	0121
Quarts	4	5½	8	9¾	11
Inches	7½x4¾	8⅝x6	9⅝x7⅛	10⅝x7¾	11½x8⅛
Wt. Per Dozen, Lbs.	20	24	30	37	184
Dozen in Case.	½	½	½	½	1
Per Dozen	$7.60	9.50	11.40	13.70	16.00

Nos. 041 to 0121.

Nos. 041 to 021, One-half Dozen in a Paper Container.

Garnet Enameled Ware.

CREAM CITY

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STRAIGHT SAUCE POTS

Seamless, RETINNED COVER, Hollow Side Handles.

Nos.	20	30	40	60
Quarts	1½	2½	3	5
Inches	6x4	7x4⅞	7½x5⅛	8½x6
Wt. Per Dozen, Lbs.	20	29	34	43
Per Dozen	$4.60	5.70	6.85	9.15

Nos.	80	100	120
Quarts	7	8½	10
Inches	9¼x6¾	10¼x7½	11½x8⅛
Wt. Per Dozen, Lbs.	70	87	94
Per Dozen	$11.40	13.70	16.00

Open Stock.

Seamless, ENAMELED COVER, Hollow Side Handles.

Nos.	401	601	801
Quarts	3	5	7
Inches	7½x5⅛	8½x6	9¼x6¾
Wt. Per Dozen, Lbs.	35	44	72
Per Dozen	$8.00	10.30	13.00

Nos.	1001	1201
Quarts	8½	10
Inches	10¼x7½	11½x8⅛
Wt. Per Dozen, Lbs.	90	95
Per Dozen	$15.20	18.25

Open Stock.

STRAIGHT STOCK POTS

Seamed, Side Handles, without Cover.

Nos.	022	024	026
Quarts	7¼	8½	12
Inches	9⅜x7	10x7¾	10⅞x8½
Wt. Per Dozen, Lbs.	66	77	82
Per Dozen	$9.90	11.40	14.50

Nos.	028	030	032
Quarts	16	19	23
Inches	12x9¼	12¾x9⅜	13¼x10⅜
Wt. Per Dozen, Lbs.	105	120	140
Per Dozen	$16.75	19.00	21.25

Open Stock.

BREAD RAISERS

Seamless, Ventilated Tin Cover, Hollow Handles.

Nos.	10	14	17
Quarts	9¾	13	17
Inches	14½	16¼	17¾
Weight Per Dozen, Lbs.	74	95	107
Per Dozen	$16.00	18.25	21.20

Open Stock.

RINSING PANS

Seamless, Hollow Handles.

Nos.	08	010	014	017
Quarts	6½	7½	11	13¼
Inches	14x4¼	14¾x4½	16¾x5½	17¾x5
Wt. Dozen, Lbs.	28	31	40	49
Per Dozen	$6.85	7.60	9.15	10.65

Open Stock.

DISH PANS

Seamless, Hollow Handles.

Nos.	10	14	17	21	30
Quarts	9¼	11	14½	19	27
Inches	14½x5⅛	16¼x5½	17¾x5⅝	19½x6	21¼x6¾
Wt. Doz., Lbs.	48	64	76	84	121
Doz. in Case.	1	1	1	1	1
Per Dozen.	$9.50	11.40	13.30	15.00	22.80

MILK PANS

Seamless.

Nos.	0½	01	01½	02	03
Quarts	½	¾	1	1⅜	1⅞
Inches	6x1½	6¾x1¾	7¾x1⅞	8½x2⅛	9¼x2⅜
Wt. Doz., Lbs.	5	7	9	10	13
Doz. in Case.	6	6	6	6	6
Per Dozen.	$1.70	1.90	2.10	2.30	2.65

Nos.	04	05	06	08	010
Quarts	2¾	3¾	4	5	6
Inches	10⅞x2½	11¾x2⅝	12¼x2¾	13½x2⅞	14½x3
Wt. Doz., Lbs.	14	20	24	30	35
Doz. in Case.	6	6	6	6	3
Per Dozen.	$3.45	3.80	4.20	5.00	5.70

PUDDING PANS

Seamless.

Nos.	½	1	1½	2	3
Quarts	¾	1	1⅜	1¾	2½
Inches	6⅜x2¼	7x2⅜	9¾x2⅞	8½x3	9¼x3⅛
Wt. Doz., Lbs.	7	8	11	13	15
Dozen in Case.	6	6	6	6	6
Per Dozen.	$1.90	2.30	2.50	2.85	3.05

Nos.	4	5	6	8
Quarts	2¾	3½	4¼	5¼
Inches	10x3¼	10¾x3⅜	11½x3½	12⅜x4
Wt. Doz., Lbs.	18	20	23	40
Dozen in Case.	6	6	3	3
Per Dozen.	$3.45	3.80	4.60	5.35

Garnet Enameled Ware.

CREAM CITY

The Coloring is a Beautiful Reddish Brown with Irregular Tracings and Splashings of White.

STEW PANS

Shallow, Seamless, Straight Flat Handle. Without Cover.

Nos.	7	8
Quarts	1½	2
Inches	7x2½	7½x3
Wt. Dozen, Lbs.	18	21
Per Dozen	$3.05	3.45

With Retinned Cover.

Nos.	77	88
Per Dozen	$3.80	4.20

Open Stock.

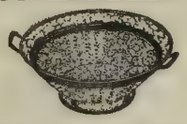
SOUP BOWLS

Seamless.

Nos.	140	150
Quarts	¾	1
Inches	5⅞x2⅝	6½x3
Wt. Dozen, Lbs.	12	13
Per Dozen	$2.30	2.50

Open Stock.

CULLENDERS



Seamed, Wrought Handles.

No.	25
Inches	11½
Weight Per Dozen, Lbs.	24
Per Dozen	$6.10

Open Stock.

BAKE PANS

Retinned Cover, Hollow Side Handles,

No.	50
Quarts	3½
Inches	10¾x3⅜
Weight Per Dozen, Lbs.	20
Per Dozen	$6.00

Open Stock.

SOUP STRAINERS

German Pattern, Seamless, Hollow Round Handle.

No.	75
Quarts	3
Inches	7⅝
Weight Per Dozen, Lbs.	18
Dozen in Case	3
Per Dozen	$5.35

Open Stock.

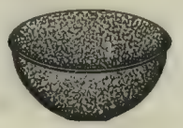
CULLENDERS

Seamless, Wrought Handles.

Nos.	205	206
Inches	10½	11½
Wt. Dozen, Lbs.	20	21
Per Dozen	$5.20	5.70

Open Stock.

MIXING BOWLS



Seamless.

Nos.	115	120	125
Quarts	¾	1	1½
Inches	5⅞	6¾	7½
Wt. Dozen, Lbs.	12	13	14
Per Dozen	$2.30	2.65	2.85
Nos.		130	140
Quarts		1¾	3½
Inches		8⅛	10¼
Wt. Dozen, Lbs.		17	21
Per Dozen		$3.45	4.60

Open Stock.

SINK DRAINERS

Round, Seamless, with Feet.

No.	1½
Inches	10x2⅞
Weight Per Dozen, Lbs.	14
Per Dozen	$3.45

Open Stock.

CULLENDERS

German Pattern, Extra Deep, Seamless Wrought Handles.

No.	95
Inches	9½
Weight Per Dozen, Lbs.	19
Per Dozen	$6.00

Open Stock.

MUFFIN PANS

Solid Frame.

Nos.	6	8	12
Inches	10¾x7¼	14¼x7¼	14¼x10¾
Cups	6	8	12
Size of Cups, Inches	3¼x1	3¼x1	3¼x1
Weight Per Dozen, Lbs.	13	17	26
Per Dozen	$4.20	5.00	6.85

Open Stock.

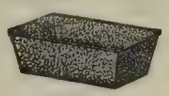
CORN CAKE PANS

Solid Frame.

Nos.	06	08	012
Inches	10¾x7¼	14¼x7¼	14¼x10¾
Cups	6	8	12
Size of Cups, Inches	3¼x1½	3¼x1½	3¼x1½
Weight Per Dozen, Lbs.	17	20	27
Per Dozen	$5.00	5.70	7.60

Open Stock.

BREAD PANS



Wired.

Nos.	1	2
Inches	9¼x3⅛x5	10¼x3¼x6
Wt. Doz., Lbs.	11	13
Per Dozen	$3.45	4.20
No.		3
Inches		12x3¼x6¾
Wt. Doz., Lbs.		17
Per Dozen		$5.00

Open Stock.

SPONGE CAKE PANS

Wired.

No.	150
Inches	12¼x3x5
Weight Per Dozen, Lbs.	13
Per Dozen	$3.45

Open Stock.

JELLY CAKE PANS

Deep, 1 in. Deep.

Nos.	9	10
Inches	9	10
Wt. Dozen, Lbs.	8	9
Dozen in Case	12	12
Per Dozen	$2.30	2.35

Garnet Enameled Ware.

CREAM CITY

The Coloring is a Beautiful Reddish Brown with Irregular Tracings and Splashings of White.

MOUNTAIN CAKE PANS

	1⅜ in. Deep.	
Nos.	90	100
Inches	9	10
Wt. Dozen, Lbs.	9	11
Dozen in Case	12	12
Per Dozen	$2.65	3.05

PIE PLATES

	Shallow, ⅞ in. Deep.	
Nos.	9	10
Inches	9	10
Wt. Dozen, Lbs.	8	9
Dozen in Case	12	12
Per Dozen	$2.10	2.50

PIE PLATES

	Deep, 1¼ in. Deep.	
Nos.	90	100
Inches	9	10
Wt. Dozen, Lbs.	8	10
Dozen in Case	12	12
Per Dozen	$2.30	2.65

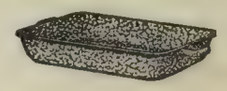
ACME FRY PANS

Cool Handles.

Nos.	3	4
Inches	7½	8
Weight Per Dozen, Lbs.	15	17
Per Dozen	$5.20	5.70

Open Stock.

OBLONG STOVE PANS



Hollow Handles.

Nos.	300	350
Inches	8½x12x2½	9½x14x2½
Weight Per Dozen, Lbs.	18	20
Per Dozen	$6.10	7.60
Nos.	400	450
Inches	10½x15x2½	11½x16x2½
Weight Per Dozen, Lbs.	22	24
Per Dozen	$8.40	9.90

Open Stock.

BASTING SPOONS

Seamless.

Inches	10	12	14	16	18
Wt. Dz., Lbs.	3	3	4	5	5
Per Dozen	$1.35	1.55	1.70	1.90	2.10

Open Stock.

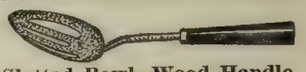
CAKE MIXING SPOONS

Solid Bowl, Wood Handle.

No.	04
Inches	11
Weight Per Dozen, Lbs.	3
Per Dozen	$1.70

Open Stock.

CAKE MIXING SPOONS



Slotted Bowl, Wood Handle.

No.	4
Inches	11
Weight Per Dozen, Lbs.	3
Per Dozen	$1.70

Open Stock.

FLAT SKIMMERS

Flat Handle.

Nos.	10	12
Inches	4½	5
Wt. Dozen, Lbs.	6	7
Per Dozen	$1.90	2.30

Open Stock.

SOLID LADLES

Flat Handle.

Nos.	9	10
Pints	¼	⅜
Inches	3¾	3⅞
Wt. Dozen, Lbs.	8	9
Per Dozen	$2.10	2.30

Open Stock.

PIERCED LADLES

Flat Handle.

No.	101
Inches	3⅞
Weight Per Dozen, Lbs.	8
Per Dozen	$2.50

Open Stock.

CUP DIPPERS

Flat Handle.

Nos.	9	10
Pints	⅝	¾
Inches	4¼x1⅞	4⅝x2⅛
Wt. Dozen, Lbs.	8	9
Dozen in Case	12	12
Per Dozen	$2.30	2.50

WINDSOR DIPPERS

Oval Steel Handle.

Nos.	600	610
Pints	¾	1
Inches	5x2	5⅜x2⅜
Wt. Dozen, Lbs.	9	10
Dozen in Case	6	6
Per Dozen	$2.00	3.05
Nos.	612	614
Pints	1¾	2¼
Inches	5⅞x2½	6½x2⅝
Wt. Dozen, Lbs.	13	14
Dozen in Case	6	6
Per Dozen	$3.45	3.80

COCOA SHAPE DIPPERS

Enameled Wood Handle, Riveted Shanks.

No.	151
Inches	4¼x2⅞
Weight Per Dozen, Lbs.	5
Per Dozen	$2.30

Open Stock.

Garnet Enameled Ware.

CREAM CITY

The Coloring is a Beautiful Reddish Brown with Irregular Tracing and Splashings of White.

FLARING DRINKING CUPS

Seamless.

Nos.	90	100	110
Pints	⅝	¾	1
Inches	4¼	4⅝	5
Wt. Dozen, Lbs.	4	4	5
Per Dozen	$1.55	1.70	1.90

Open Stock.

CUPS AND SAUCERS

Seamless.

Nos.	90	100
Cup, Pints	⅝	¾
Saucer, Inches	6¼	6¼
Wt. Dozen, Lbs.	7	8
Per Dozen	$3.05	3.45

Open Stock.

COVERED PAILS

SEAMED, Retinned Cover, Enameled Wood Handle.

Nos.	10	11½	20
Quarts	1	1⅜	1¾
Inches	4½x4¼	5⅛x5	6¼x4¾
Wt. Doz., Lbs.	14	19	21
Dozen in Case.	3	3	3
Per Dozen	$3.45	3.80	4.20

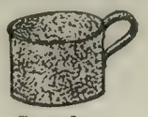
Nos.	30	40	60
Quarts	3¼	4½	6
Inches	6¾x5¾	7¾x6⅛	8¼x7
Wt. Doz., Lbs.	27	36	44
Dozen in Case.	3	3	2
Per Dozen	$5.00	6.10	7.60

OBLONG DINNER PAILS

Self-Locking Cover, Enameled Wood Handle, with Coffee Flask in Cover, Cup and Pie Tray.

No.	193
Quarts	4
Inches	8⅝x6½x5⅞
Weight Per Dozen, Lbs.	50
Dozen in Case	1
Per Dozen	$16.00

DEEP STRAIGHT CUPS



Seamless.

No.	23
Pints	¾
Inches	3¾x3¼
Weight Per Dozen, Lbs.	6
Per Dozen	$2.30

Open Stock.

SAUCERS

Seamless.

No.	0
Inches	6¼
Weight Per Dozen, Lbs.	2
Per Dozen	$1.55

Open Stock.

COVERED PAILS

SEAMLESS, Retinned Cover, Enameled Wood Handle.

Nos.	100	101½	200
Quarts	⅞	1⅜	2
Inches	4¼x4¼	4¾x5	5¼x4⅝
Wt. Doz., Lbs.	15	21	23
Per Dozen	$3.80	4.20	4.60

Nos.	300	400
Quarts	2⅜	3⅜
Inches	6x6⅜	6¾x6⅜
Wt. Doz., Lbs.	29	40
Per Dozen	$5.70	6.90

Nos.	600	800
Quarts	4½	7
Inches	7½x7½	8¼x8⅜
Wt. Doz., Lbs.	48	51
Per Dozen	$9.10	11.40

Open Stock.

ACME DINNER PAILS

Round, One Inset, Outside Cover, Enameled Wood Handle.

	Without Pie Tray	With Enam. Pie Tray
Nos.	40	140
Quarts	4½	4½
Inches	6⅞x7¾	6⅞x7¾
Wt. Dozen, Lbs.	50	55
Dozen in Case.	1	1
Per Dozen	$12.75	14.50

STRAIGHT DRINKING CUPS

Seamed.

Nos.	11	14
Quarts	⅜	1
Inches	3¾x2⅞	4⅜x4½
Wt. Dozen, Lbs.	6	10
Per Dozen	$1.90	2.85

Open Stock.

WATER PITCHERS

Seamless, Convex Shape, Hollow Handle.

Nos.	402	403	404	405
Quarts	1¼	1⅝	1⅞	2⅜
Inches	5¾	6¼	6½	7¼
Wt. Doz., Lbs.	16	18	23	24
Per Dozen	$5.70	6.40	7.25	8.40

Open Stock.

WATER PAILS

Seamless, Full Measure, Enameled Wood Handle.

Nos.	108	100	110
Quarts	7⅜	8¼	9¾
Inches	9½x8¼	10x8⅝	10¾x8⅝
Wt. Dz., Lbs.	48	57	66
Doz. in Case.	1	1	1
Per Dozen	$9.50	10.50	11.40

Nos.	112	114
Quarts	11¾	13¾
Inches	11x9¼	12x9½
Wt. Dz., Lbs.	78	84
Doz. in Case.	1	1
Per Dozen	$13.30	15.20

MINERS' DINNER PAILS

Round, Seamless, Lock Wire Bail, Enameled Wood Handle, Seamless Inset.

No.	77
Quarts	5¾
Inches	7¼x10
Weight Per Dozen, Lbs.	55
Dozen in Case	1
Per Dozen	$13.35

Garnet Enameled Ware.

CREAM CITY

The Coloring is a Beautiful Reddish Brown with Irregular Tracings and Splashings of White.

MEASURES

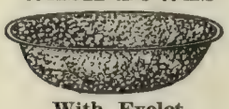
Seamed, with Lip, Flat Handle.

Nos.	01	02	03
Pints	¼	½	1
Inches	2½x2⅜	3⅛x2¾	3⅝x4⅜
Wt. Dz., Lbs.	4	5	7
Per Dozen	$2.30	2.65	3.45

Nos.	04	05	06
Quarts	1	2	4
Inches	4⅜x5¾	5½x7½	6¼x9¼
Wt. Dz., Lbs.	16	24	40
Per Dozen	$4.60	6.10	8.75

Open Stock.

WASH BOWLS



With Eyelet.

Nos.	26	28	30	32
Quarts	2	2½	3¼	3¾
Inches	10½	11½	12¼	13
Wt. Doz., Lbs.	12	14	15	18
Dozen in Case	6	6	6	6
Per Dozen	$3.05	3.45	3.80	4.60

MEASURES

Seamed, Graduated, with Lip, Flat Handle.

No.	1
Quarts	1
Inches	4¼x4½
Weight Per Dozen, Lbs.	12
Per Dozen	$4.60

Open Stock.

OVAL FOOT BATHS

Hollow Handles.

No.	2
Quarts	15½
Inches	18½x14½x8
Wt. Per Dozen, Lbs.	40
Per Dozen	$15.20

Open Stock.

FUNNELS

Seamed, Round Handle.

Nos.	03	04
Pints	1	2
Wt. Dozen, Lbs.	8	13
Per Dozen	$3.05	3.45

Open Stock.

WALL SOAP DISHES

Corrugated Bottom.

	With Drainer	Without Drainer
Nos.	60	060
Inches	6¼x4	6¼x4
Wt. Dozen, Lbs.	5	5
Per Dozen	$2.30	1.90

Open Stock.

CHAMBER PAILS

Seamed, Enameled Cover, Enameled Wood Handle.

No.	812
Quarts	10½
Inches	11⅜x11½
Weight Per Dozen, Lbs.	90
Per Dozen	$16.00

Open Stock.

Seamless, Enameled Cover, Enameled Wood Handle.

No.	12
Quarts	11
Inches	11x8¾
Weight Per Dozen, Lbs.	93
Per Dozen	$18.30

Open Stock.

COVERED CHAMBERS

Seamless, Enameled Cover.

Nos.	11	11½	12
Inches	7½x4½	9¼x4½	10⅛x5⅜
Wt. Dz., Lbs.	30	46	58
Per Dozen	$6.90	8.40	9.90

Open Stock.

CUSPIDORS

Seamed.

No.	1
Inches	7x4
Weight Per Dozen, Lbs.	16
Per Dozen	$3.80

Open Stock.

CHAMBERS

Seamless.

Nos.	1	1½	2
Inches	7½x4½	9¼x4½	10⅛x5⅜
Wt. Dz., Lbs.	20	22	24
Per Dozen	$4.60	5.70	6.90

Open Stock.

CUSPIDORS

Seamed.

No.	3
Inches	7½x5
Weight Per Dozen, Lbs.	21
Per Dozen	$5.70

Open Stock.

CHAMBER COVERS

With Enameled Wood Knob.

Nos.	1	1½	2
Inches	7½	9¼	10⅛
Wt. Dozen, Lbs.	10	11	13
Per Dozen	$2.30	2.65	3.05

Open Stock.

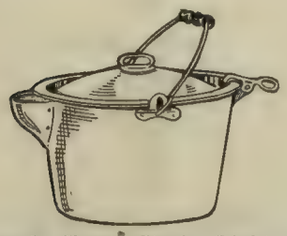
SPITTOONS

Seamed.

No.	30
Inches	10¾x5
Weight Per Dozen, Lbs.	40
Dozen in Case	½
Per Dozen	$10.30

Enameled Ware.

PERFECTION KETTLES



Stamped Sheet Steel, Light Gray Mottled Enamel. Tin Cover, Enameled Wood Bail, for Cooking, Steaming, Preserving and Straining.

Nos.	6	8
Quarts	5½	7
Inches	9¾ x5½	10½ x6⅜
Wt. Dozen, Lbs.	24	31
Per Dozen	$10.70	13.90

Nos.	10	12
Quarts	9	11
Inches	11x6⅞	11¾ x7⅛
Wt. Dozen, Lbs.	36	40
Per Dozen	$16.10	20.00

Open Stock.

DINNER BUCKETS

Rex, Oval, Seamless, Stamped from Heavy Steel, Plain Light Blue Enameled Outside, White Porcelain Lined, Wire Bail, Cherry Wood Handle, **with Tray.**

No.	800
Inches	9¼ x7x4½
Size of Tray, Inches	9x6¾ x4
Weight Per Dozen, Lbs.	60
Per Dozen	$20.60

One-half Dozen in a Carton; One Dozen in a Crate.

DINNER BUCKETS

Belmont, Oval, Seamless, Stamped from Heavy Steel, Bright Black Enameled Outside, Speckled, with White, White Porcelain Lined, Wire Bail, Cherry Wood Handle, **with Tray.**

No.	850
Inches	9¼ x7x4½
Size of Tray, Inches	9x6¾ x4
Weight Per Dozen, Lbs.	60
Per Dozen	$18.35

One-twelfth Dozen in a Box; One Dozen in a Crate.

Galvanized Steel Ware.

WATER DIPPERS

Pieced, Round Handle.

Nos.	421	422
Trade Cap., Qts.	1	2
Inches	5¼ x3	6½ x3¾
Wt. Dozen, Lbs.	7	8
Per Dozen	$2.15	2.35

Open Stock.

WATER DIPPERS

Stamped, Round Handle.

Nos.	210	220
Trade Cap., Qts.	1	2
Inches	5⅜ x2¼	5¾ x2½
Wt. Dozen, Lbs.	6	7
Per Dozen	$2.00	2.25

Open Stock.

LAUNDRY DIPPERS

Stamped, Round Handle.

Nos.	525
Trade Cap., Qts.	4
Inches	8½ x4
Weight Per Dozen, Lbs.	15
Per Dozen	$4.25

Open Stock.

LIQUID MEASURES

U. S. Standard.

Nos.	543	544	545	546
Quarts	½	1	2	4
Wt. Doz., Lbs.	10	12	15	18
Per Dozen	$2.25	3.20	4.50	6.10

Open Stock.

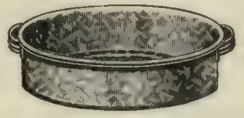
REFRIGERATOR PANS

Straight, Pieced, with Side Handles.

Nos.	2	3	4
Inches	14x4½	16x4⅞	18x5½
Wt. Doz., Lbs.	32	38	56
Per Dozen	$5.35	6.70	10.00

One-half Dozen in a Crate.

REFRIGERATOR PANS



Straight, Seamless, with Side Handles.

Nos.	12	14	16
Inches	12x3¼	14x3½	16x3¾
Wt. Doz., Lbs.	18	22	26
Per Dozen	$4.25	4.90	6.10

One-half Dozen in a Crate.

WATERING POTS

Nos. 518 to 526.

WATERING POTS

Milwaukee Pattern, Zinc Rose.

Nos.	514	516	518	520	522	526
Trade Cap., Qts.	4	6	8	10	12	16
Weight Per Dozen, Lbs.	30	36	46	54	60	70
Per Dozen	$5.35	6.45	7.60	8.90	10.00	12.75

Nos. 514 and 516, One Dozen; Balance One-half Dozen in a Crate.

WASH BOWLS

Nos. 7 to 8.

WASH BOWLS

Stamped, with Eyelet.

Nos.	7	7½	8
Inches	11½	12¼	13
Weight Per Dozen, Lbs.	7½	9	10
Per Dozen	$2.00	2.25	2.70

Open Stock.

Galvanized Steel Ware.

Nos. 82 to 142.

WATER PAILS

Plain.

Nos.	82	102	122	142
Trade Cap., Qts.	8	10	12	14
Inches	9¾x8½	10½x8¾	11x10	11½x10½
Weight Per Dozen, Lbs.	19	21	23	25
Per Dozen	$2 90	3.25	3.50	3.90

Open Stock.

Flaring Shape, 29 Gauge Iron, Two Rivet Reinforced Ears, Heavy Bail, Wood Grip.

Nos.	8010	8012	8014
Capacity, Quarts	10	12	14
Weight Per Dozen, Lbs.	32	35	36
Per Dozen	$5.60	6.15	6.70

One-half Dozen in a Crate.

Nos. 8010 to 8014.

Nos. 510 to 514.

Plain, Extra Heavy.

Nos.	510	512	514	516
Trade Cap., Qts.	10	12	14	16
Inches	10¾x9¼	11¼x9½	11¾x10¼	12⅞x11¼
Wt. Per Dozen, Lbs.	42	46	49	52
Per Dozen	$6.30	6.70	7.20	8.50

Plain, Extra Heavy, RED STRIPES.

Nos.	510-S	512-S	514-S	516-S
Trade Cap., Qts.	10	12	14	16
Inches	10¾x9¼	11¼x9½	11¾x10¼	12⅞x11¼
Wt. Per Dozen, Lbs.	42	46	49	52
Per Dozen	$6.90	7.35	7.80	9.10

Open Stock.

Nos. 510-S to 516-S.

STOCK PAILS

Plain, Heavy.

Nos.	612	614	616	618	620
Trade Cap., Qts.	12	14	16	18	20
Inches	12x9	12¾x9¼	13½x9½	14½x9¾	15x10½
Wt. Doz., Lbs.	29	31	32	38	40
Per Dozen	$5.30	5.70	6.30	7.10	8.00

Open Stock.

Nos. 612 to 620—Stock Pail.

CEMENT PAILS

Extra Heavy, Double Braced Bottom.

Nos.	Without Hoop 14	With Hoop 140
Trade Cap., Quarts	14	14
Inches	11¾x10½	11¾x10½
Weight Per Dozen, Lbs.	40	44
Per Dozen	$15.00	18.50

Open Stock.

No. 140—Cement Pail.

FIRE PAILS

Round Bottom.

Plain.

Nos.	210	212	214
T. C., Qts.	10	12	14
Inches	9¾x10½	10½x10¾	11x12
Wt. Dz., Lbs.	21	24	26
Per Dozen	$4.70	4.90	5.50

Open Stock.

Painted Red Outside.

Nos.	310	312	314
T. C., Qts.	10	12	14
Inches	9¾x10½	10½x10¾	11x12
Wt. Dz., Lbs.	21	24	26
Per Dozen	$5.40	5.80	6.10

Open Stock.

Nos. 210 to 214.

Nos. 310 to 314.

SAP PAILS

Plain.

Trade Capacity, Quarts	10	12
Inches	10½x8¾	11x10
Weight Per Dozen, Lbs.	30	36
Per Dozen	$3.25	3.60

Open Stock.

Galvanized Steel Ware.

GARBAGE CANS

CAPITAL, Nestable, Seamless Cover Fitting Over Corrugated Body, Drop Side Handles, Outside.

Nos.	74	75	76	77
Trade Cap., Gals.	9¼	11¼	13	21
Top, Inches	14	14	14	14
Bottom, Inches	13	13	13	15½
Height, Inches	14¼	16	19¾	23
Wt. Dozen, Lbs.	76	84	94	106
Per Dozen	$15.20	17.80	19.50	22.70

Open Stock.

Corrugated Body, with Feet, Ventilating Holes, Deep Seamless Cover, Bailed.

Nos.	1402	1403	1404
Trade Cap., Gallons	6¼	8¾	10
Inches	13x14	14½x15¾	14½x16¾
Weight Per Dozen, Lbs.	82	90	100
Per Dozen	$16.00	17.80	20.00

Open Stock.

GARBAGE CANS

Seamless Cover Fitting Over Outside, Flat Bottom, Bailed.

Nos.	000	00	02	03	04
Gallons	4¼	5¼	6¼	8¾	10¾
Top Diam., Inches.	10¾	12	12	14	14
Bottom Diam., In.	9¾	11	11¾	13	13
Height, Inches	9⅝	10½	12¼	14	16½
Wt. Dozen, Lbs.	26	42	54	72	82
Per Dozen	$8.40	10.90	13.10	15.00	17.35

Open Stock.

Nos. 000 to 04.

OILY WASTE CANS

Self-Closing Cover.

Nos.	1	2	3	4
Inches	10¾x11½	11¼x15	12¾x16¾	14x18½
Inches from Floor.	3½	3½	3½	3½
Wt. Dozen, Lbs.	100	120	140	220
Each	$1.90	2.80	3.75	4.70

Nos.	5	6	7
Inches	15¼x21	17x23½	19x26
Inches from Floor.	4	4	4
Wt. Dozen, Lbs.	260	300	410
Each	$5.60	8.40	11.10

Open Stock.

Nos. 1 to 7.

ASH CANS

Drop Side Handles, with Cover.

Nos.	2½	3	4	5	6
Inches	14x19	15x26	17x26	18x26	20x26
Gallons	11½	16	20½	24½	30
Weight Per Dozen, Lbs.	145	215	225	240	265
Each	$2.55	3.00	3.50	3.90	4.70

Extra Heavy, Corrugated Body, One Piece Bottom and Bottom Hoop, with Cover Over Outside.

Nos.	171	181	191	201
Inches	15x26	17x26	18x26	20x26
Trade Cap., Gallons.	16	20¾	23	29¼
Weight Per Dozen, Lbs.	265	310	334	380
Each	$3.90	4.10	4.70	5.25

Nos. 2½ to 6.

Open Stock.

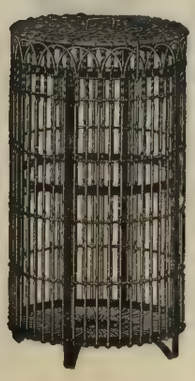
Nos. 171 to 201.

ASH CAN COVERS

Seamless, to Fit Over Outside of Can.

Nos.	12	13	14	15	16
Inches	14	15	17	18	20
To Fit Cans Nos.	2½	3 and 171	4 and 181	5 and 191	6 and 201
Weight Per Dozen, Lbs.	26	30	38	40	50
Per Dozen	$4.00	5.60	6.70	8.35	9.75

Nos. 12 to 16.



SANITARY CONSUMERS

Made of Heavily Galvanized Wire, Reinforced by Four Outside Uprights, Riveted to Inside Iron Rings, Uprights No. 9 Wire Spaced 1¼ in. Apart, Securely Interwoven with Cables Composed of Two No. 12 Wires Spaced 4 in. Apart, Bottom is Reinforced with Heavy Sheet Iron Plates.

Nos.	1	2	3	4
Height, Inches	40	36	32	28
Diameter, Inches	24	22	20	18
Weight Each, Lbs.	40	32	25	20
Each	$5.25	4.50	3.75	3.25

Open Stock.

This Consumer burns Waste Paper, Rubbish and all Combustible Materials without scattering, thus entirely eliminat ing dirt and danger.

Galvanized Steel Ware.

WASH BOILERS

Nestable Tin Covers, Flat Bottom, Black Stationary Wood Handles.

Nos.	328	329
Top, Inches	21½x11¼	22¾x12⅜
Bottom, Inches	20x9⅞	21¼x10¾
Weight Per Dozen, Lbs.	114	120
Per Dozen	$19.50	21.35

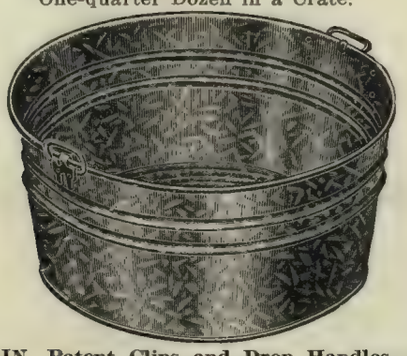
One-quarter Dozen in a Crate.

Extra Large, 26 Gauge Galvanized Iron, Striped, Extra Large Seamless Cover, with Special Hook Stationary Handles.

Nos.	6238	6239
Inches	22⅞x12¾x13	24⅜x13½x13
Weight Per Dozen, Lbs.	252	264
Per Dozen	$28.00	30.70

One-quarter Dozen in a Crate.

WASH TUBS



Heavy, PLAIN, Patent Clips and Drop Handles, with Anti-Wedge Swedge.

Nos.	0	1
Inches	18½x15x9	20½x17¾x10½
Weight Per Dozen, Lbs.	48	67
Per Dozen	$7.60	8.90

Nos.	2	3
Inches	22¾x19x11	24½x21¼x11
Weight Per Dozen, Lbs.	78	96
Per Dozen	$10.25	11.55

One-half Dozen in a Bundle.

Heavy, PLAIN, Patent Clips and Drop Handles, Improved Wrought Iron Stationary Wringer Attachments, with Anti-Wedge Swedge.

Nos.	9	11
Inches	18½x15x9	20½x17¾x10½
Wt. Per Dozen, Lbs.	66	77
Per Dozen	$8.70	10.00

Nos.	22	23
Inches	22¾x19½x11	24½x21¼x11
Wt. Per Dozen, Lbs.	89	107
Per Dozen	$11.70	13.00

One-half Dozen in a Bundle.

Heavy, 29 Gauge Iron, Striped, Heavy Stationary Handles, with Wringer Attachment.

Nos.	8220	8222	8224
Inches	20½	22½	24½
Weight Per Dozen, Lbs.	96	110	117
Per Dozen	$16.70	18.35	20.00

One-half Dozen in a Bundle.

No. 100.

Extra Heavy, PLAIN, Heavy Stationary Side Handles, Improved Wrought Iron Stationary Wringer Attachments, with Anti-Wedge Swedge.

Nos.	100	200	300
Inches	20½x17¾x10½	22¾x19½x11	24½x21¼x11
Wt. Doz., Lbs.	80	94	110
Per Dozen	$14.00	15.60	17.35

Extra Heavy, STRIPED, Heavy Stationary Side Handles, Improved Wrought Iron Stationary Wringer Attachment, with Anti-Wedge Swedge.

Nos.	100-S	200-S	300-S
Inches	20½x17¾x10½	22¾x19½x11	24½x21¼x11
Wt. Doz., Lbs.	80	94	110
Per Dozen	$15.35	17.00	18.70

One-half Dozen in a Bundle.

Galvanized Steel Ware.

CAMP KETTLES

With Galvanized Cover.

T. Cap., Gals.	6	8	10	12
Inches	12x12½	13x13¼	14¼x14½	15¾x15¼
Wt. Dozen, Lbs.	68	78	84	96
Per Dozen	$14.65	16.00	18.70	22.65

Open Stock.

INFANT BATHS

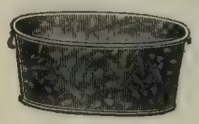
Plain.

Nos.	110	111	112
Inches	25½	27	30
Wt. Per Dozen, Lbs.	55	59	66
Per Dozen	$15.60	19.30	23.30

Nos.	113	114
Inches	33	36
Wt. Per Dozen, Lbs.	96	120
Per Dozen	$28.90	34.65

Open Stock.

OVAL FOOT BATHS



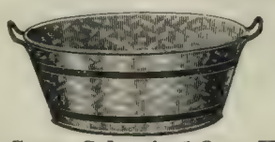
Plain.

Nos.	50	51	52
Inches	15½x12x6⅛	16⅝x12¼x6⅛	17½x13¾x6½
Wt. Doz., Lbs.	22	24	27
Per Dozen	$4.90	5.60	6.35

Nos.	53	54
Inches	18½x13¾x7½	19½x15x8¼
Wt. Doz., Lbs.	37	42
Per Dozen	$7.60	8.90

Open Stock.

OVAL FOOT BATHS



Extra Heavy, 26 Gauge Galvanized Open Hearth Charcoal Iron, Heavy Forged Drop Handles, Blue Striped.

No.	218
Inches	18x15x7¼
Weight Per Dozen, Lbs.	58
Per Dozen	$12.00

Open Stock.

CHAMBER PAILS

Plain, Galvanized.

Nos.	2½	3½	4½
Trade Cap., Qts.	10	12	14
Wt. Doz., Lbs.	32	35	42
Per Dozen	$7.10	7.80	9.75

Open Stock.

With Painted Band.

Nos.	020	030
Trade Cap., Qts.	10	12
Wt. Dozen, Lbs.	32	35
Per Dozen	$8.35	9.35

Open Stock.

Japanned Outside, Assorted Colors.

Nos.	02	03
Trade Cap., Qts.	10	12
Wt. Dozen, Lbs.	34	38
Per Dozen	$8.35	9.35

Open Stock.

COMMODE PAILS

Extra Heavy, Aluminum Galvanized, Red Striped.

No.	6544
Quarts	14
Weight Per Dozen, Lbs.	56
Per Dozen	$15.60

PIERCES' SANITARY, Heavy Galvanized Iron, Aluminum Finish, Decorated and Striped.

No.	P12
Trade Cap., Quarts	12
Inches	15x12
Weight Per Dozen, Lbs.	48
Per Dozen	$18.70

One-third Dozen in a Crate.

Japanned Ware.

Nos. 110 to 430.

FLOUR BOXES

Hinged Cover, Fancy Decorated, ASSORTED COLORS.

Nos.	110	120	130
Capacity, Lbs.	25	50	100
Inches	10⅛x15¼	12⅞x9	15½x26
Wt. Per Dozen, Lbs.	47	87	135
Per Dozen	$12.00	16.00	24.00

Hinged Cover, WHITE JAPANNED, Gold Trimmed.

Nos.	410	420	430
Capacity, Lbs.	25	50	100
Inches	10½x15¼	12⅞x19	15½x23
Wt. Per Dozen, Lbs.	51	90	138
Per Dozen	$15.60	20.65	31.10

25 and 50 Lb. Boxes, 2 in a Crate;; 100 Lb. Box, One in a Crate

Nos. 210 to 330.

FLOUR BINS AND SIFTERS

Loose Cover, Rotary Sifter, Nicely Decorated, ASSORTED COLORS.

Nos.	210	220	230
Tin	1X	1XX	1XX
Capacity, Lbs.	25	50	100
Inches	10⅛x23	12⅞x17¼	15½x34
Wt. Per Dozen, Lbs.	140	185	242
Per Dozen	$32.00	37.30	53.30

One in a Crate.

Loose Cover, Rotary Sifter, WHITE JAPANNED.

Nos.	310	320	330
Capacity, Lbs.	25	50	100
Inches	10⅛x23	12⅞x17¼	15½x34
Wt. Per Dozen, Lbs.	132	180	250
Per Dozen	$38.30	47.50	66.00

Two in a Crate.

CAKE AND BREAD BOXES

Nos. 12 to 15.

Square with Rounded Corners, ASSORTED COLORS.

Nos.	12	13	15
Inches	14x10x9½	15½x11¼x10⅛	19⅜x14x10⅝
Wt. Doz., Lbs.	42	53	75
Per Dozen	$11.70	13.90	16.10

Nested.

Per Nest

No. 235—In Nests of Three, One Each Nos. 12, 13 and 15, Weight Per Nest About 15 Lbs. $3.35

Square, with Rounded Corners, WHITE JAPANNED.

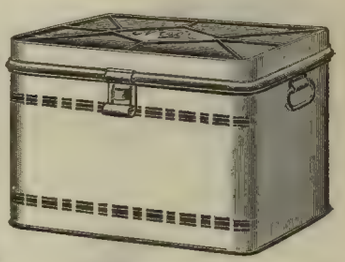
Nos.	012	013	015
Inches	14x10x9½	15½x11¼x10⅛	19⅜x14x10⅝
Wt. Doz., Lbs.	42	53	75
Per Dozen	$13.35	15.60	22.25

Nested.

Per Nest

No. 602—In Nests of Three, One Each Nos. 012, 013 and 015, Weight Per Nest About 15 Lbs. $4.00

Open Stock.



Nos. 012 to 015.

No. 340.

CAKE CLOSETS

Drop Door with Turn Buckle, Fits Pantry Shelves, RED AND BLUE JAPANNED.

Per Dozen

No. 340—17½x13x12 in., Weight Per Dozen About 103 Lbs. $30.70

Open Stock.

Extra Heavy Tin Plate, Drop Door, Flat Key Lock, One Shelf Fits Pantry Shelf, WHITE JAPANNED.

Per Dozen

No. 550—17½x12¾x12½ in., Weight Per Dozen About 132 Lbs. $57.80

One-twelfth Dozen in a Carton.

No. 550.

Black Japanned, Fancy Decorated, with Lock and Key.

Nos.	1	2
Shelves	1	2
Inches	12x9¼x15½	13½x12x9¾
Weight Each, Lbs.	6	10½
Each	$2.50	3.35

Open Stock.

Nos. 1 and 2.

BREAD AND CAKE CABINETS

HOME COMFORT, Collapsible, Aluminum Bronze Finish.

Nos.	1J	1G	2G	3G
Shelves	1	2	2	3
Inches	17x14x11	15x24x12	17x28x13½	20½x30x13½
Wt. Ea., Lbs.	10	13	18	30
No. in Box or Crate	6	3	3	1
Each	$2.25	3.90	4.70	7.45

Nos. 1J to 3G.

Japanned Ware.

TEA CANISTERS

Hinged Cover, ASSORTED COLORS.

Nos.	21	22
Trade Cap., Lbs.	1	2
Inches	4¼	5½
Wt. Dozen, Lbs.	6	10
Per Dozen	$2.00	2.80

Open Stock.

COFFEE CANISTERS

Hinged Cover, ASSORTED COLORS.

Nos.	021	022
Trade Cap., Lbs.	1	2
Inches	4¼	5½
Wt. Dozen, Lbs.	6	10
Per Dozen	$2.00	2.80

Open Stock.

TEA OR COFFEE CANS

Heavy Tin Plate, Hinged Cover, with Hasp, WHITE JAPANNED, Gold Trimmed.

Nos.	11½	13
Cap., Lbs.	⅞	2
Inches	4x5	5½x5½
Wt. Dozen, Lbs.	6	10
Per Dozen	$6.25	7.25

One-quarter Dozen in a Package.

SUGAR BOXES

Nos. 10 to 40.

Round, Flat Cover, with Hasp, BROWN JAPANNED.

Nos.	10	20	30	40
Trade Cap., Lbs.	3½	7	10	25
Inches	6¼x5⅝	7¼x6½	8¼x7½	10¼x10
Weight Per Dozen, Lbs.	12	17	23	38
Per Dozen	$2.40	2.80	4.70	6.70

Open Stock.

Heavy Tin Plate, Hinged Cover with Hasp, White Japanned, Gold Trimmed.

Nos.	50	70	100	200
Cap., Lbs.	5	7	12	25
Inches	6¼x5¾	7x6½	8¼x7½	10x10½
Weight Per Dozen, Lbs.	12	17	23	38
Per Dozen	$8.00	9.70	12.80	16.00

Open Stock.

Nos. 50 to 200.

PEPPER BOXES

Screw Tops, Brown Japanned.

Nos.	15	25
Inches	1½x2½	1¾x3
Wt. Dozen, Lbs.	1	1¼
Per Dozen	$0.50	.60

Open Stock.

DREDGE BOXES

Brown Japanned.

Nos.	02
Inches	3x3¾
Weight Per Dozen, Lbs.	2½
Per Dozen	$1.00

Open Stock.

MOLASSES CUPS

With Bowl Bottom, Brown Japanned.

Nos.	10	20
Trade Cap., Pts.	1	2
Inches	3¾x5¼	4¼x6½
Wt. Dozen, Lbs.	4	6
Per Dozen	$2.25	2.90

Open Stock.

COMB CASES

Assorted Colors.

No.	22
Inches	7¼x5½
Weight Per Dozen, Lbs.	4
Per Dozen	$1.15

Open Stock.

CRUMB PANS AND BRUSHES

Assorted Colors.

No. 0—Covered, with Black Bristle Brush, Weight Per Dozen About 9 Lbs. ..... Per Dozen $4.70

Open Stock.

Assorted Colors.

No. 010—Covered Shell Pattern, with Black Bristle Brush, Weight Per Dozen 10 Lbs. ..... Per Dozen $5.80

Open Stock.

DINNER HORNS

Plain, with Improved Mouthpiece.

Nos.	01	02
Inches	9½	12
Weight Per Dozen, Lbs.	2	2½
Per Dozen	$0.90	1.00

Open Stock.

Japanned, with Improved Mouthpiece.

Nos.	11	12
Inches	9½	12
Weight Per Dozen, Lbs.	2	2½
Per Dozen	$1.15	1.35

Open Stock.

Japanned Ware.

TEA TRAYS

Nos. 312 to 326.

Oval, Black Japanned, Gold Leaf Design.

Nos.	312	314	316
Inches	12x9 ¾	14x11 ⅛	16x13 ½
Weight Per Dozen, Lbs.	6 ½	7 ¼	10 ½
Per Dozen	$1.70	1.90	2.50

Nos.	318	320	322	324	326
Inches	18x14 ¼	20x16	22x17 ½	24x20	26x21
Weight Per Dozen, Lbs.	14	18	22	28	35
Per Dozen	$2.90	3.90	4.70	5.60	7.25

Open Stock.

HOTEL TRAYS

Oval, Extra Heavy, Black Japanned, Plain.

Nos.	720	722	724	726	728
Inches	20x16	22x17 ½	24x20	26x21	28x23
Wt. Dozen, Lbs.	36	45	55	65	80
Per Dozen	$7.60	8.40	11.10	13.90	16.70

Two Dozen in a Crate.

ROUND TRAYS

Black Japanned, Hand Painted, Floral Decorations.

Per Dozen

No. 1013—13 in. Diameter, Weight Per Dozen 8 Lbs. . $2.25

Open Stock.

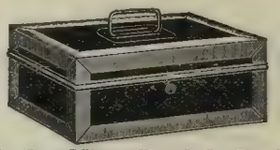
CASH BOXES

With Flat Key Lock and Sunken Handle.

Nos.	0	1	2
Inches	8 ⅜ x5 ¾ x3 ¼	9 ½ x6 ½ x3 ½	10 ¾ x7 ¼ x3 ¾
Wt. Dozen, Lbs.	12	14	16
Per Dozen	$7.40	8.35	9.10

Nos.	3	4
Inches	11 ½ x8 ⅜ x5 ⅛	13 ½ x9 ¾ x6 ⅝
Wt. Dozen, Lbs.	22	31
Per Dozen	$10.65	13.35

Open Stock.



With Flat Key Locks, Mitre Banded, Double Protection on Every Edge and Corner, Sunken Handle.

Nos.	9A	10A
Inches	9 ⅝ x6 ½ x3 ¾	10 ⅞ x7 ⅜ x4 ½
Wt. Per Dozen, Lbs.	26	33
Per Dozen	$22.25	24.50

Nos.	12A	13A
Inches	12 ⅜ x8 ⅜ x5 ¼	13 ½ x9 ¼ x6
Wt. Per Dozen, Lbs.	39	55
Per Dozen	$26.65	28.90

Open Stock.

DEED BOXES

With Hasp and Sunken Handle, Black Japanned, Gold Striped.

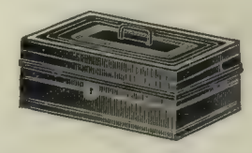
Nos.	20	21
Inches	8 ½ x4 ¾ x3 ¼	9 ½ x6 x3 ¾
Wt. Dz., Lbs.	14	16
Per Dozen	$6.10	8.00

Nos.	22	23
Inches	10 ½ x7x4 ¼	11 ½ x8 ¼ x4 ¾
Wt. Dz., Lbs.	20	29
Per Dozen	$8.00	9.45

No.	24
Inches	13 ½ x9 ¼ x5 ¾
Wt. Dz., Lbs.	35
Per Dozen	$11.60

Open Stock.

BOND BOXES



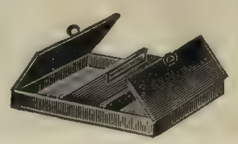
With Lock and Sunk Handle, Black Japanned, Gold Striped.

No.	01
Inches	10 ½ x5 ¼ x2 ¾
Wt. Per Dozen, Lbs.	16
Per Dozen	$9.10

No.	02
Inches	10 ½ x5 ¼ x4
Wt. Per Dozen, Lbs.	18
Per Dozen	$9.80

Open Stock.

CASH BOX TRAYS



Covered, Black Japanned.

Nos.	40	41	42
Inches	8 ½	9 ½	10 ½
Wt. Dozen, Lbs.	6	7	8
Per Dozen	$3.60	4.00	4.90

Nos.	43	44
Inches	11 ½	13 ½
Wt. Dozen, Lbs.	10	12
Per Dozen	$5.40	7.50

Open Stock.

Japanned Ware.

LUNCH BOXES

Oblong, with Hinged and Hasped Cover, Black Japanned.

Nos.	110	120
Inches	7¾x4⅞x4½	8¾x5⅞x5¼
Wt. Dz., Lbs.	13	17
Per Dozen..	$4.50	5.00

Open Stock.

Folding, Brown Japanned, without Flask.

Nos.	1	2
Inches	7¾x3¾x3¾	8⅞x4¼x4
Wt. Doz., Lbs.	7½	9
Per Dozen...	$3.35	4.00

Open Stock.

Oval, with Hinged and Hasped Cover, Black Japanned.

Nos.	Without Tray 30	With Tray 35
Inches	8⅞x5⅝x5¼	8⅞x5⅜x5¼
Wt. Dz., Lbs.	16	18
Per Dozen..	$5.20	6.40

Open Stock.

FOLDO FOLDING LUNCH BOXES

Folded.

Ready for Use.

FOLDO, Folding, Special Made Rigid Fibre Stock, Waterproof and Sanitary.

Per Dozen

No. 180—8½x4¾x4⅛ in., Weight Per Dozen 12 Lbs..... **$4.00**

This Box has no exposed openings to admit dust or insects. The handle is original, quickly attached or detached in center of clasp and is so applied that the box is perfectly balanced. To clean, lay the box out flat and wipe out with a damp cloth or sponge. Don't scald.

One Dozen in a Carton.

UNIVERSAL LUNCH BOXES

Nos. 10 and 310.

Complete with Universal Vacuum Bottle and Drinking Cup, Equipped with New Metal Spring Bottle Container.

Capacity of Bottle 1 Pint, Size of Box 4½ in. Wide, 6½ in. High, 10 in. Long.

Each

No. 10—Tan Tin Body, Tan Leather Handle, Brass Plated Trimmings... **$3.60**

No. 310—Black Tin Body, Black Leather Handle, Nickel Plated Trimmings **3.60**

Weight Each 4 Pounds.

One in a Box.

Nos. 20 and 320.

Complete with Universal Vacuum Bottle, Drinking Cup and 2 Aluminum Trays, Equipped with New Metal Spring Bottle Containers.

Capacity of Bottle 1 Pint, Size of Trays 4½x4½x3 in., Size of Box 4½ in. Wide, 6½ in. High, 10 in. Long.

Each

No. 20—Tan Tin Body, Tan Leather Handle, Brass Plated Trimmings **$3.90**

No. 320—Black Tin Body, Black Leather Handle, Nickel Plated Trimmings **3.90**

Weight Each About 4¼ Pounds.

One in a Box.

EXTRA FILLERS

Each

Extra Glass Fillers, for Universal Vacuum Bottle, Weight Each 5 Oz. ..... **$**.....

Japanned Ware.

PLUNGE BATHS

Heavy Tin Plate Body, Roll Edge, Wood Bottom, Outside Green Japanned, Inside Light Blue.

Nos.	140	150	160
Length, Feet	4	5	6
Capacity, Gallons	25	34	64
Weight Each, Lbs.	30	35	40
Each	$8.90	10.40	11.70

Open Stock.

HIP BATHS

Roll Edge, Green Japanned.

Nos.	1	2
Inches	22	26
Weight Each, Lbs.	19	24
Each	$6.70	8.00

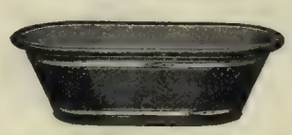
Open Stock.

INFANT BATHS

Green Japanned.

Nos.	0	1	2
Inches	25½	27	30
Wt. Doz., Lbs.	48	51	61
Each	$1.50	1.70	2.00
Nos.		3	4
Inches		33	36
Wt. Doz., Lbs.		88	104
Each		$2.50	3.20

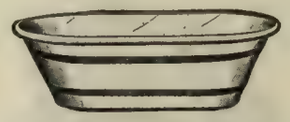
Open Stock.



CREAM CITY, Heavy Tin Plate, Heavy Rolled Edge, ASSORTED COLORS, GOLD BANDED.

No.	55
Gallons	12½
Inches	33½x16½x10
Weight Each, Lbs.	10
Each	$3.00

One-quarter Dozen in a Crate.



CREAM CITY, Heavy Tin Plate, Heavy Rolled Edge, WHITE JAPANNED, GOLD BANDED.

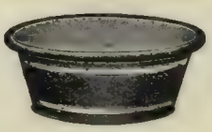
No.	65
Gallons	12½
Inches	33½x16½x10
Weight Each, Lbs.	10
Each	$3.20

One-quarter Dozen in a Crate.

FOOT BATHS

Green Japanned.

Nos.	11	12
Inches	16⅝x12¼	17½x13¾
Depth, In.	6⅛	6½
Wt. Doz., Lbs.	21	24
Per Dozen	$4.65	5.35
No.		13
Inches		18½x13¾
Depth, In.		7½
Wt. Doz., Lbs.		31
Per Dozen		$6.70



CREAM CITY, Oval, Heavy Tin Plate, Rolled Edge, ASSORTED COLOR, GOLD BANDED.

No.	50
Gallons	5½
Inches	21x17x9
Weight Each, Lbs.	6½
Each	$1.60

One-quarter Dozen in a Crate.

CREAM CITY, Heavy Tin Plate, Rolled Edge, WHITE JAPANNED, GOLD BANDED.

No.	60
Gallons	5½
Inches	21x17x9
Weight Each, Lbs.	6½
Each	$1.70

One-quarter Dozen in a Crate.

CHAMBER PAILS

With Breast and Foot, Bailed, Assorted Colors.

Nos.	2	3
Trade Cap., Quarts	10	12
Weight Per Dozen, Lbs.	26	29
Per Dozen	$6.25	7.25

Open Stock.

SLOP JARS

With Feet, Bailed, Assorted Colors, Gilt Band.

No.	15
Trade Cap., Quarts	10
Weight Per Dozen, Lbs.	30
Per Dozen	$8.20

Open Stock.

Japanned Ware.

DUST PANS

IC, Open, Round Corners, Round Handle Through Back, Black Japanned.

No.	4
Inches	9x13
Weight Per Dozen, Lbs.	6
Per Dozen	$1.15

Open Stock.

IC, Covered, Round Handle Through Back, Assorted Colors.

No.	17
Inches	9x13
Weight Per Dozen, Lbs.	8
Per Dozen	$1.80

Open Stock.

IX, Open, Round Corners, TRIPLE EDGE, Improved Round Handle Through Back, Black Japanned.

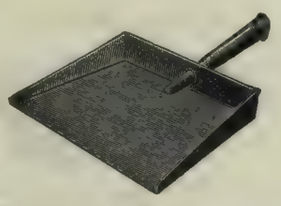
No.	90
Inches	9x13
Weight Per Dozen, Lbs.	7
Per Dozen	$1.90

Open Stock.

IX, Covered, Round Corners, TRIPLE EDGE, Improved Round Handle Through Back, Black Japanned.

No.	190
Inches	9x13
Weight Per Dozen, Lbs.	13
Per Dozen	$2.70

Open Stock.



Extra Heavy, Round Riveted Handle Through Back, Braced on Bottom. POLISHED.

No.	200
Inches	9x13
Weight Per Dozen, Lbs.	14
Per Dozen	$4.00

Open Stock.

IXXX, Heavy, Open, Square Corners, Brown Japanned.

No.	21
Inches	8½x12½
Weight Per Dozen, Lbs.	18
Per Dozen	$4.00

Open Stock.

DUST PANS

DELPHOS, Tin, Green Japanned, 24 in. Long Twisted Handle.

No.	210
Inches	9½x10
Weight Per Dozen, Lbs.	20
Per Dozen	$4.00

Open Stock.

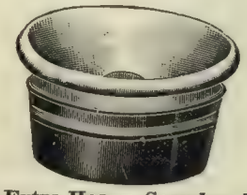
CANDLESTICKS

Brown Japanned.

Nos.	15	20
Inches	4¾	5¼
Wt. Per Dozen, Lbs.	2¼	2½
Per Dozen	$0.70	.80

Open Stock.

SPITTOONS



NESCO, Extra Heavy, Seamless Wrought Steel, White Enameled Inside, Assorted Colors Outside, Gold Banded.

No.	40
Inches	10½x4½
Weight Per Dozen, Lbs.	50
Per Dozen	$22.50

Open Stock.

Tin, Assorted Colors, Striped.

Nos.	010	020	030
Inches	7x4	7¼x4⅛	7½x4½
Wt. Dz., Lbs.	6	7½	8
Per Dozen	$1.70	1.90	2.25

Open Stock.

CUSPIDORS

NESCO, Wrought Steel, Seamless, Self-Righting, White Enameled Inside, Assorted Colors Outside, Gold Banded.

Nos.	14	44
Inches	8⅜x4⅝	9x5⅜
Wt. Dozen, Lbs.	40	46
Per Dozen	$14.00	17.35

Cast Iron, Self-Righting, White Enameled Inside, Painted Outside, Striped.

No.	12
Inches	9x6
Weight Per Dozen, Lbs.	80
Per Dozen	$10.60

One-half Dozen in a Crate.

Aluminum Ware.

TEA KETTLES

COLONIAL, Cast Aluminum, Wire Ball, Wood Handle, Swing Cover.

Nos.	7	8	9
Depth, Inches	5	5 1/4	5 5/8
Diam. Bottom, Inches	8 1/8	9	9 5/8
Weight Each, Lbs.	2 3/8	3	3 1/4
Each	$4.70	5.00	5.60

The novel feature of this Tea Kettle is the lid, which is opened and closed by pressing the bail, making it impossible to scald the hands.

One in a Box.

SIDNEY PATTERN, Cast Aluminum, Wire Bail, Wood Handle and Knob.

Nos.	514	515	516	518
Capacity, Quarts	4	5	6	8
Diam. Bottom, Inches	8 3/4	9 5/8	10	11
Weight Each, Lbs.	2 3/4	3 1/4	3 5/8	4 1/2
Each	$4.30	4.70	5.00	5.60

One in a Box.

COFFEE POTS

Cast Aluminum, Fancy, Rubberoid Handle.

Nos.	21 1/2	22	23	24
Capacity, Quarts	1 1/2	2	3	4
Diam. Bottom, Inches	5 3/16	5 7/8	6 1/2	7 1/8
Height, Inches	6	6 3/8	7 3/8	8
Weight Each, Lbs.	1 1/8	1 3/8	1 3/4	2
Each	$3.80	4.10	4.60	5.05

TEA POTS

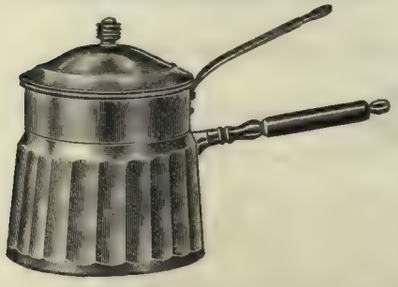
Cast Aluminum, Fancy, Rubberoid Handle.

Nos.	31	31 1/2	32
Capacity, Quarts	1	1 1/2	2
Diam. Bottom, Inches	4 5/8	5 3/16	5 7/8
Height, Inches	5 1/4	6	6 3/8
Weight Each, Lbs.	7/8	1 1/4	1 3/8
Each	$3.45	3.80	4.10

These Tea and Coffee Pots are cast in one piece, and are absolutely without a seam or rivet except the rivet used to connect the lid. The lugs for the handle are cast to the body and can not get loose. Their construction, combined with the durability of Aluminum, makes them practically indestructible and the best in the market.

One in a Box.

RICE BOILER AND COMBINATION SAUCE PAN



Cast Aluminum Bottom Pan, Spun Aluminum Top Pan, Spun Aluminum Cover with Knob, Rubberoid Handle on Bottom Pan.

Top Pan, Cap., Qts.	1	2	3
Diam. Top Pan, In.	5	5 7/8	6 3/4
Diam. Bot. Dish, In.	6 3/8	7 3/4	8 5/8
Hght. Bot. Dish, In.	4 1/4	4 7/8	5 1/8
Wt. Complete, Lbs.	1 1/2	2 3/4	3 1/4
Each	$3.20	4.10	5.05

One in a Box.

ROASTERS

Cast Aluminum, with Cover and Side Handle, Plain Inside.

Nos.	5	7
Size, Inches	9 1/4 x 14 1/8	10 7/8 x 15 5/8
Depth, Inches	4 1/4	4 15/16
Wt. Each, Lbs.	4	5 3/8
Each	$7.60	9.50

One in a Box.

SKILLETS

Cast Aluminum, Rubberoid Handle.

Nos.	5	6	7	8	9
Dia. Bot., In.	6 3/8	7 1/4	8 1/8	8 1/2	9 1/2
Wt. Ea., Lbs.	7/8	1	1 1/8	1 1/2	1 7/8
Each	$2.00	2.15	2.35	2.50	2.80

Open Stock.

Aluminum Ware.

LIPPED KETTLES

Cast Aluminum, Wire Bail.

Cap., Quarts	4	6	8
Top Diam., In...	9⅛	10⅛	11¼
Depth, Inches ...	4¼	5⅛	5⅝
Wt. Each, Lbs...	1¾	2⅛	2⅝
Each	$3.70	4.20	5.45
Cap., Quarts		10	12
Top. Diam., In...		12	12½
Depth, Inches ...		6	6½
Wt. Each, Lbs...		3¼	3½
Each		$6.60	7.35

Open Stock.

BERLIN KETTLES

Cast Aluminum, Cast Cover, Wire Bail, Rubberoid Handle.

Nos.	2	3	4
Cap., Pints	7	8½	10
Diam. Bot., In...	6⅜	6⅞	7¼
Diam. Top, In...	7	7½	7¾
Height, Inches ..	5	5⅜	5¾
Wt. Each, Lbs...	2⅛	2½	2¾
Each	$4.45	4.85	5.60

Open Stock.

DEEP SAUCE PANS

Cast Aluminum, Rubberoid Handle.

Cap., Quarts	2	3	4
Diam. Top, In...	7½	8¼	8⅝
Height, Inches ..	3⅝	4	4¾
Wt. Each, Lbs...	1¼	1½	1¾
Each	$2.80	3.10	3.55

Open Stock.

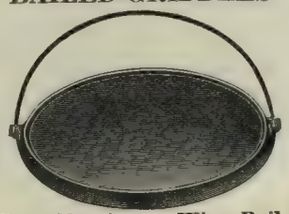
HANDLED GRIDDLES

Cast Iron, Ventilated, Rubberoid Handles.

Nos.	18	19
Diam., Inches	9¾	10¾
Wt. Each, Lbs....	1¼	1½
Each	$2.60	3.25

Open Stock.

BAILED GRIDDLES



Cast Aluminum, Wire Bail.

Nos.	12	14
Diameter, Inches ..	12	14
Wt. Each, Lbs....	1¾	2¾
Each	$3.00	3.80

Open Stock.

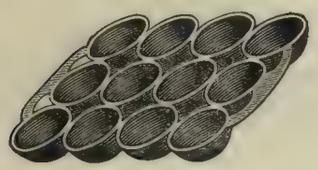
LONG GRIDDLES

Cast Aluminum.

Nos.	8	9
Inches	8⅞x19¼	10x21⅜
Wt. Each, Lbs...	2¾	3¼
Each	$4.50	6.25

Open Stock.

GEM PANS



Cast Aluminum.

Each

Style F—12 Cups, 10 in. Long, 6¾ in. Wide, Weight Each 1⅛ Lbs. $1.80

Open Stock.

GEM PANS

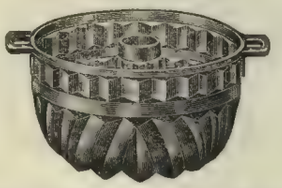
Cast Aluminum.

Each

Style B—11 Cups, 11 in. Long, 7½ in. Wide, Weight Each 1⅞ Lbs. $2.40

Open Stock.

CAKE MOULDS



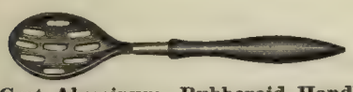
Cast Aluminum, Satin Finish.

Each

Style A—8¾ in. Diameter, 4⅜ in. Deep, Weight Each 2 Lbs. $3.15

Open Stock.

SLOTTED MIXING SPOONS



Cast Aluminum, Rubberoid Handle.

Per Dozen

No. 110—10½ in. Long, Weight Per Dozen 10 Lbs.... $6.40

Open Stock.

LONG HANDLE LADLES

Cast Aluminum, Polished.

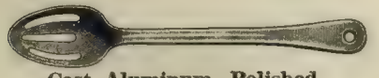
Per Dozen

No. 3186—3½ in. Diameter Bowl, 12¼ in. Long, Weight Per Dozen 2½ Lbs..... $6.15

For Punch Bowl or Kitchen Use.

Open Stock.

SLOTTED MIXING SPOONS



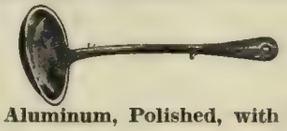
Cast Aluminum, Polished.

Per Dozen

No. 3168—11 in. Long, Weight Per Dozen 1½ Lbs... $3.35

Open Stock.

TOM AND JERRY LADLES



Cast Aluminum, Polished, with Hook.

Per Dozen

No. 3190—4⅝x2¾ in. Bowl, 11½ in. Long, Weight Per Dozen 2¼ Lbs..... $6.70

Open Stock.

Stamped Aluminum Ware.

COFFEE POTS

Seamless, Welded Spouts, Polished, Rubberoid Handle.

Nos.	882	883
Cap., Quarts	2	3
Inside Diam. (Bot.), In.	5⅝	6¾
Depth, Inches	6⅝	7¼
Wt. Per Dozen, Lbs.	9	14
Each	$2.50	2.80

Open Stock.

TEA POTS

Seamless, Polished, Rubberoid Handle.

Nos.	871	872
Cap., Quarts	1	2
Inside Diam. (Bot.), In.	5¼	5⅝
Depth, Inches	5⅞	6⅝
Wt. Per Dozen, Lbs.	9	11
Per Dozen	$2.50	2.75

Open Stock.

PERCOLATORS

Polished Finish Outside, Natural Finish Inside, Wood Handle.

No.	1160
Diameter, Inches	5½
Depth, Inches	6¼
Weight Each, Lbs.	1 7/16
Each	$3.15

One in a Box.

TEA KETTLES

Pure Sheet Aluminum, ⅜ in. Continuous Aluminum Bail, Rosewood Finish Grip, Double Seamed Breast, Heavy Cast Spout, Dome Cover.

Nos.	5337	5338	5339
Cap., Quarts	5	6	8
Diam., In.	8½	9½	10½
Wt. Doz., Lbs.	36	41	45
Per Dozen	$46.65	48.85	51.10

One-quarter Dozen in a Case.

TEA KETTLES

Pure Aluminum, 14 Gauge Body, 16 Gauge Cover, Wood Knob, Tinned Bail, Wood Handle.

Nos.	170	180	190
Cap., Qts.	5	6½	8
Wt. Each, Lbs.	3	3½	4¼
Each	$4.30	4.50	4.75

Open Stock.

RICE BOILERS

Seamless, Polished Outside, Natural Finish Inside.

Nos.	991	992	993
C. Ins. Dish, Qts.	1	2	3
Inside Dish, In.	4⅛x4½	5¾x5	6¼x5⅞
C. O. S. Dish, Qts.	1¾	3	4
Wt. Doz., Lbs.	16	18	20
Per Dozen	$20.60	25.35	31.10

Open Stock.

PRESERVING KETTLES

Lipped, Polished, Wood Bail.

Nos.	1022	1023	1024
Cap., Qts.	4	6	8
Ins. Diam., In.	8½	9¾	10¾
Depth, In.	4⅜	5½	5¾
Wt. Doz., Lbs.	12	16	18
Per Dozen	$15.60	18.90	24.50

Nos.	1025	1026
Cap., Qts.	10	12
Ins. Diam., In.	11¼	11¾
Depth, In.	6½	7
Wt. Doz., Lbs.	21	24
Per Dozen	$26.65	31.10

Open Stock.

SAUCE PANS

Lipped, Polished, Flat Handle.

Nos.	1011	1012	1013
Cap., Qts.	1½	2	3
Ins. Diam. In.	6⅜	7⅛	7⅞
Depth, In.	3⅛	3⅝	3⅞
Wt. Doz., Lbs.	6	7½	9
Per Dozen	$5.60	8.90	11.15

Nos.	1014	1015
Cap., Qts.	4	5
Ins. Diam., In.	8½	9¾
Depth, In.	4⅜	5½
Wt. Doz., Lbs.	12	16
Per Dozen	$15.00	18.90

Open Stock.

BERLIN KETTLES

Polished, with Wire Bail and COVER.

Nos.	1132	1133
Cap., Qts.	4	6
Ins. Diam., In.	7¾	8½
Depth, Inches	4¾	5¾
Wt. Dozen, Lbs.	14	18
Per Dozen	$19.75	24.50

Nos.	1134	1135
Cap., Qts.	8	10
Ins. Diam., In.	9⅛	10¼
Depth, Inches	6½	6¾
Wt. Dozen, Lbs.	22	26
Per Dozen	$30.00	35.60

Open Stock.

Stamped Aluminum Ware.

STEW PANS

Deep, Aluminum, Polished, Swiss Style, Flat Handle.

Nos.	1000	1001
Cap., Qts.	1	1¾
Inside Diam., In.	5⅛	6⅝
Depth, Inches	3⅜	3⅝
Wt. Per Doz., Lbs.	4	7½
Per Dozen	$5.60	7.25

Open Stock.

VIENNA SAUCE POTS

Aluminum, Polished, Side Handles, with Cover.

Nos.	962	963	964	965
Cap., Qts.	4	6	8	10
Ins. Diam., In.	8¼	9	9⅞	10⅞
Depth, In.	4½	5¼	6⅛	6¼
Wt. Dz., Lbs.	15	17	19	21
Per Dozen	$20.00	25.35	31.15	36.75

Open Stock.

FRY PANS

Aluminum, Heavy, Polished, Flat Handle.

Nos.	1031	1032
Inside Diam., In.	9¼	10¼
Depth, Inches	1⅝	1⅝
Wt. Doz., Lbs.	10	15
Per Dozen	$13.35	17.35

Open Stock.

OVAL ROASTERS

Aluminum, Polished, Flat Handle.

Each

No. 5365—18½ in. Length, 11¼ in. Wide, 8¼ in. Extreme Height, Weight Each About 3 Lbs. $5.00

One in a Carton.

OBLONG ROASTERS

Seamless, Extra Heavy Gauge, New Inset, Special Vent on Cover, Handles on Both Halves.

Each

No. 50—Inside Measure 15 in. Long, 10 in. Wide, 8 in. Deep, Weight Each About 5 Lbs. . $5.60

One in a Carton.

VEGETABLE RINSERS

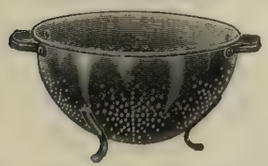
Aluminum, Heavy, Polished, Flat Handle. Per Dozen

No. 921—Capacity 1½ Quarts, Inside Diameter 8 in., Depth 2¾ in., Weight Per Dozen 15 Lbs. $10.00

This Rinser is more convenient for washing Berries and Vegetables as well as extracting Seeds and Juices from Fruit. May be used for straining Soups and Gravies.

Open Stock.

COLANDERS



Aluminum, Polished, Side Handle and Feet.

Nos.	5025	5026
Dia. Top (O. S.), In.	9⅛	11⅜
Height, Inches	5	4⅜
Wt. Per Doz., Lbs.	7¼	9
Per Dozen	$12.25	16.00

Open Stock.

PUDDING PANS

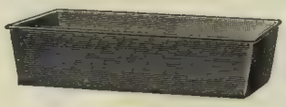
Polished, Actual Capacity.

Nos.	1041	1042	1043
Quarts	½	1	1½
Inside Diam., In.	5½	6⅜	7⅛
Depth, In.	2⅛	2½	2⅝
Wt. Dozen, Lbs.	2½	3	3½
Per Dozen	$4.70	5.00	5.90

Nos.	1044	1045	1046
Quarts	2	3	4
Inside Diam., In.	8	8¾	10⅛
Depth, In.	3⅛	3⅛	3½
Wt. Dozen, Lbs.	5	7	9
Per Dozen	$7.35	8.90	11.15

Open Stock.

BREAD PANS



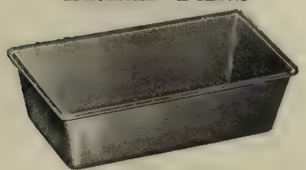
26 Gauge, Polished.

Nos.	1	2
Top, Inches	11¾x5½	10¾x5
Bottom, Inches	10¾x4⅜	10x4¼
Depth, Inches	3	2⅞
Wt. Per Doz., Lbs.	5	4
Per Dozen	$5.00	4.50

No.	3
Top, Inches	8⅞x4½
Bottom, Inches	8x3½
Depth, Inches	2¾
Wt. Per Doz., Lbs.	3
Per Dozen	$4.00

Open Stock.

BREAD PANS



Seamless, Beaded.

Per Dozen

No. 946—9¼ in. Long, 5¼ in. Wide, 2¾ in. Deep, Weight Per Dozen 5 Lbs. $8.35

Open Stock.

COFFEE CAKE PANS

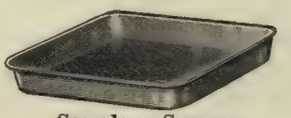
Seamless, Oblong.

Per Dozen

No. 942—11½ in. Long, 7½ in. Wide, 1⅛ in. Deep, Weight Per Dozen 3 Lbs. $8.35

Open Stock.

JELLY CAKE PANS



Seamless, Square.

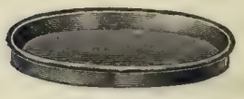
Per Dozen

No. 944—9x9x1⅛ in., Weight Per Dozen 4 Lbs. $7.60

Open Stock.

Aluminum Ware.

JELLY CAKE PANS



Polished.

Nos.	1051	1052
Diam., Inches	8⅝	9⅜
Depth, Inches	1	1
Wt. Per Doz., Lbs.	3	3½
Per Dozen	$3.60	3.80

Open Stock.

PIE PLATES

Polished.

Nos.	1072	1073
Diam., Inches	9	10
Depth, Inches	1	1
Wt. Per Doz., Lbs.	3	3½
Per Dozen	$3.60	4.00

Open Stock.

KETTLE COVERS

Hard Aluminum, with Knob.

Nos.	1105	1106	1107	1108
Diam., In.	7½	8¼	8⅞	9⅞
Wt. Doz., Lbs.	2	3	3	4
Per Dozen	$3.25	4.50	4.75	5.25

Nos.	1109	1110	1112
Diam., In.	11¼	11¾	12¼
Wt. Doz., Lbs.	5	6	7
Per Dozen	$6.75	7.25	8.00

Open Stock.

SOUP LADLES

Aluminum, Polished.

Per Dozen

No. 22—3⅜ in. Diameter Bowl, 1¼ in. Deep, 9½ in. Long, Weight Per Dozen 2 Lbs.....$1.60

One Dozen in a Box.

BASTING SPOONS

Aluminum.

Per Dozen

No. 1503—11¼ in. Long, Weight Per Dozen 1¼ Lbs.$2.50

One Dozen in a Package.

FRUIT JAR FILLER

Aluminum, Polished.

No.	130
Diameter, Inches	4½
Depth, Inches	2½
Weight Per Dozen, Lbs.	¾
Per Dozen	$1.35

One Dozen in a Box.

MEASURING CUPS

Aluminum, Graduated, Dipped Finish.

No.	455
Diameter, Inches	2⅝
Depth, Inches	2½
Weight Per Dozen, Lbs.	1
Per Dozen	$1.80

One Dozen in a Box.

NESTED CUPS

Aluminum, Polished, Nest Consists of Six Cups.

Per Dozen Nests

No. 2240—Cap. 5 Oz., Height 3 in., Diameter Top (Outside) 2½ in., Weight Per Dozen Nests 4 Lbs.....$8.90

Open Stock.

DRINKING CUPS

Aluminum, Polished.

No.	1093
Cap., Pints	½
Inside Diameter, Inches	3½
Depth, Inches	2
Weight Per Dozen, Lbs.	1
Per Dozen	$2.25

Open Stock.

DRINKING CUPS

Aluminum, Plain, Dip Finish.

Per Dozen

No. 810—8⅛x2½ in., Weight Per Dozen ⅝ Lb.....$0.90

One Dozen in a Box.

DRINKING CUPS

Aluminum, Satin Finish, Knurled.

Per Dozen

No. 2279—Capacity 7 Oz., Outside Diameter Top 3 in., Inside Depth 2⅛ in., Weight Per Dozen 1⅛ Lbs.....$1.70

One Dozen in a Box.

Aluminum Ware.

WATER PAILS

Aluminum, 20 Gauge, Full Capacity, with Wood Bail.

Nos.	1110	1112
Capacity, Quarts	10	12
Inside Diameter, Inches	10	10½
Depth, Inches	8⅞	9½
Weight Per Dozen, Lbs.	20	22
Per Dozen	$26.65	31.15

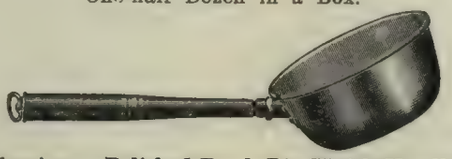
Open Stock.

WATER DIPPERS

Aluminum, Polished, Enameled Wood Handle.

Nos.	200	201
Capacity, Pints	1	2
Diameter Top, Inches	5	5¾
Length, Inches	14½	15½
Weight Per Dozen, Lbs.	22	24
Per Dozen	$3.90	4.50

One-half Dozen in a Box.

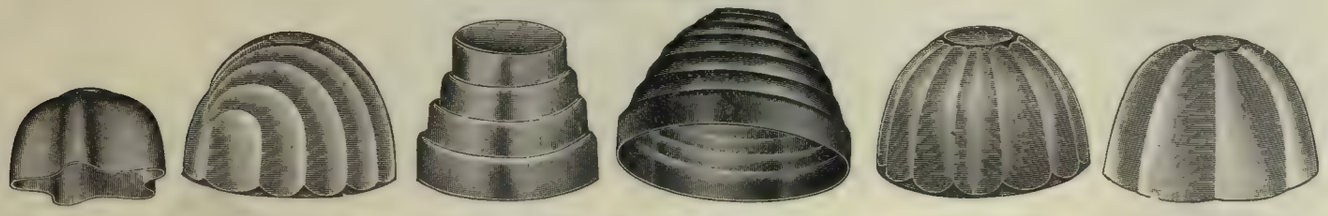


Aluminum, Polished Bowl, Dip Finish Handle.

Nos.	2986	2987
Capacity, Pints	1	2
Diameter Top, Inches	5	6
Length, Inches	14	15
Weight Per Dozen, Lbs.	3⅛	3½
Per Dozen	$4.00	5.00

One-half Dozen in a Box.

JELLY MOULDS



Aluminum Dip Finish.

Per Assortment

No. 10—Assortment Individual Jelly Moulds, Contains 2 Each of Above Illustrated Moulds.....$0.90

Weight Per Dozen ¾ Pound.

One Assortment in a Box.

CHILDREN'S COOKING SETS

Aluminum, Polished Outside, Satin Finish Inside.

Per Dozen Sets

No. 50—Set Consists of One Each 4¾x3x2 in. Oblong Bread Pan, 4x4x1⅛ in. Square Jelly Cake Pan, 4x1¾ in. Lipped Sauce Pan and 3x1⅞ in. Berlin Kettle with Cover, Weight Per Dozen Sets About 6 Lbs.....$6.70

One-twelfth Dozen Sets in a Box.

CHILDREN'S SETS

Aluminum, Satin Finish Outside, Polished Center.

Per Dozen Sets

No. 825—Set Consists of One Each 7 in. Diameter Plate, 5 in. Diameter Saucer and 2⅞ in. Diameter Cup, Weight Per Dozen Sets 4½ Lbs....$4.00

One-twelfth Dozen Sets in a Box.

Aluminum, Satin Finish Outside, Polished Center.

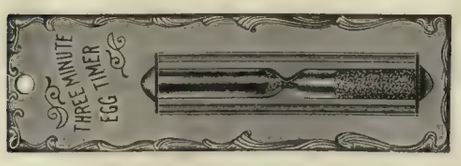
Per Dozen Sets

No. 832—Set Consists of One Each 7 in. Diameter Alphabet Plate, 5 in. Diameter Saucer, 2⅞ in. Diameter of Cup, and 1½ in. Napkin Ring, Weight Per Dozen Sets 5 Lbs. $4.75

One-twelfth Dozen Sets in a Box.

Aluminum Ware.

EGG TIMERS



Aluminum, Satin Finish, Embossed and Polished.

Per Dozen

No. 2586—6½ in. High, 2 in. Wide, Weight Per Dozen 2 Lbs. **$1.70**

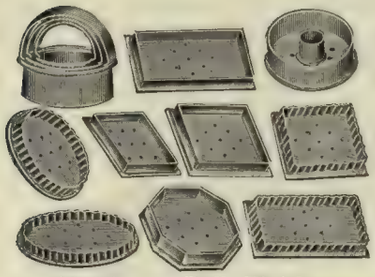
EGG AND BEET SLICER

Aluminum, Polished.

Per Dozen

No. 2544—1⅛ in. High, 5¾ in. Long, 2⅞ in. Wide, Weight Per Dozen 4 Lbs.....**$15.35**

COOKEY CUTTERS



Aluminum, Dull Finish.

Per Dozen

No. 700—12 Assorted in a Box, Weight Per Dozen ½ Lb...**$1.70**

One Dozen in a Box.

BISCUIT AND DOUGHNUT CUTTERS

Aluminum, Dip Finish, Wood Handle.

Per Dozen

No. 2573—Combination Biscuit and Doughnut Cutter, 2¾ in. Diameter, 3 in. High, Weight Per Dozen 2 Lbs...**$1.60**

One Dozen in a Carton.

TEA STRAINERS

Aluminum, Polished.

Per Dozen

No. 2500P—1⅞ in. Outside Diameter Top, 1⅛ in. Deep, Weight Per Dozen ¾ Lb...**$1.15**

One Dozen in a Carton.

SALT AND PEPPER SHAKERS

Aluminum, Octagon, Self-Righting, Polished Top, Satin Finish Bottom and Cap.

Per Dozen Sets

No. 52—2¾x2 in., Weight Per Dozen Sets 3½ Lbs...**$2.80**

One Dozen Sets in a Pasteboard Box.

MATCH AND TOOTHPICK HOLDERS

Aluminum, Octagon, Self-Righting, Polished Top, Satin Finished Bottom.

Per Dozen

No. 56—2x2¼ in., Weight Per Dozen 1¼ Lbs.....**$1.35**

One Dozen in a Box.

Per Dozen Sets

No. 58—Combination Set, Consists of No. 52 Salt and Pepper Shakers and No. 56 Tooth Pick Holder, in Fancy Box, Weight Per Dozen Sets 4¾ Lbs.....**$3.80**

SALT AND PEPPER SHAKERS

Aluminum, Satin Finish Bottom, Knurled, Polished Cover.

Per Dozen

No. 2475-S—Salt Shaker, 2 in. Diameter, 3 in. Deep Inside.**$1.35**

No. 2475-P—Pepper Shaker, 2 in. Diameter, 3 in. Deep Inside. **1.35**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

SUGAR SHAKERS

Aluminum, Satin Finish Bottom, Knurled, Polished Cover, with Handle.

Per Dozen

No. 2471—2 in. Diameter, 3⅝ in. Deep Inside.....**$2.00**

Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

COFFEE PERCOLATORS

Aluminum, Perforated, to Hang in Coffee Pot.

Per Dozen

Merz Ideal—2½ in. Diameter, 6½ in. Long Over All.....**$4.50**

Weight Per Dozen 2 Pounds.

Holds enough Coffee for 12 to 15 cups and can be placed in any size Coffee Pot.

One Dozen in a Box.

Nickel Plated Ware.

TEA BALL POTS

18 Oz. Copper Body, Tin Lined, Nickel Finish, Aluminum Basket, German Silver Chain and Fastenings, Rubberoid Enameled Knob and Handle.

Nos.	2013	2014
Cap., Cups	4	6
Wt. Dozen, Lbs.	25	30
Per Dozen	$38.00	42.25

TEA POTS

18 Oz. Copper, Nickel Plated, Seamless, Tinned Inside, Ebony Knob and Handle, Metal Ferrule at Bottom of Handle.

Nos.	2002	2003	2004
Cap., Pts.	2	3	4
Wt. Doz., Lbs.	23	25	30
Per Dozen	$30.00	32.25	35.50

COFFEE POTS

18 Oz. Copper, Nickel Plated, Seamless, Tinned Inside, Ebony Knob and Handle, Metal Ferrule at Bottom of Handle, with Deep Bag Strainer.

Nos.	2053	2054	2055
Cap., Pts.	3	4	5
Wt. Doz., Lbs.	25	30	34
Per Dozen	$32.25	35.50	39.50

One-twelfth Dozen in a Carton; One-quarter Dozen in a Shipping Carton.

TEA AND COFFEE POTS

Nos. 1103 to 1105.

Nos. 1153 to 1158.

Nos. 1203 to 1205.

Nos. 1253 to 1258.

Nickel Plated Copper, Tinned Inside, Bright Finish, Swaged Body, Embossed Cover, Reinforced Wired Top, Double Seamed Flat Bottom, Heavy Hinge, Riveted and Soldered, Enameled Wood Handle.

Tea Pots.			
Nos.	1103	1104	1105
Pints	3	4	5
Weight Per Dozen, Lbs.	21	24	27
Per Dozen	$13.35	14.50	15.60

Coffee Pots.					
Nos.	1153	1154	1155	1156	1158
Pints	3	4	5	6	8
Wt. Dozen, Lbs.	21	24	27	28	32
Per Dozen	$13.35	14.50	15.60	17.25	20.00

Extra Heavy Nickel Plated Copper, Tinned Inside, Bright Finish, Swaged Body, Reinforced Wired Top, Double Seamed Flat Bottom, Heavy Hinge, Riveted and Soldered, Enameled Wood Handle.

Tea Pots.			
Nos.	1203	1204	1205
Pints	3	4	5
Weight Per Dozen, Lbs.	22	25	28
Per Dozen	$16.70	18.35	20.00

Coffee Pots.					
Nos.	1253	1254	1255	1256	1258
Pints	3	4	5	6	8
Wt. Dozen, Lbs.	22	25	28	29	33
Per Dozen	$16.70	18.35	20.00	22.25	25.55

One-twelfth Dozen in a Carton, One-quarter Dozen in a Shipping Carton.

COFFEE PERCOLATORS

ROME

Taper Pattern.

14 Oz. Nickel Plated Copper, Tinned Inside, Swaged Body, Aluminum Pump and Basket, Glass Top, Ebonized Wood Handle.

Nos.	1223	1224	1225
Cups	4	6	9
Wt. Doz., Lbs.	33	36	39
Per Dozen	$28.90	33.35	37.75

ROME

Low Pattern.

18 Oz. Nickel Plated Copper, Tinned Inside, Plain Body, Aluminum Pump and Basket, Glass Top, Ebonized Wood Handle, Metal Ferrule at Bottom of Handle.

Nos.	2023	2024	2025
Cups	4	6	9
Wt. Doz., Lbs.	35	40	44
Per Dozen	$37.75	42.25	55.60

One-twelfth Dozen in a Box, One-quarter Dozen in a Shipping Carton.

LITTLE TRAVELER

Made of Copper, Nickel Plated, Furnished with Nickel Plated Brass Lamp and Stand.

	Per Dozen
Little Traveler—8 in. High Pot, 3½ in. High Folding Stand and Lamp, Weight Per Dozen Complete 21 Lbs.	$33.35

One-twelfth Dozen in a Box.

Coffee Percolators

UNIVERSAL

Highest Quality PORCELAIN ENAMEL BODY, Blue Outside, Pure White Inside, All Working Parts Pure Aluminum, Glass Top.

Nos.	1104	1106	1109	1114
Cups	4	6	9	14
Height, Inches	6 5/8	7 5/8	8 5/8	9 3/4
Weight Each, Lbs.	2 1/4	2 5/8	2 7/8	3 3/4
Each	$3.90	4.70	5.50	6.25

One in a Carton.

Nickel Plated, COPPER BODY and Cover, Aluminum Base Plate, Valve, Tube, Filter Cup and Spreader Plate, Ebonized Handle, Glass Top.

Nos.	44	46	48	410
Cups	4	6	8	10
Height, Inches	8 1/2	9 1/2	9 7/8	10 1/2
Weight Each, Lbs.	3 1/4	3 1/2	3 3/4	4 1/8
Each	$3.15	3.50	3.90	4.30

One in a Carton.

Pure ALUMINUM BODY and Cover, Highly Polished, Ebonized Handle, Glass Top.

Nos.	64	66	69	614
Cups	4	6	9	14
Height, In.	7 1/4	8	8 1/2	9 5/8
Wt. Each, Lbs.	3	3 1/8	3 1/2	4 3/8
Each	$4.70	5.45	6.25	7.00

One in a Carton.

Pure ALUMINUM BODY and Cover, Highly Polished, Ebonized Handle, Glass Cup.

Nos.	74	76	79	714
Cups	4	6	9	14
Height, In.	8 1/8	9 1/4	10	10 5/8
Wt. Each, Lbs.	3	3 1/4	3 5/8	4 1/8
Each	$5.45	6.25	7.00	7.80

One in a Carton.

Nickel Plated COPPER BODY and Cover, Aluminum Base Plate, Valve, Tube, Filter Cup and Spreader Plate, Ebonized Handle, Glass Top.

Nos.	54	56	58	510
Cups	4	6	8	10
Height, In.	8	8 1/4	9 1/2	10
Wt. Each, Lbs.	3 1/4	3 5/8	4	4 1/2
Each	$3.90	4.30	5.10	5.85

One in a Carton.

Pure ALUMINUM BODY and Cover, Highly Polished, Ebonized Handle, Glass Top.

Nos.	464	466	469
Cups	4	6	9
Height, Inches	7 1/4	8	8 1/2
Weight Each, Lbs.	2 7/8	3 1/8	4
Each	$5.45	6.25	7.00

One in a Carton.

Pure ALUMINUM BODY and Cover, Highly Polished, Ebonized Handle, Glass Top.

Nos.	474	476	479
Cups	4	6	9
Height, Inches	8	9 1/4	10
Weight Each, Lbs.	2 7/8	3 1/8	4
Each	$6.25	7.00	7.80

One in a Carton.

Extra Glass Tops—For Above Percolators, Weight Per Dozen 3 Lbs. ..... Per Dozen $1.00

Open Stock.

Coffee Percolators.

UNIVERSAL

Nickel Plated **Copper Body** and Cover, Pure Tin Coated on Inside, Aluminum Filter Cup and Spreader Plate, Ebonized Handle, Glass Top.

Nos.	25	27	29
Cups	5	7	9
Height, Inches.	8¼	9¼	10¼
Wt. Each, Lbs.	3½	4½	5½
Each	$4.30	5.10	5.85

One in a Carton.

Nickel Plated **Copper Body** and Cover, Pure Tin Coated on Inside, Aluminum Filter Cup and Spreader Plate, Ebonized Handle, Glass Top.

Nos.	35	37	39
Cups	5	7	9
Height, Inches.	8	9	10
Wt. Each, Lbs.	3	4	5
Each	$5.10	5.85	6.65

One in a Carton.

Nickel Plated **Copper Body** and Cover, Pure Tin Coated on Inside, Aluminum Filter Cup and Spreader Plate, Ebonized Handle, Glass Top.

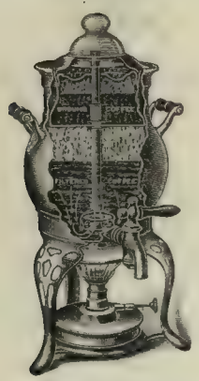
Nos.	435	437	439
Cups	5	7	9
Height, Inches.	8	9	10
Wt. Each, Lbs.	3	4	5
Each	$6.25	7.00	7.80

One in a Carton.

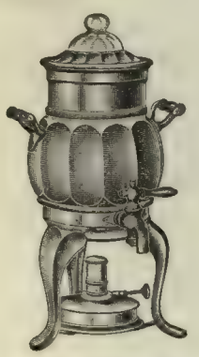
Percolating Coffee Machines.

UNIVERSAL

Nos. 004 to 009.



Sectional View Showing Operation.



Nos. 406N and 409N.

Smooth Pattern, **Copper Body,** Heavily Nickel Plated, Pure Tin Coated on Inside, Aluminum Filter Cup, Spreader Plate, Tube and Valve, Interchangeable Parts, Ebonized Handles, Glass Top.

Nos.	004	006	009
Cups	4	6	9
Height Over All, Inches	12½	13½	14⅝
Weight Each, Lbs.	8	8½	9½
Each	$11.10	12.60	14.10

One in a Box.

Fluted Pattern, **Copper Body,** Nickel Plated, Pure Tin Coated on Inside, Aluminum Filter Cup, Spreader Plate, Tube and Valve, Interchangeable Parts, Ebonized Handles, Glass Top.

Nos.	406N	409N
Cups	6	9
Height Over All, Inches	13¼	14
Weight Each, Lbs.	8	9¼
Each	$16.50	18.00

One in a Box.

The Universal Percolating Coffee Machine makes Perfect Coffee free from the bitter taste caused by Boiling, and Retaining all the delicious, aromatic fragrance of the Coffee Bean, a healthful, appetizing beverage. In the Universal the action of the Automatic Pump forces the water through the tube, while it is only luke-warm. As the water is gradually heated, the Percolating Process is going on all the time, and the wholesome qualities of the coffee are extracted, and by the time the water has reached the boiling point, which seems necessary, to bring out the flavor and aroma, the Coffee is ready to serve.

There is no escaping steam by this process, as there is in all others, therefore the aroma is not lost. The water reaches the boiling point only at the last stage of the process, while in other machines the water is boiling all the time the process is going on.

Coffee Percolators.

UNIVERSAL ELECTRIC

Mission Pattern.

Copper Body, Nickel Plated, Pure Tin Coated on Inside, Silver Finish, Aluminum Interior Fittings, Ebonized Handle, Glass Top, Furnished with 6 ft. Mercerized Silk Finish Flexible Cord and Triple Contact Terminal Plug, Equipped with the Universal Fusible Plug Safety Device, **Voltage Rating 110, Voltage Range 105 to 114,** Watts 450.

Nos.	E966N	E969N
Cups	6	9
Height Over All, Inches	9½	11
Weight Each, Lbs	5	5½
Each	$15.00	16.75

One in a Box.

Coffee Percolating Machines.

UNIVERSAL ELECTRIC

Mission Pattern.

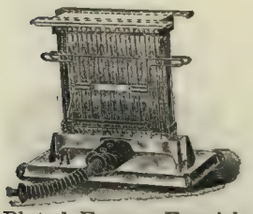
Copper Body, Nickel Plated, Pure Tin Coated on Inside, Silver Finish, Aluminum Interior Fittings, Ebonized Handle, Glass Top, Furnished with 6 ft. Mercerized Silk Finish Flexible Cord and Triple Contact Terminal Plug, Equipped with the Universal Fusible Plug Safety Device, **Voltage Rating 110, Voltage Range 105 to 114,** Watts 450.

Nos.	E916N	E919N
Cups	6	9
Height Over All, Inches	13½	15
Weight Each, Lbs	9½	10½
Each	$18.50	20.50

One in a Box.

Electric Toaster.

UNIVERSAL



Nickel Plated Frame, Furnished with 6 ft. Mercerized Silk Finish Flexible Cord and Triple Contact Terminal Plug, **Voltage 110, Voltage Range 105 to 114,** Watts 340.

Each

No. E941N—6¾ in. High Over All, Weight Each 2½ Lbs. . **$6.25**

One in a Carton.

Round Trays.

UNIVERSAL

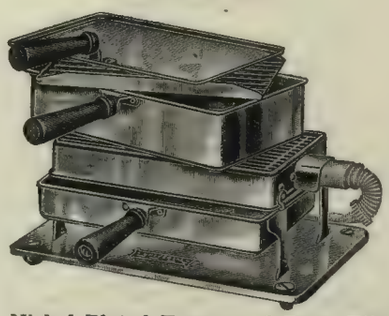
No. 100—Copper, Nickel Plated, Satin Finish Center, Polished Rim.

Inches	12	14
Weight Each, Lbs.	1⅜	1¾
Each	$2.25	2.80

Open Stock.

Electric Grill.

UNIVERSAL



Nickel Plated Frame and Base, Fibre Insulated Feet, Ebonized Handle, 7⅝ x 4½ in. Heating Surface, 1¼ in. Deep, Frame Pan, 2 in. Deep Boiling Pan, and ¼ in. Deep Griddle. Complete with 6 ft. Mercerized Silk Finish Flexible Cord and Triple Contact Terminal Plug, **Voltage 110, Voltage Range 105 to 114,** Watts 600.

Each

No. E981N—Weight Each 5¾ Lbs. **$10.00**

One in a Carton.

Electric Chafing Dish.

UNIVERSAL

Nickel Plated Copper, Tinned Inside, Silver Finish, Ebonized Handles, Fast and Slow Heat Connections, Complete with Flexible Cord, Equipped with Universal Fusible Plug Safety Device, **Voltage 110, Voltage Range 105 to 114,** Watts 450 and 160.

Each

No. E921N—Capacity 3 Pints, Weight Each 10 Lbs. **$15.75**

One in a Box.

Chafing Dish Spoons.

UNIVERSAL

German Silver, Silver Plated, Ebonized Handle.

Each

No. 400 S—Length 11½ in. Weight Each ⅝ Lbs. **$3.00**

One in a Box.

Chafing Dish Forks.

UNIVERSAL

German Silver, Silver Plated, Ebonized Handle.

Each

No. 400F—Length 11½ in., Weight Each ⅝ Lb. **$3.00**

One in a Box.

Chafing Dishes.

Universal.

Nickel Plated, Copper Food Pan, Extra Heavy Pure Tin Lined, Cast Brass Legs, Base and Handle Sockets, Ebonized Wood Handles, with Universal Alcohol Lamp. Each

No. 400N—Capacity 3 Pints, Height Over All 12 in., Weight Each 13¼ Lbs....**$17.50**

One in a Box.

Universal.

Nickel Plated, Copper Food Pan, Extra Heavy Pure Tin Lined, Cast Brass Legs, Base and Handle Sockets, Ebonized Wood Handles, with Universal Alcohol Lamp. Each

No. 600N—Capacity 3 Pints, Height Over All 12 in., Weight Each 13¼ Lbs....**$16.50**

One in a Box.

Universal.

Nickel Plated, Copper Food Pan, Extra Heavy Pure Tin Lined, Cast Brass Legs, Base and Handle Sockets, Ebonized Wood Handles, with Universal Alcohol Lamp. Each

No. 900N—Capacity 3 Pints, Height Over All 12 in., Weight Each 13¼ Lbs....**$19.80**

One in a Box.

Columbia.

Nickel Plated, Copper Food Pan, Detachable Food Pan Handles, Brass Legs and Base, Ebonized Handles and Knobs, with Alcohol Lamp. Each

No. 210N—Capacity 3 Pints, Height Over All 10½ in., Weight Each 8¾ Lbs.....**$9.70**

One in a Box.

Nickel Plated, Copper Food Pan, Tin Lined Inside, Brass Base and Legs, Ebonized Wood Handles. Each

No. 453—Capacity 3 Pints, Height Over All 10 in., Diameter 9¾ in., Weight Each 4 Lbs.**$8.60**

One in a Box.

Chafing Dish Grate Hangers

UNIVERSAL

Nickel Plated, Dull Finish, Fits All Patterns of Universal Chafing Dishes. Each

No. 1N—7⅞ in. Diameter, Weight Each 1¼ Lbs.....**$0.80**

By taking off Food and Water Pan and Hanging Grate inside the Frame of Chafing Dish, you have a perfect stove for heating Water, Coffee, Tea, or a Sad Iron.

Open Stock.

Casseroles.

Nickel Plated Frame, Rosewood Handle, Best Pottery Ware, Removable Inset.

	Round.		
Nos.	78	78¼	78½
Cap., Pints	2½	3½	5½
Diam., Inches	7	8	9
Wt. Each, Lbs.	3¾	4½	6
Each	$3.20	3.35	3.60

	Oval.	
Nos.	78¾	78⅝
Cap., Pts.	2½	4
Inches	9½x9¼x5¾	10¾x10½x6½
W. Ea., Lbs.	4	5
Each	$3.60	3.90

	Round.		
Nos.	79	79¼	79½
Cap., Pints	2½	3½	5½
Diam., Inches	7	8	9
Wt. Each, Lbs.	3¾	4½	6
Each	$3.20	3.35	3.60

	Oval.	
Nos.	79¾	79⅝
Cap., Pts.	2½	4
Inches	9½x9¼x5¾	10¾x10½x6½
W. Ea., Lbs.	4	5
Each	$3.60	3.90

One in a Box.

	Round.		
Nos.	216	216¼	216½
Cap., Pints	2½	3½	5½
Diam., Inches	7	8	9
Wt. Each, Lbs.	3½	4¼	5¼
Each	$1.90	2.25	2.70

	Oval.	
Nos.	216¾	216⅝
Cap., Pints	2½	4
Inches	9x9x6½	9½x9¼x7½
Wt. Each, Lbs.	3½	4½
Each	$2.35	2.80

Bean Pots.

Best Nickel Plated Frame, Best Pottery Ware, Removable Inset.

No. 155—Round.

Capacity, Pints	3
Diameter, Inches	6
Depth, Inches	5
Dimensions Over All, Inches	8¾x9
Height Over All, Inches	6¾
Weight Each, Lbs	4
Each	$1.90

One in a Box.

Nickel Plated Ware.

RANGE TEA KETTLES

Nickel Plated Brass, Wood Handle, Fancy Spout, Flat Bottom.

Nos.	02	03
Diameter of Bottom, Inches	6¼	7¼
Depth, Inches	4	4¼
Weight Per Dozen, Lbs.	18	22
Per Dozen	$11.35	13.35

Open Stock.

Nickel Plated Brass, Engraved Sides, Fancy Spouts, Flat Bottom.

Nos.	020	030
Diameter of Bottom, Inches	6¾	7½
Depth, Inches	4¼	4½
Weight Per Dozen, Lbs.	16	18
Per Dozen	$16.00	17.50

Open Stock.

Nickel Plated, Block Tin, Seamless Body, Wire Handle, Wood Bail.

No.	66
Inches	6½
Depth, Inches	4½
Weight Per Dozen, Lbs.	16
Per Dozen	$6.00

Open Stock.

Nickel Plated Copper, Engraved Sides, Plain Spouts, Flat Bottom.

Nos.	376	377
Diam. Bottom, In.	6	7
Depth, Inches	4¾	5½
Wt. Dozen, Lbs.	18	20
Per Dozen	$12.25	15.00

Open Stock.

12 Oz. Nickel Plated Copper, Tinned Inside, Straight Spout, Seamed Solid to Body, Brass Ears with Handle Rest, 5/16 in. Wire Bail, Flat Bottom.

Nos.	250	260
Diam., Inches	6½	7½
Depth, Inches	4½	4⅞
Wt. Dozen, Lbs.	25	30
Per Dozen	$15.60	16.70

One-twelfth Dozen in a Carton.

ROME TEA KETTLES

Nos. 37 to 39.

14 Oz. Nickel Plated Copper, Tinned Inside, Swaged Body, Straight Spout, Brass Ears with Handle Rest, 5/16 in. Wire Bail, Flat Bottom.

Nos.	37	38	39
Diameter, Inches	8½	9½	10½
Depth, Inches	5⅜	5⅞	6
Weight Per Dozen, Lbs.	44	50	56
Per Dozen	$20.60	21.70	24.00

18 Oz. Nickel Plated Copper, Tinned Inside, Swaged Body, Straight Spout, Brass Ears with Handle Rest, 5/16 in. Wire Bail, Flat Bottom.

Nos.	038	039
Diameter, Inches	9½	10½
Depth, Inches	5½	6½
Weight Per Dozen, Lbs.	58	64
Per Dozen	$34.50	36.75

Nos. 038 and 039.

Nos. 237 to 239.

14 Oz. Nickel Plated Copper, Tinned Inside, Swaged Body, Dome Shaped Breast and Cover, Double Seamed Body and Breast, **Extra Heavy Brass Ears,** Reinforced on Side, 5/16 in. Square Nickel Plated Tinned Steel Bail, Tuscan Rosewood Handle and Knob, Flat Bottom.

Nos.	237	238	239
Diameter, Inches	8½	9½	10½
Depth, Inches	6	6½	7
Weight Per Dozen, Lbs.	52	58	64
Per Dozen	$28.00	30.00	31.70

20 Oz. Nickel Plated Copper, Tinned Inside, Seamless Curved Spout, Swell Body, Heavy Brass Ears, Heavy Sheet Brass Bail, Wired Edges, Bossed Centers, Securely Fastened to Ebonized Wood Grip by Solid Steel Rod Running Through, Riveted Both Ends, Flat Bottom.

No.	0338	0339
Inches	9½	10½
Depth, Inches	6⅛	6¼
Weight Per Dozen, Lbs.	62	68
Per Dozen	$46.75	49.00

Nos. 0338 and 0339.

One-twelfth Dozen in a Box, One-quarter Dozen in a Shipping Carton.

Nickel Plated Ware.

TRAYS

OXFORD

Silver Finish, Oxford Engraving, Assorted Designs.

Per Dozen

No. 23—13 in. Diameter, Weight Per Dozen 9 Lbs.....**$1.75**

Open Stock.

CARPATHIAN

Nickel Plated, Carpathian Engraving, Assorted Designs.

Per Dozen

No. 33—13 in. Diameter, Weight Per Dozen 9 Lbs.....**$4.00**

Open Stock.

BRIGHTON

Heavy, Polished, Brighton Engraving, Assorted Designs.

Per Dozen

No. 25—10½x14 in., Weight Per Dozen 13 Lbs.....**$2.25**

Open Stock.

White Metal, Beautiful Nickel Plated, Assorted Designs.

Nos.	612	614	616	618	620
Inches	12x9	14x10½	16x12	18x13½	20x15
Wt. Dozen, Lbs.	5½	8	12	15	22
Per Dozen	$3.90	5.00	7.25	10.00	13.35

Open Stock.

COMB AND BRUSH CASES

Tin, White Engraved, with Mirror, Comb, Brush and 2 Match Compartments.

Per Dozen

No. 180—9¾x8¾ in., Weight Per Dozen 7 Lbs.....**$1.90**

One-twelfth Dozen in a Package.

CRUMB TRAYS AND SCRAPERS

Tin, Nickel Plated, Rubberoid Handle on Scraper.

Per Dozen

No. 014—10x6 in. Tray, 12½x3½ in. Scraper, Weight Per Dozen 7 Lbs.....**$5.00**

One Dozen in a Carton.

XX Block Tin, Nickel Plated.

Per Dozen

No. 018—8¾x8½ in. Tray, 12x2¾ in. Scraper, Weight Per Dozen 7½ Lbs.....**$3.10**

One Dozen in a Carton.

Brass, Nickel Plated.

Per Dozen

No. 60—8½x8½ in. Tray, 12¼x2½ in. Scraper, Weight Per Dozen 10 Lbs..**$12.00**

One-half Dozen in a Carton.

Copper Ware.

MEASURES

U. S. Standard, Polished, Tinned Inside.

Nos.	341	342
Cap., Qts.	⅛	¼
Inches	2¼	2⅝
Wt. Dz., Lbs.	4	5½
Per Dozen	$4.25	5.60

Nos.	343	344	345	346
Cap., Qts.	½	1	2	4
Inches	3¼	4¼	5¼	6⅝
Wt. Dz., Lbs.	8	13	19	32
Per Dozen	$7.80	11.10	16.70	25.00

Open Stock.

FUNNELS

Heavy, Polished, Tinned Inside.

Nos.	00	1
Cap., Qts.	⅛	¼
Inches	2⅝	3⅜
Wt. Dz., Lbs.	3½	4
Per Dozen	$2.80	3.60

Nos.	02	03	04	05
T. Cap., Qts.	½	1	2	4
Inches	4⅜	5⅜	6⅜	7¾
Wt. Doz., Lbs.	5	8	11	17
Per Dozen	$4.20	6.90	9.75	14.00

Open Stock.

VALVE FUNNELS

A Combined Measure and Funnel, All Copper.

No.	910
Cap., Qts.	1
Weight Per Dozen, Lbs.	36
Per Dozen	$13.35

Open Stock.

Copper Ware.

WASH BOILERS

Oval, Extra Large, with Deep Stamped Pitch Cover, Mahogany Finish Stationary Wood Handles.
12 OZ. POLISHED, Flat Bottom.

Nos.	248	249
Inches	21¾x11½	23x12¼
Weight Per Dozen, Lbs.	160	174
Per Dozen	$57.75	60.60

14 OZ., POLISHED, Flat Bottom.

Nos.	348	349
Inches	21¾x11½	23x12¼
Weight Per Dozen, Lbs.	174	182
Per Dozen	$60.60	63.85

16 OZ., POLISHED, Flat Bottom.

Nos.	448	449
Inches	21¾x11½	23x12¼
Weight Per Dozen, Lbs.	196	206
Per Dozen	$72.25	76.60

ROME, Oval, Swaged Body, Seamless Cover, Round Stationary Cherry Finish Wood Handle.
14 OZ., POLISHED, Flat Bottom.

Nos.	8	9
Inches, (Inside)	21⅛x11⅛	22½x12
Weight Per Dozen, Lbs.	220	240
Per Dozen	$61.25	64.50

16 OZ., POLISHED, Flat Bottom.

Nos.	168	169
Inches, (Inside)	21⅛x11⅛	22½x12
Weight Per Dozen, Lbs.	220	240
Per Dozen	$73.30	77.75

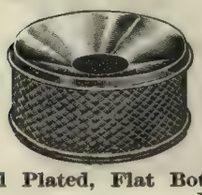
14 OZ., NICKEL PLATED, Flat Bottom.

Nos.	1148	1149
Inches, (Inside)	21⅛x11⅛	22½x12
Weight Per Dozen, Lbs.	220	240
Per Dozen	$67.75	71.10

One-quarter Dozen in a Crate.

Nickel Plated Ware.

SPITTOONS



Nickel Plated, Flat Bottom.

Per Dozen

No. 100—3¼ in. High, 7½ in. Diameter of Top, Weight Per Dozen 15 Lbs. **$13.35**

Open Stock.

Tin, Nickel Plated, Plain Bottom.

Per Dozen

No. 200—4¼ in. High, 7¾ in. Diameter of Top, Weight Per Dozen 8 Lbs. **$2.50**

Open Stock.

CUSPIDORS

Self-Righting, Tin, Nickel Plated, Extra Large.

Per Dozen

No. 3—6¼ in. High, 9 in. Diameter of Top, Weight Per Dozen 22 Lbs. **$6.70**

Open Stock.

CUSPIDORS

Spun Bottom, with Vitrified Stone Receptacle.

Per Dozen

No. 1254—Brass, Polished, 3¾ in. High, 7½ in. Diameter, Weight Per Dozen 22 Lbs. **$15.00**

No. 1255—Nickel Plated, 3¾ in. High, 7½ in. Diameter, Weight Per Dozen 24 Lbs. **17.35**

Open Stock.

Self-Righting, Brass, Polished, Handsomely Finished, Very Heavy Weighted Bottom.

Per Dozen

No. 25—7½ in. High, 7 in. Diameter of Body, Weight Per Dozen 50 Lbs. **$15.00**

Open Stock.

Self-Righting, Brass, Polished, Beautifully Finished, Very Heavy Iron Weighted Body.

Per Dozen

No. 1220—12 in. High, 9 in. Diameter of Body, Weight Per Dozen 140 Lbs. **$37.75**

Open Stock.

Pieced Tinware.

WASH BOILERS

Oval, with Stamped Pitched Rimmed Cover, Black Stationary Wood Hook Handles.

IC, Flat Copper Bottom.

Nos.	207	208	209
Inches	18½x10	20x11	22¼x12
Wt. Per Dozen, Lbs.	86	92	104
Per Dozen	$21.10	22.25	25.00

IX, Flat Copper Bottom.

Nos.	407	408	409
Inches	18½x10	20x11	22¼x12
Wt. Per Dozen, Lbs.	100	104	120
Per Dozen	$22.25	23.90	26.65

IXX, Flat Copper Bottom.

Nos.	607	608	609
Inches	18½x10	20x11	22¼x12
Wt. Per Dozen, Lbs.	112	118	126
Per Dozen	$25.55	27.25	31.10

Oval, with Pieced Cover, Black Stationary Wood Handles. IC, Copper Rim, Flat Copper Bottom.

Nos.	218	219
Inches	20x11	22¼x12
Weight Per Dozen, Lbs.	98	110
Per Dozen	$26.65	29.50

IX, Copper Rim, Flat Copper Bottom

Nos.	418	419
Inches	20x11	22¼x12
Weight Per Dozen, Lbs.	110	126
Per Dozen	$27.80	30.60

One-quarter Dozen in a Crate.

J. P. SPECIAL, Oval, Extra Large, with Deep Stamped Pitched Cover, Stationary Wood Handles.

IX, Flat Copper Bottom.

Nos.	38	39
Inches	21¾x11½	23½x12¾
Weight Per Dozen, Lbs.	140	160
Per Dozen	$33.35	34.45

IXX, Flat Copper Bottom.

Nos.	48	49
Inches	21¾x11½	23½x12¾
Weight Per Dozen, Lbs.	180	204
Per Dozen	$36.65	37.75

IXXX, Flat Copper Bottom.

Nos.	68	69
Inches	21¾x11½	23½x12¾
Weight Per Dozen, Lbs.	190	208
Per Dozen	$40.00	41.10

J. P. SPECIAL, Oval, Extra Large, with Deep Stamped Pitched Cover, Stationary Wood Handles.

IX, Copper Rim, Flat Copper Bottom.

Nos.	148	149
Inches	21¾x11½	23½x12¾
Weight Per Dozen, Lbs.	180	192
Per Dozen	$43.40	44.50

One-quarter Dozen in a Crate.

Oval, IXXXX, Open Hearth Charcoal Plate, Pieced Cover, 16 Oz. Flat Copper Bottom, Stationary Wood Handles, Extra Large and Extra Heavy.

Nos.	800	900
Inches	22¼x11¾	24x13x13¼
Weight Per Dozen, Lbs.	200	212
Per Dozen	$44.50	45.50

One-quarter Dozen in a Crate.

Nos. 800 and 900.

Pieced Tinware.

TEA POTS

IC, Tin Bottom, Hinged Cover, Straight Spout, Riveted Handle.

Nos.	241	241½	242	243	244
Trade Cap., Qts.	1	1½	2	3	4
Inches	4⅜	4½	5¼	6	7
Wt. Per Doz., Lbs.	6	7	8	11	13
Per Dozen	$1.80	2.25	2.45	2.90	3.35

Open Stock.

COFFEE POTS

IC, Tin Bottom, Hinged Cover, with Lip and Riveted Handle.

Nos.	1	1½	2	3	4
Trade Cap., Qts.	1	1½	2	3	4
Inches	4½	5	5¼	6	7
Wt. Per Doz., Lbs.	7	7½	8½	10	13
Per Dozen	$1.80	2.25	2.45	2.90	3.35

Open Stock.

COFFEE BOILERS

IX, Flat Copper Bottom.

Nos.	47	48	49
Trade Cap., Quarts	6	7	8½
Inches	8½	9½	10½
Weight Per Dozen, Lbs.	26	29	32
Per Dozen	$9.35	10.65	12.00

Open Stock.

IXX, 14 Oz., Flat Copper Bottom, Heavy Coppered Handle and Wood Bail.

Nos.	88	89
Actual Cap., Quarts	8	9
Inches	6x10¼x9¾	6¾x10¾x10½
Weight Per Dozen, Lbs.	36	42
Per Dozen	$17.80	20.00

Open Stock.

COFFEE BOILERS

IX, Solid Lipped, Copper Bottom, with Bail and Riveted Handles.

Nos.	362	363	364	366
Trade Cap., Qts.	2	3	4	6
Inches	6x6¼	6¾x7¾	7½x8¼	9x9½
Wt. Per Dozen, Lbs.	15	19	24	32
Per Dozen	$9.35	10.45	12.90	15.55

Open Stock.

CAMP COFFEE BOILERS

IXX, Flat Copper Bottom.

Nos.	113	114	115	116
Trade Cap., Gals.	3	4	5	6
Inches	11	11½	13	13½
Wt. Per Dozen, Lbs.	32	40	46	52
Per Dozen	$24.50	27.80	31.10	37.25

Open Stock.

Pieced Tinware.

STEAMERS

IC, Stamped and Rimmed Cover.

Nos.	70	80	90
Inches	9½	10½	11¼
Wt. Doz., Lbs.	16	20	23
Per Dozen	$4.00	4.45	5.35

Open Stock.

STEAMERS

IX, Full Weight Charcoal Tin Plate, Rimmed Cover.

Nos.	208	209
Inches	10¼x5	11x5
Wt. Dozen, Lbs.	18	22
Per Dozen	$7.25	7.80

Open Stock.

TEA STEEPERS

IC, Tin Handle.

Nos.	11½	12
Trade Cap., Pts.	1½	2
Inches	4¼	4⅜
Wt. Dozen, Lbs.	10	12
Per Dozen	$1.35	1.70

Open Stock.

PUDDING MOULDS

IC, With Tube.

Nos.	1	2	3
T. Cap., Qts.	1½	2	3
Inches	6¼x5¾	6¾x6¼	7½x6⅞
Wt. Dz., Lbs.	20	25	35
Per Dozen	$7.35	8.00	8.90

Open Stock.

GRAVY STRAINERS

IC, Perforated Tin Bottom.

No.	25
Inches	4
Weight Per Dozen, Lbs.	6
Per Dozen	$1.15

Open Stock.

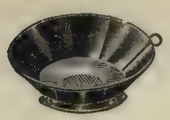
SOUP STRAINERS

IC, Perforated Tin Bottom.

No.	20
Inches	8
Weight Per Dozen, Lbs.	8
Per Dozen	$2.70

Open Stock.

MILK STRAINERS

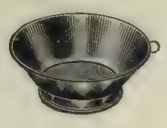


IC, with Rim.

Nos.	8	10	12
Inches	8	10	12
Wt. Doz., Lbs.	6	8	10
Per Dozen	$1.80	2.25	3.10

Open Stock.

MILK STRAINERS



IC, All Brass, Wire Bottom.

Nos.	08	010
Inches	8	10
Wt. Dozen, Lbs.	6	7
Per Dozen	$2.50	3.10

Open Stock.

COLANDERS

IC, Eastern Style, with Iron Side Handles.

Nos.	10	12
Inches	10	12
Wt. Dozen, Lbs.	8	11
Per Dozen	$2.00	2.90

Open Stock.

RING HANDLE SCOOPS

IC.

Nos.	03	03½	04
Inches	3	3½	4
Wt. Dozen, Lbs.	3	3¼	3½
Per Dozen	$0.50	.60	.70

Open Stock.

MARKING POTS

IC, Flaring, Seamed Body.

Nos.	1	2
Inches	5⅝x3¾	6x4
Wt. Dozen, Lbs.	7½	8
Per Dozen	$2.25	2.90

Open Stock.

APPLE CORERS

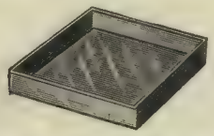
IC.

No.	1
Inches	¾x6
Weight Per Dozen, Lbs.	1
Per Dozen	$0.60

Open Stock.

Pieced Tinware.

SQUARE JELLY CAKE PANS



IC, Wired, 1 IN. DEEP.

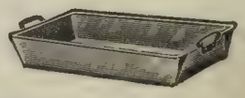
Nos.	1	2	3
Inches	8x8	9x9	10x10
Weight Per Dozen, Lbs.	4	4½	5
Per Dozen	$1.00	1.15	1.35

IC, Wired, 2 IN. DEEP.

Nos.	11	12	13
Inches	8x8	9x9	10x10
Weight Per Dozen, Lbs.	6	7	7½
Per Dozen	$1.35	1.60	1.80

Open Stock.

OBLONG PANS



IC, Dripping Pan Shape, Wired and Handled.

Nos.	21	22	23	24
Inches	8x12	9x12	9x14	10x14
Wt. Per Dozen, Lbs.	9	10	11	12
Per Dozen	$2.15	2.50	2.80	3.10

Nos.	25	26	27
Inches	10x15	11x16	12x17
Wt. Per Dozen, Lbs.	13	14	16
Per Dozen	$3.35	3.70	4.25

Open Stock.

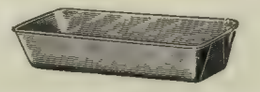
OBLONG PANS

IC, Shallow, Wired, Folded Ends, 1⅜ in. Deep.

No.	130
Inches	11¾x7¾
Weight Per Dozen, Lbs.	5½
Per Dozen	$1.00

Open Stock.

OBLONG PANS



IC, Deep, Wired, Folded Ends, 2 in. Deep.

No.	120
Inches	10x6
Weight Per Dozen, Lbs.	5
Per Dozen	$1.00

Open Stock.

CHEESE CAKE PANS

Oblong, Extra Heavy Tin, 1¼ in. Deep.

Nos.	12-S	13-S	14-S
Inches	11½x8½	13½x9	16½x10½
Wt. Dz., Lbs.	10	12	15
Per Doz.	$3.90	4.50	5.00

Open Stock.

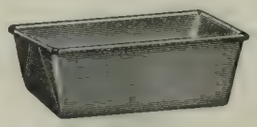
BREAD PANS

IC, Wired, 3 in. Deep.

Nos.	01	02	03
Inches	9¾x4½	10½x5¼	11½x6
Wt. Dz., Lbs.	5	6	7
Per Dozen	$1.35	1.60	1.80

Open Stock.

SANITARY BREAD PANS



Extra Heavy, Rounded Corners and Bottom, 2¾ in. Deep.

Nos.	37	47	57
Inches	8¼x4¼	9¼x5¼	10¼x6¼
Wt. Dz., Lbs.	5	6	8
Per Dozen	$1.50	1.70	1.90

Open Stock.

SPONGE CAKE PANS

IC, Wired, 2½ in. Deep.

Nos.	135	145
Inches	9x4½	13x4½
Wt. Dozen, Lbs.	4½	5½
Per Dozen	$1.15	1.60

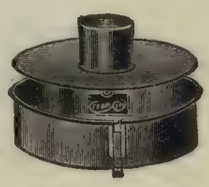
Open Stock.

CAKE PANS

IXX, Spring Bottom, without Tube.

Nos.	9	10
Inches	9½x2⅞	10⅜x2¾
Weight Per Dozen, Lbs.	6	8
Per Dozen	$6.35	7.00

Open Stock.



IXX, Spring Bottom, with Tube.

Nos.	90	100
Inches	9½x2⅞	10¼x2⅞
Weight Per Dozen, Lbs.	8	9
Per Dozen	$7.00	7.60

Open Stock.

Pieced Tinware.

BISCUIT CUTTERS

IC, Seamless.

Nos.	22½	23	23½
Inches	2½	3	3½
Wt. Doz., Lbs.	¾	1	1½
Per Dozen	$0.35	.40	.55

One Dozen in a Package.

FRENCH BISCUIT CUTTERS

IC, Seamless.

Nos.	43	44
Inches	3	4
Wt. Dozen, Lbs.	1	1½
Per Dozen	$0.45	.67

One Dozen in a Package.

COOKEY CUTTERS

IC.

Nos.	33	34
Inches	3½	4¼
Wt. Dozen, Lbs.	1½	1¾
Per Dozen	$0.65	.80

One Dozen in a Package.

DOUGHNUT CUTTERS

IC, Seamless.

Nos.	62½	63	63½
Inches	2½	3	3½
Wt. Doz., Lbs.	1	1¼	1½
Per Dozen	$0.50	.55	.60

One Dozen in a Package.

FRENCH DOUGHNUT CUTTERS

IC, Seamless.

Nos.	73	74
Inches	3	4
Wt. Dozen, Lbs.	1	1½
Per Dozen	$0.60	.80

One Dozen in a Package.

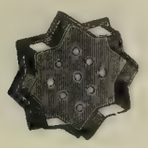
DOUGHNUT CUTTERS

Rotary Circle, IXX Tin, Twisted Wire Handle.

No.	L3
Inches	3
Weight Per Dozen, Lbs.	2
Per Dozen	$1.35

One Dozen in a Package.

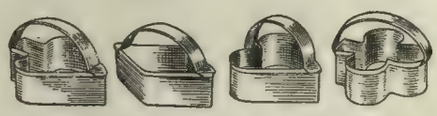
CAKE CUTTERS



IC, Star Pattern.

No.	5
Inches	3
Weight Per Dozen, Lbs.	1
Per Dozen	$0.52

One Dozen in a Package.



Extra Heavy, Polished, Open Pattern, Assorted Hearts, Clubs, Spades and Diamonds.

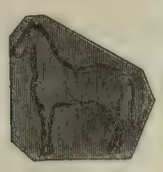
No.	140
Inches	3
Weight Per Dozen, Lbs.	1½
Per Dozen	$1.35

One Dozen in a Box.

Rotary, IXX Tin, Twisted Wire Handle.

No.	L2
Inches	3
Weight Per Dozen, Lbs.	2
Per Dozen	$1.00

One Dozen in a Box.



IC, Animal, Assorted.

Nos.	10	20	30
Sizes	Small	Medium	Large
Wt. Doz., Lbs.	¾	1	1¼
Per Dozen	$0.52	.62	.82

One Dozen in a Box.

IC, Heart Pattern.

No.	05
Inches	3
Weight Per Dozen, Lbs.	1
Per Dozen	$0.52

One Dozen in a Package.

IC, Assorted, Fancy Center.

Nos.	2	3
Design	Fancy	Ex. Fancy
Wt. Dozen, Lbs.	1¼	1½
Per Dozen	$0.62	.82

IC, Assorted, Plain Center.

	Per Dozen
No. 1—Assorted, Weight Per Dozen 1½ Lbs.	$0.52

One Dozen in a Package.

COFFEE FLASKS

IC, Polished.

Nos.	10	15	20
T. Cap., Qts.	1	1½	2
Inches	3¾x2x4½	4¼x2¼x5	4½x2¼x6
Wt Doz., Lbs.	5	6	7
Per Dozen	$1.45	1.55	1.70

Open Stock.

Non-Breakable, Glass Flask, Tin Pocket.

	Per Dozen
No. 25—Capacity 1 Pint, Size 3⅝x1⅞ in., 8 in. High, Weight Per Dozen 10 Lbs.	$1.80

Open Stock.

Pieced Tinware.

IC, Braced, Wood Handle,

Nos.	10	20
Sheet	¼	½
Wt. Dozen, Lbs.	3½	5½
Per Dozen	$0.90	1.15

Open Stock.

GRATERS

IX, Round, Three Perforations, Coarse, Medium and Fine.

Nos.	70	100
Inches	2¾x6¼	4x7½
Wt. Dozen, Lbs.	2¼	4½
Per Dozen	$0.80	1.15

Open Stock.

PERFECTION, IX, Grates Fine and Coarse, Slices Potatoes, Cuts Slaw, Etc.

Nos.	75	150
Inches	3⅝x2⅝x5½	4¼x3¼x7½
Wt. Dz., Lbs.	4	6
Per Dozen	$1.25	1.60

Open Stock.

NUTMEG GRATERS

Box, Plain.

No.	02
Inches	2x5
Weight Per Dozen, Lbs.	1
Per Dozen	$0.45

Open Stock.

NUTMEG GRATERS

IC, Tin Cylinder, Plain, Malleable Iron Body, Shellacked Handles.

Per Dozen

No. 7—Edgar, Length Over All 5¼ in., Height Over All 5¼ in., Weight Per Dozen 1½ Lbs. $1.70

One Dozen in a Box.

MEASURING CUPS

IC, Marked to Measure Quarters and Thirds of a Cup.

No.	30
Cap., Pints	½
Inches	3x2½
Weight Per Dozen, Lbs.	2
Per Dozen	$0.80

Open Stock.

LIQUID MEASURES

IC, U. S. Standard, with Lip.

Nos.	121	122	123
Pints	¼	½	1
Wt. Doz., Lbs.	3½	4	4
Per Dozen	$0.80	.90	1.15

Nos.	124	125	126
Pints	2	4	8
Wt. Doz., Lbs.	5	8	14
Per Dozen	$1.60	2.25	3.35

Open Stock.

STANDARD LIQUID MEASURES

IXX, Tin, Heavy and Well Coated, with Lip All Around.

Nos.	100	101	102	103
Pints	1	2	4	8
Wt. Doz., Lbs.	5	8	12	18
Per Dozen	$3.35	4.45	6.70	8.35

Open Stock.

GRADUATED MEASURES

IC, Graduated, with Lip.

Nos.	63	64
Cap., Qts.	1	2
Wt. Dozen, Lbs.	5	9
Per Dozen	$1.15	2.25

Open Stock.

FUNNELS

IC, Fluted Spout.

Nos.	10	15	20
Quarts	⅛	¼	½
Inches	2⅝	3½	4½
Wt. Doz., Lbs.	4	4	4
Per Dozen	$0.45	.50	.60

Nos.	25	30	35
Quarts	1	2	4
Inches	5½	6¾	8
Wt. Doz., Lbs.	5	8	14
Per Dozen	$0.90	1.25	1.70

Open Stock.

UTILITY MEASURES

IC, U. S. Standard.

Nos.	82	83	84	85	86
Pints	½	1	2	4	8
Wt. Dz., Lbs.	3½	5½	8	14	25
Per Doz.	$1.35	1.90	2.40	3.35	4.90

UTILITY MEASURES

IXX, U. S. Standard.

Nos.	283	284	285	286
Quarts	½	1	2	4
Wt. Doz., Lbs.	7	9	10	16
Per Dozen	$2.70	4.50	5.60	8.40

The Utility Measure, with Funnel Attachments, has many advantages over all others. It is a great saver of time, trouble and waste.

Open Stock.

Pieced Tinware.

WATER DIPPERS

IC, Tin Bottom.

Nos.	01	02	03
T. Cap., Qts.	1	2	3
Inches	5½x3	6½x3¾	7½x4¾
Wt. Doz., Lbs.	4	5	6
Per Dozen	$1.35	1.45	2.35

Open Stock.

IX, Tin Bottom, Bossed Handle.

Nos.	012	013
Trade Cap., Qts.	2	3
Inches	6½x3¾	7½x4¾
Wt. Doz., Lbs.	6	7
Per Dozen	$2.00	3.35

Open Stock.

IX, Copper Bottom, Bossed Handle.

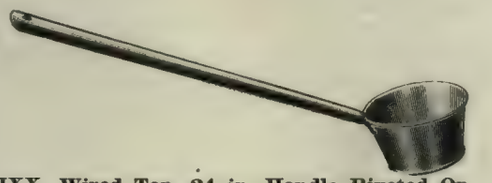
No.	202
Trade Cap., Qts.	2
Inches	6½x3¾
Weight Per Dozen, Lbs.	7
Per Dozen	$3.15

Open Stock.

IXX, Anti-Rust Coated Bottom, Well Made.

Nos.	B201	B202
Actual Capacity, Quarts	1	2
Inches	6x3¼	6⅝x4
Weight Per Dozen, Lbs.	9	11
Per Dozen	$4.50	5.00

Open Stock.



IXX, Wired Top, 24 in. Handle Riveted On.

No.	100
Actual Capacity, Quarts	1
Inches	5½x3
Weight Per Dozen, Lbs.	6
Per Dozen	$3.35

Open Stock.

SUDS DIPPERS

IC, 5 in. Long Handle.

Nos.	25	27
Trade Cap., Qts.	2	3
Inches	6½x3¾	7½x4¾
Wt. Dozen, Lbs.	7	8½
Per Dozen	$1.45	2.35

Open Stock.

IX, Extra Heavy 5A Charcoal Plate, Short Handle.

Nos.	1202	1203
Cap., Qts.	2	3
Inches	6½x4¼	7x5
Wt. Dozen, Lbs.	12	15
Per Dozen	$4.70	5.35

Open Stock.

IXX, Tin, Well Coated, Short Handle.

No.	13
Quarts	3
Bowl Bottom, Inches	5½
Height, Inches	5
Inches Across Top	8
Weight Per Dozen, Lbs.	8
Per Dozen	$6.70

Open Stock.

DRINKING CUPS

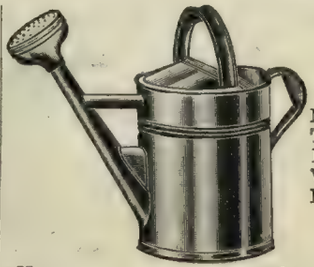
IC, Straight.

Nos.	210	211
Trade Cap., Pts.	¼	½
Inches	2¾x1¾	3x2
Weight Per Dozen, Lbs.	1½	1½
Per Dozen	$0.32	.36
Per Gross	....	4.00

Nos.	212	213	214	215
Trade Cap., Pts.	1	1½	2	4
Inches	3¾x3½	4¼x3	4¼x4½	5¾x4
Wt. Per Doz., Lbs.	2	3	4	6
Per Dozen	$0.40	.70	.90	1.35
Per Gross	4.25	....	....	....

Open Stock.

WATERING POTS



IC, with Zinc Rose.

Nos.	21	22	23
T. Cap., Qts.	1	2	3
Inches	4¼	5	5½
Wt. Dz., Lbs.	9	12	14
Per Dozen	$2.50	2.90	3.50

Nos.	24	26	28	30	32
Trade Cap., Qts.	4	6	8	10	12
Inches	6	7¼	8¼	9	9¼
Wt. Per Doz., Lbs.	22	29	34	40	49
Per Dozen	$4.20	5.15	7.10	8.50	9.45

Nos. 21 to 24, One Dozen; Nos. 26 to 32, One-half Dozen in a Crate.

Pieced Tinware.

DINNER BUCKETS

MINERS'

IC, One Case, without Cup, Patent Self-Locking Bail, Enameled Handle.

Nos.	31	41	51
Trade Cap., Quarts	3	4	5
Inches	6	6½	7½
Weight Per Dozen, Lbs.	20	23	26
Per Dozen	$4.25	4.80	5.80

Open Stock.

ACME

IC, One Case, with Pie Tray, without Cup, Seamless Cover Over Outside, Patent Self-Locking Bail, Enameled Handle.

No.	14
Trade Cap., Quarts	4
Inches	6¾
Weight Per Dozen, Lbs.	25
Per Dozen	$6.70

Open Stock.

ROUND

IC, One Case, with Cup, Patent Self-Locking Bail, Enameled Handle.

Nos.	30	40
Trade Cap., Qts.	3	4
Inches	6	6½
Wt. Dozen, Lbs.	20	23
Per Dozen	$4.50	5.15
Nos.	50	60
Trade Cap., Qts.	5	6
Inches	7½	7½
Wt. Dozen, Lbs.	27	31
Per Dozen	$5.80	6.45

Open Stock.

OBLONG

IC, One Case, without Cup, Patent Self-Locking Bail, Enameled Handle.

Nos.	301	331
Trade Cap., Qts.	2	3
Inches	8x5	8¼x5½
Wt. Dozen, Lbs.	20	22
Per Dozen	$4.50	5.15
Nos.	401	451
Trade Cap., Qts.	4	5
Inches	8¾x6	9¼x6½
Wt. Dozen, Lbs.	25	28
Per Dozen	$5.80	6.70

Open Stock.

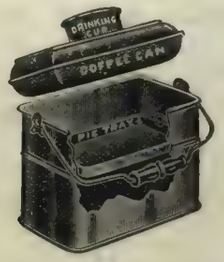
OBLONG

IC, One Case, with Cup, Patent Self-Locking Bail, Enameled Handle.

Nos.	300	330
Trade Cap., Qts.	2	3
Inches	8x5	8¼x5½
Wt. Dozen, Lbs.	21	23
Per Dozen	$4.80	5.50
Nos.	400	450
Trade Cap., Qts.	4	5
Inches	8¾x6	9¼x6½
Wt. Dozen, Lbs.	28	30
Per Dozen	$6.25	7.10

Open Stock.

OBLONG



IC, Coffee Flask in Cover, Pie Tray and Cup, Patent Self-Locking Bail, Enameled Handle.

Nos.	150	200	250	350
Quarts	2	3	4	5
Inches	8x5	8¼x5½	8¾x6	9¼x6½
Wt. Per Dozen, Lbs.	19	22	26	29
Per Dozen	$4.60	5.25	5.90	6.70

IDEAL COMBINATION, OBLONG

Double Coated Enameled Coffee Flask, Tin Body, Tin Pie Tray, Heavy Retinned Cup, Self-Locking Bail, Enameled Wood Handle.

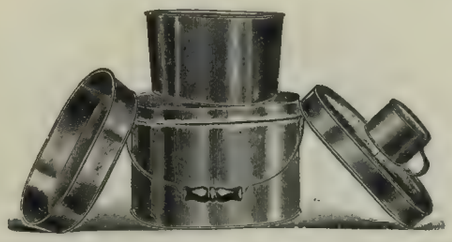
No.	893
Capacity, Quarts	4¼
Inches	8⅝x6½x5⅞
Weight Per Dozen, Lbs.	30
Per Dozen	$10.00

Open Stock.

Pieced Tinware.

DINNER BUCKETS

AURORA



AURORA

IX, One Case, WITHOUT CUP, Seamless Cover and Pie Tray, Wire Handle on Cover, Black Enameled Handle.

Nos.	274	275	276
Trade Cap., Qts.	4	5	6
Inches	9x5¾x6	9x5¾x7	9½x6¼x7
Wt. Per Dozen, Lbs.	34	37	40
Per Dozen	$8.40	8.90	10.25

Open Stock.

IX, One Case, WITH CUP, Seamless Cover and Pie Tray, Black Enameled Handle.

Nos.	374	375	376
Trade Cap., Qts.	4	5	6
Inches	9x5¾x6	9x5¾x7	9½x6¼x7
Wt. Per Dozen, Lbs.	36	38	39
Per Dozen	$8.70	9.35	10.70

Open Stock.

ATLANTIC

Oval, WITHOUT CUP, IX, 5A Charcoal Plate, Seamless Cover and Tray, Rosewood Handle.

Nos.	864	865
Trade Cap., Quarts	4	5
Inches	9x5¾x7	9½x6x7
Weight Per Dozen, Lbs.	35	45
Per Dozen	$13.35	14.65

One Dozen in a Crate.

Oval, WITH CUP, IX, 5A Charcoal Plate, Seamless Cover and Trays, Rosewood Handle.

Nos.	854	855
Trade Cap., Quarts	4	5
Inches	9x5¾x7	9½x6x7
Weight Per Dozen, Lbs.	38	48
Per Dozen	$14.65	16.00

One Dozen in a Crate.

ROUND COVERED BUCKETS

IC, High Pattern, Wire Handle.

Nos.	01	02	03	04
Trade Cap., Quarts	1	2	3	4
Inches	7⅜x7¼	8½x8⅜	9¼x9⅜	10x9⅜
Wt. Per Dozen, Lbs.	6	8	10	11
Per Dozen	$1.15	1.35	1.80	2.25

Open Stock.

IC, High Pattern, Enameled Wood Handle.

Nos.	06	08	010	012
Trade Cap., Quarts	6	8	10	12
Inches	7⅜x7¼	8½x8⅜	9¼x9⅜	10x9⅝
Wt. Per Dozen, Lbs.	17	21	30	32
Per Dozen	$3.35	4.50	6.15	7.60

Open Stock.

CAMPAIGN TORCHES

Square Body, Double Swing, Tin Tube, Wick and Stick.

Nos.	1	10
Style	Plain	Japanned
Wt. Doz., Lbs.	10	10
Per Dozen	$2.90	3.60

Open Stock.

MINERS' CANDLESTICKS

Lake Superior Pattern, Wrought Steel, Hand Forged, Natural Finish.

Per Dozen

No. 15—8 in. Long Over All, 6 in. Steel Point, 2½ in. Hook, Weight Per Dozen 5 Lbs. $8.35

Open Stock.

Pieced Tinware.

DAIRY PAILS

OUR LEADER, Plain, Charcoal Plate, Coppered Wire Bail, Retinned Ears.

Quarts	10	12	14
Inches	11x9	11½x10	12¼x10¾
Wt. Per Dozen, Lbs.	26	30	33
IX ..... Per Dozen,	$4.65	5.00	5.60
IXX ..... Per Dozen,	5.60	6.00	6.45

One Dozen in a Crate.

CREAM CITY, Flaring Pattern, IC, Full Weight, Bright Tin Plate, High Bottom, Wired Top Rim, Reinforced Ears, Heavy Copper Wire Bail, Wood Handle.

Nos.	11A	13A
Quarts	11½	13
Inches	11½x9⅜	12x9⅞
Weight Per Dozen, Lbs.	30	33
Per Dozen	$4.70	5.60

One Dozen in a Crate.

JERSEY, IXXX, Plain Extra Heavy, Wire Bail, Fancy Label.

Trade Cap., Quarts	10	12	14
Inches	10¾x9¼	11¼x9½	11¾x10¼
Weight Per Dozen, Lbs.	42	44	46
Per Dozen	$8.00	8.65	9.30

One Dozen in a Crate.

J. P. H. CO.'S SPECIAL SANITARY, IXXXX Tin Plate, Soldered Inside and Outside, Extra Heavy Bail, Malleable Ears.

Nos.	S-412	S-414
Quarts	12	14
Inches	11¼x9¾	12¼x10⅞
Weight Per Dozen, Lbs.	40	49
Per Dozen	$10.60	11.10

One Dozen in a Crate.

STRAINER PAILS

IC, Flaring Pail Shape, Wire Bail, Wood Handle.

Nos.	110	112
Trade Cap., Qts.	10	12
Inches	11x8½	12x8½
Wt. Dozen, Lbs.	30	38
Per Dozen	$5.60	6.25

No.	114
Trade Cap., Qts.	14
Inches	13x8½
Wt. Dozen, Lbs.	42
Per Dozen	$6.90

Open Stock.

IX, Plain, Dairy Pail Shape, Square Spout, Wire Bail, Wood Handle.

Nos.	810	812
Trade Cap., Qts.	10	12
Inches	11⅛x9⅛	11½x10¼
Wt. Dozen, Lbs.	40	44
Per Dozen	$7.60	8.25

No.	814
Trade Cap., Qts.	14
Inches	12⅛x10½
Wt. Dozen, Lbs.	48
Per Dozen	$8.90

Open Stock.

IXX, Plain, Dairy Pail Shape, Square Spout, Wire Bail, Wood Handle.

Nos.	910	912
Trade Cap., Qts.	10	12
Inches	11⅛x9⅛	11½x10¼
Wt. Dozen, Lbs.	45	48
Per Dozen	$8.25	8.90

No.	914
Trade Cap., Qts.	14
Inches	12⅛x10½
Wt. Dozen, Lbs.	53
Per Dozen	$9.60

Open Stock.

Pieced Tinware.

STRAINER PAILS

JERSEY, IXXX, Plain, Extra Heavy, Square Spout, Wire Bail, Wood Handle.

Nos.	610	612
Trade Cap., Qts.	10	12
Inches	10¾x9¼	11¼x9½
Wt. Dozen, Lbs.	33	36
Per Dozen	$11.10	11.80

No.	614
Trade Cap., Qts.	14
Inches	11¾x10¼
Wt. Dozen, Lbs.	39
Per Dozen	$12.50

Open Stock.

STRAINER PAILS

FAVORITE, IXX, with Detachable Strainer, Wire Bail, Wood Handle.

Nos.	25	50
Trade Cap., Qts.	12	14
Inches	11½x9½	12x9½
Wt. Doz., Lbs.	20	25
Per Dozen	$12.25	13.35

Open Stock.

STRAINER PAILS

ATLANTIC, IXX Charcoal Plate, Square Strainer on Breast, Heavy Wire Bail, Wood Handle.

Nos.	2710	2712	2714
Capacity, Qts.	10	12	14
Wt. Dozen, Lbs.	80	86	90
Per Dozen	$13.35	14.00	14.75

One-half Dozen in a Crate.

MILKING PAILS

ATLANTIC, Full Weight, IXXXX Mirror Finish, Charcoal Plate, Wired with ¼ in. Wire, 4 Rivet Ears, ⅜ in. Retinned Bail, All Seams Soldered Inside and Outside.

	Per Dozen
No. 4644—14 Quart, 12x10¾ in., Weight Per Dozen 70 Lbs.	$21.35

Open Stock.

FLARING PAILS

IC, Plain, Wire Bail, Wood Handle.

Trade Cap., Qts.	6	8
Inches	9½x6¼	10¼x7
Wt. Dozen, Lbs.	9½	10½
Per Dozen	$ 2.00	2.15
Per Gross	.....	24.00
Trade Cap., Qts.	10	12
Inches	11x8½	12x8½
Wt. Dozen, Lbs.	12	16
Per Dozen	$ 2.25	3.00
Per Gross	25.60	34.65

Open Stock.

SAP PAILS

IC, Plain, Flaring Pail Shape.

Nos.	010	012
Trade Cap., Qts.	10	12
Inches	11x8½	12x8½
Wt. Dozen, Lbs.	10	14
Per Dozen	$ 2.15	2.90
Per Gross	24.50	33.40

Open Stock.

MAPLE SYRUP CANS

Oblong, Tin, with Screw Top and Tin Handle.

Cap., Gallons	1
Inches	9¼x6¼x4⅛
Weight Per 100, Lbs.	140
Per 100	$22.50

One Hundred in a Crate.

SAP SPOUTS

WILLIS, Malleable Iron, Tinned, Closed Pattern, with Hook for Bucket.

	Per 100
No. 10—2½ in., Weight Per 100, 8 Lbs.	$3.00

Open Stock.

SAP SPOUTS

WILLIS, Malleable Iron, Tinned, Open Pattern, with Hook for Bucket.

	Per 100
No. 11—2½ in., Weight Per 100, 7 Lbs.	$2.80

Open Stock.

Pieced Tinware.

No. 500.

CARRYING CANS

Heavy Tin, Polished, Galvanized Bottom, Outside Hoop, with Bail.

Each

No. 500—Trade Capacity 5 Gallons, Height Bail Down 18½ in., Diameter 10⅝ in., Weight Each 7½ Lbs. $2.50

Open Stock.

Black Steel, Tinned and Soldered, Extra Heavy and Serviceable Hand Can.

Each

No. 102—Without Center Band, Trade Capacity 8 Quarts, Height Over All 14 in., Weight Each 6 Lbs. $2.80

No. 103—With Center Band, Trade Capacity 12 Quarts, Height Over All 18½ in., Weight Each 7 Lbs. 3.35

Open Stock.

No. 103.

MILK KETTLES

IC, with Bail.

Nos.	1	2	3
T. Cap., Qts.	1	2	3
Inches	4½	5	6
Wt. Doz., Lbs.	7	11	14
Per Dozen	$2.00	2.70	3.80
Nos.	4	6	8
T. Cap., Qts.	4	6	8
Inches	6½	7½	8
Wt. Doz., Lbs.	18	23	27
Per Dozen	$4.70	5.75	8.00

Open Stock.

IX, with Bail.

Nos.	11	12	13
T. Cap., Qts.	1	2	3
Inches	4½	5	6
Wt. Doz., Lbs.	10	14	18
Per Dozen	$2.80	4.00	5.40
Nos.	14	16	18
T. Cap., Qts.	4	6	8
Inches	6½	7½	8
Wt. Doz., Lbs.	20	27	30
Per Dozen	$6.70	8.35	10.00

Open Stock.

Heavy, Polished, Improved Seamless, Straight Breast, Reinforced Collar, Iron Hoop at Bottom, with Bail.

IXXX, Polished.

Nos.	174	176
Trade Cap., Qts.	4	6
Inches	6¾	7½
Wt. Dozen, Lbs.	50	70
Per Dozen	$14.50	16.70

IXXXX, Polished.

Nos.	178	210	212
T. Cap., Qts.	8	10	12
Inches	8¼	8⅞	9¾
Wt. Dz., Lbs.	80	95	105
Per Dozen	$19.50	24.00	30.00

Open Stock.

CREAM SEPARATORS

TOLEDO STAR, with Reversible Strainer Cover, Inclined Bottom.

Made of XXX Charcoal Tin, Seamed and Soldered, Nickel Plated Thumb Lever Faucet, 2 Gauge Glasses, Soldered Side Handles.

Nos.	1	2	3
Capacity, Qts.	48	88	118
Inches	15x20	15x28	18x28
Wt. Each, Lbs.	12	15	18
Each	$5.40	6.15	6.70

One in a Crate.

CREAM CANS

Milwaukee, Extra Deep Covers Over Outside, Patent Self-Locking Bail.

IX, without Gauge.

T. C., Qts.	14	18	20
Inches	8¾x13½	8¾x17½	8¾x19½
W. D., Lbs.	42	50	55
Per Doz.	$5.60	6.50	6.90

IXX, without Gauge.

T. C., Qts.	14	18	20
Inches	8¾x13½	8¾x17½	8¾x19½
W. D., Lbs.	48	55	58
Per Doz.	$7.15	7.80	8.50

One-half Dozen in a Crate.

CREAM CANS

IXXX, Tin, Deep Cover over Outside, One Piece Solid Bottom, Wire Bail, Wood Handle.

Nos.	314	318	320
Cap., Qts.	14	18	20
Inches	9x13½	9x17½	9x19½
Wt. Doz., Lbs.	74	78	84
Per Dozen	$10.60	11.15	11.75

One-half Dozen in a Crate.

Milk Can Strainers.

Retinned.
With Hoop and Rim to Fasten Cloth.

No.	33
Inches	10¼
Weight Per Dozen, Lbs.	10
Per Dozen	$4.00

Open Stock.

Stamped, Retinned.
With 4½ in. Brass Strainer Cloth.

No.	011
Inches	10½
Weight Per Dozen, Lbs.	14
Per Dozen	$6.00

Open Stock.

With Hoop for Cloth, in Addition to Brass Wire Strainer.

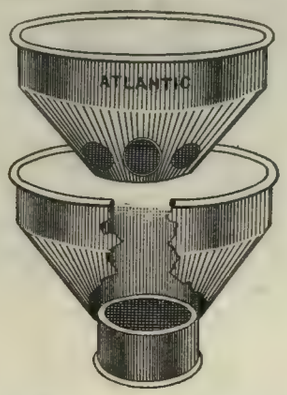
No.	100H
Top, Inches	10¼
Bottom, Inches	5¾
Height, Inches	6¼
Weight Per Dozen, Lbs.	5
Per Dozen	$5.60

Open Stock.

IXX, Tin, Bright Finish, Heavy Detachable Hoop for Holding Cloth.

Nos.	404	408
Cap., Qts.	4	8
Inches	10⅛	11⅜
Wt. Dozen, Lbs.	25	40
Per Dozen	$8.70	11.35

Open Stock.



IXXXX, Tin, Seamless, Double, Inside Strainer 70 Mesh, Outside 100 Mesh.

No.	910
Cap., Qts.	10
Inches	12½x8½
Weight Per Dozen, Lbs.	60
Per Dozen	$40.00

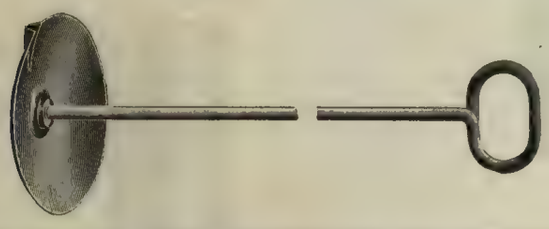
Open Stock.

IXXX, Tin, Seamless with Slip Foot.

Nos.	303	306	310
Cap., Qts.	3	6	10
Inches	9¼x6¾	10¾x8	12¼x9½
Wt. Dz., Lbs.	24	30	36
Per Dozen	$10.65	15.00	21.35

Open Stock.

Milk and Cream Stirrer and Sampler.



20 Gauge Open Hearth Stamped Steel Saucer Shaped Disc, with Pouring Lip, Cold Rolled Steel Handle with Loop at End, TINNED.

Per Dozen
No. 20—5¾ in. Diameter of Disc, 26x$\frac{5}{16}$ in. Handle, Weight Per Dozen 15 Lbs. **$5.00**

This Stirrer and Sampler is "a simple utensil" that stirs, mixes, agitates thoroughly—and is also a perfect device for taking samples for testing or other purposes.

Open Stock.

Milk Coolers and Aerators.

Saves Ice, Time and Labor, Causes the Complete REMOVAL OF ANIMAL HEAT, thus INSURING MILK THAT WILL NOT SOUR.

Per Dozen
No. 10—5½ in. Diameter at Bottom, 24 in. High, Weight Per Dozen 25 Lbs. **$12.25**

DIRECTIONS.

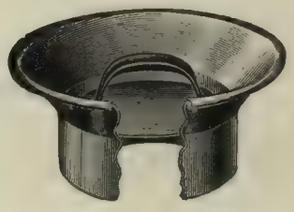
Push the Aerator into the milk to the bottom of the can, which action causes the pure air contained in the bowl of the Aerator to be forced through its flues into the milk, thus causing a perfect aeration and removal of animal heat. When the bubbling in the milk stops, immediately raise the Aerator entirely out of the milk so that a new charge of air is received and then force it back to the bottom of the can again. Each time you force the Aerator down, fresh air is forced through the milk. Repeat this operation several times, and you will have clean, pure and wholesome milk.

Railroad Milk Cans.

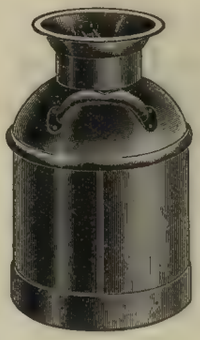
MILWAUKEE

Nos. 105 to 110.

New Style Cover.



Old Style Cover.



Nos. 1105 to 1110.

Smooth Wrought Steel, Retinned, Double Seamed, Heavy Riveted Beveled Edge, Steel Top Hoop, Heavy Riveted Inside Bottom Hoop, Improved Body Side Seam, Round Reinforced Handles.

Old Style Pattern.

Nos.	105	108	110
Gallons	5	8	10
Diam. of Neck, Inches	6	6	6
Weight Each, Lbs.	12¾	15	17
Each	$3.45	4.50	4.75

Sanitary Seamless Pattern.

Nos.	0118	0120
Trade Cap., Gallons	8	10
Diameter of Neck, Inches	7¼	7¼
Weight Each, Lbs.	15	17
Each	$4.25	4.50

Smooth Wrought Steel, Retinned, Double Seamed, Heavy Riveted Beveled Edge, Steel Top Hoop, Heavy Riveted Inside Bottom Hoop, **2½ in. Wide,** Improved Body Side Seam, Round Reinforced Handles.

Old Style Pattern.

Nos.	1105	1108	1110
Gallons	5	8	10
Diam. of Neck, Inches	6	6	6
Weight Each, Lbs.	12¾	15	17
Each	$3.45	4.50	4.75

Sanitary Seamless Pattern.

Nos.	1180	1200
Trade Cap., Gallons	8	10
Diameter of Neck, Inches	7¼	7¼
Weight Each, Lbs.	15	17
Each	$5.00	5.40

NEW ELGIN

Nos. 705 to 710.

Extra Heavy Wrought Steel, Retinned, Heavy Riveted Oval Steel Top Hoop, Heavy Riveted Flanged Inside Bottom Hoop, Improved Body Side Seam, Round Reinforced Handles.

Old Style Pattern.

Nos.	705	708	710
Gallons	5	8	10
Diameter of Neck, Inches	6	6	6
Av. Weight Each, Lbs.	15	19	21¼
Each	$4.15	4.55	4.80

Sanitary Seamless Pattern.

Nos.	0718	0720
Gallons	8	10
Diameter of Neck, Inches	7¼	7¼
Average Weight Each, Lbs.	19	21¼
Each	$5.30	5.50

Nos. 1705 to 1710.

Extra Heavy Wrought Steel, Retinned, Heavy Riveted Oval Steel Top Hoop, Heavy Riveted Outside Bottom Hoop, **2½ in. Wide,** Improved Body Side Seam, Round Reinforced Handles.

Old Style Pattern.

Nos.	1705	1708	1710
Gallons	5	8	10
Diameter of Neck, Inches	6	6	6
Average Weight Each, Lbs.	15	19	21¼
Each	$4.15	4.55	4.80

Sanitary Seamless Pattern.

Nos.	7180	7200
Gallons	8	10
Diameter of Neck, Inches	7¼	7¼
Average Weight Each, Lbs.	19½	22
Each	$5.30	5.50

Old Style and New Style Covers will Interchange. Milk Cans with New Style Covers will be Sent Unless Otherwise Specified.

Railroad Milk Cans.

JERSEY

Nos. 750 to 781.

Extra Heavy Wrought Steel, Retinned, Double Neck, Improved Body Side Seam, Round Reinforced Handles.

Old Style Pattern.

Nos.	750	780	781
Gallons	5	8	10
Diameter of Neck, Inches	6	6	6
Average Weight Each, Lbs.	15	19	21¼
Each	$4.15	4.55	4.80

Sanitary Seamless Pattern.

Nos.	1880	1881
Gallons	8	10
Diameter of Neck, Inches	7¼	7¼
Average Weight Each, Lbs.	19	21¼
Each	$5.00	5.40

Nos. 1880 and 1881.

NESCO WONPEACE

Nos. 50 to 100.

One Piece Drawn Steel Bottom, Body, Breast, Neck and Bowl, Retinned, **Strictly Seamless**, Breast Hoop and Outside Bottom Hoop Both Shrunk on Body, Wrought Steel Handles Attached to Breast Hoop, Capacity is Absolute and Uniform.

Sanitary Seamless Pattern.

Nos.	50	80	100
Capacity, Gallons	5	8	10
Diameter of Neck, Inches	6	7¼	7¼
Average Weight Each, Lbs.	18½	22¼	28½
Each	$6.70	7.80	8.90

Umbrella Pattern.

Nos.	500	800	1000
Capacity, Gallons	5	8	10
Diameter of Neck, Inches	6	7¼	7¼
Average Weight Each, Lbs.	18½	22¼	28½
Each	$7.10	8.25	9.35

Nos. 500 to 1000.

Factory Milk Cans.

MADE UP.

IXXXX, Cookley Tin, Stationary PITCHED COVER, with Bottom Hoop.

Nos.	415	420
Inches	15½x21½	18x22
Gallons	15	20
Wt. Each, Lbs.	18	21
Each	$6.00	6.60

MILWAUKEE

MADE UP.

Heavy Wrought Steel, Riveted, Flanged Bottom Hoop, Drop Style Handles, Improved Seamless Floating Cover.

Nos.	115	125
Inches	16¼x20½	17¾x20½
Gallons	15	20
Wt. Each, Lbs.	22	24
Each	$6.70	7.35

Nos.	135
Inches	18¾x28½
Gallons	30
Wt. Each, Lbs.	32
Each	$8.90

WISCONSIN

MADE UP.

Heavy Wrought Steel, Riveted, Flanged Bottom Hoop, Drop Style Handles, Stationary Ventilated Cover.

Nos.	215	220
Inches	16¼x20½	17¾x20½
Gallons	15	20
Wt. Each, Lbs.	22	24
Each	$6.70	7.35

Nos.	230
Inches	18¾x28½
Gallons	30
Wt. Each, Lbs.	32
Each	$8.90

Factory Milk Cans.

OAKES AND BURGER

Made of the Heaviest Cookley K Tin, with Heavy Coating of Tin, Hemmed and Soldered Covers.

Union Cans, MADE UP.

With Half Round Top and Flat Center Hoop, Reinforced Bottom.

Nos.	1021	1031	1041
Gallons	20	30	40
Av. Weight Each, Lbs...	35	42	47
Each	$11.15	12.25	15.00

Empire State Cans, MADE UP.

With Half Round Top and Flat Center Hoop, Reinforced Bottom.

Nos.	3021	3031	3041
Gallons	20	30	40
Av. Weight Each, Lbs...	35	42	47
Each	$11.15	12.50	15.60

Factory Milk Can Stock.

OAKES AND BURGER

Made of the Heaviest Cookley K Tin, with Heavy Coating of Tin, Hemmed and Soldered Covers.

Union Stock, Complete, NOT MADE UP.

With Half Round Top and Flat Center Hoop, Reinforced Bottom.

Nos.	1020	1030	1040
Gallons	20	30	.40
Av. Weight Each, Lbs...	35	42	47
Per Set	$8.60	10.00	12.25

Empire State Stock, Complete, NOT MADE UP.

With Half Round Top and Flat Center Hoop, Reinforced Bottom.

Nos.	3020	3030	3040
Gallons	20	30	40
Av. Weight Each, Lbs...	35	42	47
Per Set	$8.90	10.25	12.60

Milk Can Screws.

Spun Zinc.

Inches	3x½	4x½	5x½
Weight Per Dozen, Lbs.....	1	1½	2
Per Dozen	$1.15	1.60	2.25

Two Dozen in a Box.

Cream Can Gauges.

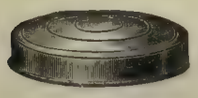
National, Graduated, Mica Glasses.

	Per 100
No. 1—6 in. Long, Weight Per 100 About 18 Lbs...	$7.80

Open Stock.

Milk Can Trimmings.

SETTER COVERS

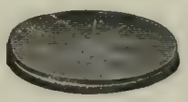


IX, Extra Deep.

No.	25
Inches	8½
Weight Per Gross, Lbs.	70
Per Gross	$11.65

Open Stock.

SETTER BOTTOMS

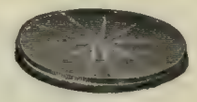


IX.

Inches	8¼	8½
Wt. Gross, Lbs.	50	54
Per Gross	$10.00	10.60

Open Stock.

SETTER BOTTOMS



IXXX.

Inches	8¼	8½
Wt. Gross, Lbs.	56	60
Per Gross	$12.80	13.35

Open Stock.

MILK CAN HANDLES

FACTORY CAN, SIDE

Cast Iron, Japanned, with Hole in Plate for Hoisting.

Per Dozen Pairs

No. 50—Climax, 4¼ in. Wide, Weight Per Dozen Pairs 25 Lbs. $2.50

Open Stock.

FACTORY CAN, SIDE

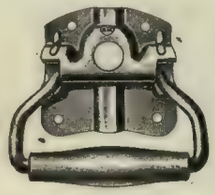
Malleable Iron, Tinned, Wrought Steel Ears.

Per Dozen Pairs

No. 60—Guard, 4 in. Wide, Weight Per Dozen Pairs 16 Lbs. $2.50

Open Stock.

FACTORY CAN, SIDE



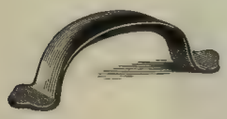
Wrought Steel, Tinned, with Hole in Plate for Hoisting.

Per Dozen Pairs

No. 1211—4½ in. Wide Handle, 3⅛x3 in. Plate, Weight Per Dozen Pairs 15 Lbs. $5.00

Open Stock.

FACTORY CAN, COVER



Stamped Steel, Tinned.

Per Dozen Pairs

No. 1—6¾ in. Over All, Weight Per Dozen Pairs 3½ Lbs. ... $1.70

Open Stock.

RAILROAD CAN, BREAST

Round, Stamped Steel, Tinned.

Per Dozen Pairs

No. 5—8 in. Over All, Weight Per Dozen Pairs 9 Lbs. $3.90

Open Stock.

MILK CAN LINKS

Wrought Iron, Tinned, for Linking Cover to Can.

Per Dozen

No. 1—3½ in. Over All, Weight Per Dozen 1 Lb. $0.40

Open Stock.

MILK CAN SEALS

Made of Lead and Wire, Tinned.

Per 1000

No. 6—6 in. Long, Weight Per 1000 About 7 Lbs. $2.00

One Thousand in a Package.

MILK CAN SEAL PRESSES MORRILL'S

Semi-Steel Frame, 5/16 in. Tool Steel, Adjustable Die, Removable, Japanned.

Per Dozen

No. 1—10 in. Long, Weight Per Dozen 9 Lbs. $22.70

One-half Dozen in a Box.

MILK CAN LETTERS AND FIGURES

Copper, Tinned Back, for Marking R. R. Milk Cans.

Per 100

1⅜ in. Letters	$1.35
1⅜ in. Figures	1.35

Weight Per 100 About ⅜ Pound.

Bread Makers.

UNIVERSAL

Sheet Steel, Heavily Tinned, with Table Clamp on Bottom.

Per Dozen

No. 4—Family Size, Capacity 2 to 6 Loaves, Depth of Pail 9 in., Diameter 11½ in., Weight Each 7¼ Lbs.....**$35.50**

One in a Box, Six in a Case.

Sheet Steel, Heavily Tinned, with Table Clamp on Bottom.

Per Dozen

No. 8—Capacity 4 to 10 Loaves, Depth of Pail 11¾ in., Diameter 13 in., Weight Each 10½ Lbs. **$41.50**

One in a Box, Six in a Case.

Sheet Steel, Heavily Tinned, with Table Clamp on Top.

Per Dozen

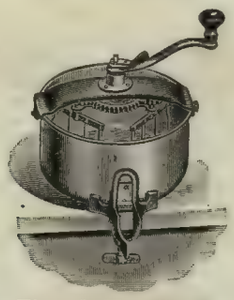
No. 44—Family Size, Capacity 2 to 6 Loaves, Depth of Pail 9 in., Diameter 11½ in., Weight Each 7¼ Lbs....**$33.35**

One in a Box, Six in a Case.

The Universal Three Minute Bread Maker is mixer, kneader and raiser all combined. Very simple in construction. A child can operate it; as easily cleaned as a tin pail. We guarantee this machine to mix and knead bread perfectly in 3 minutes.

Cake Makers.

UNIVERSAL



Wrought Steel Bowl, Tinned, Heavily Tinned Working Parts, Complete with Mixing Fliers, Kneading Rod and Table Clamp.

Per Dozen

No. 10—4¾ in. Deep Bowl, Holds 4 Quarts of Batter, Weight Each 4¾ Lbs.....**$36.10**

Mixes the Batter of all kinds of cake easier, more uniformly, and a great deal quicker than by hand.

The Mixing Fliers are used for beating eggs, whipping cream and mixing all kinds of soft batter. The kneading rod is used for mixing or kneading Dough or Batter too heavy for the Mixing Fliers.

One in a Box, Six in a Case.

Savory Double Boilers.

Steel Gray Enameled, Consisting of Water Pan, Food Pan and Perforated Roll Rim Cover.

Per Dozen

No. 30—Water Pan 4¼ in. Deep, 10¼ in. Diameter, Food Pan 3 in. Deep, 11 in. Diameter Over Rim, Weight Per Dozen 36 Lbs.....**$20.00**

No. 31—Extra Deep Water Pan, 6 in. Deep, 10¼ in. Diameter, Food Pan 3 in. Deep, 11 in. Diameter Over Rim, Weight Per Dozen 44 Lbs.... **26.65**

One-quarter Dozen in a Package.

Steam Cookers.

BUFFALO CEREAL

Retinned Outside Pan and Cover, Enameled Food Pan.

Per Dozen

No. 800—Trade Capacity Food Pan 3 Quarts, Dimensions Food Pan 9¼x2¾ in., Water Pan 10⅛x3½ in., Weight Per Dozen 38 Lbs.**$16.65**

Unsurpassed for cooking Cereals, Fruits or Puddings.

One Dozen in a Case.

Steam Egg Poachers.

BUFFALO

IC Tin, Size 10⅛x2 in.

Per Dozen

No. 1—Plain, with Retinned Cups, for Five Eggs.....**$ 8.00**

No. 2—All Parts Retinned, for 5 Eggs **10.65**

Weight Per Dozen 15 Pounds.

IC Tin, Size 10⅛x3½ in., with Two Sets of Cups, Shallow for Eggs, Deep for Puddings.

Per Dozen

No. 3—Plain, with Retinned Cups for Five Eggs or Puddings **$13.35**

No. 4—All Parts Retinned, for Five Eggs or Puddings.... **16.65**

Weight Per Dozen 16 Pounds.

The Buffalo Steam Egg Poacher consists of Water Pan, Rack, Egg Cups and Cover.

Open Stock.

Hotel Ware.

HOTEL SAUCE PANS

Wrought Steel, Seamless, Retinned, Long Heavy Handle, Medium.

Nos.	148	150	155
T. Cap., Qts.	4½	7½	10¾
Inches	8⅜x5⅛	9¾x5½	11⅜x6
Wt. Dz., Lbs.	95	120	154
Per Dozen	$12.75	31.20	40.00

Nos.	165	175
T. Cap., Qts.	17	21½
Inches	13¼x7⅛	14x8
Wt. Dz., Lbs.	220	270
Per Dozen	$52.25	68.00

Open Stock.

HOTEL SAUCE PANS

Wrought Steel, Seamless, Retinned, Long Heavy Handle, Deep.

Nos.	248	250	255
T. Cap., Qts.	5½	9	15½
Inches	8⅜x6¼	9¾x6⅝	11⅜x8
Wt. Dz., Lbs.	85	110	180
Per Dozen	$30.00	38.00	44.50

Nos.	265	275
T. Cap., Qts.	21½	26
Inches	13¼x8⅞	14x9⅝
Wt. Dz., Lbs.	230	345
Per Dozen	$60.00	74.25

Open Stock.

HOTEL FRY PANS

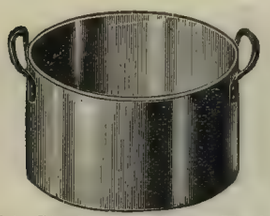
Wrought Steel, Polished, Deep, French Pattern.

Nos.	16	18	20
Inches	6½x1½	7½x1⅝	8x1¾
Bot. Diam., In.	4⅝	4⅞	5
Wt. Doz., Lbs.	14	17	19
Per Dozen	$3.35	3.90	4.70

Nos.	24	28
Inches	9½x2	11¼x2¼
Bot. Diam., In.	6¼	8
Wt. Doz., Lbs.	26	34
Per Dozen	$5.80	7.25

Open Stock.

HOTEL SAUCE POTS



Wrought Steel, Seamless, Retinned, Side Handles, Medium.

Nos.	548	550	555
T. Cap., Qts.	4½	7½	10¾
Inches	8⅜x5⅛	9¾x5½	11⅜x6
Wt. Dz., Lbs.	65	100	114
Per Dozen	$16.50	20.00	25.50

Nos.	565	575
T. Cap., Qts.	17	21½
Inches	13¼x7⅛	14x8
Wt. Dz., Lbs.	174	201
Per Dozen	$36.00	46.00

Open Stock.

HOTEL SAUCE POTS

Wrought Steel, Seamless, Retinned, Side Handles, Deep.

Nos.	648	650	655
T. Cap., Qts.	5½	9	15½
Inches	8⅜x6¼	9¾x6⅝	11⅜x8
Wt. Dz., Lbs.	80	105	140
Per Dozen	$19.00	23.25	30.00

Nos.	665	675
T. Cap., Qts.	21½	26
Inches	13¼x8⅞	14x9⅝
Wt. Dz., Lbs.	180	250
Per Dozen	$40.00	50.00

Open Stock.

HOTEL SAUCE POT COVERS

Seamless, Retinned, Top Handle, Fit Sauce Pans and Sauce Pots.

Nos.	848	850	855
Inches	8⅜	9¾	11⅜
Wt. Doz., Lbs.	18	21	30
Per Dozen	$5.35	7.25	9.15

Nos.	865	875
Inches	13¼	14
Wt. Doz., Lbs.	36	42
Per Dozen	$11.15	12.90

Open Stock.

HOTEL SOUP STOCK POTS

Wrought Steel Covered, Seamless, Retinned, Side Handles.

Nos.	12	18
T. Cap., Gals.	3¾	4¾
Inches	10½x10¼	11¼x11⅛
Wt. Doz., Lbs.	120	144
Per Dozen	$35.60	45.50

Nos.	24	36
T. Cap., Gals.	6	9
Inches	13x11¾	15x14
Wt. Doz., Lbs.	180	240
Per Dozen	$60.00	75.50

Open Stock.

HOTEL SOUP STOCK POTS

Wrought Steel, Covered, Seamless, Retinned, Side Handles, with Strainer and 1 in. Brass Faucet.

Nos.	112	118
T. Cap., Gals.	3¾	4¾
Inches	10½x10¼	11¼x11⅛
Wt. Doz., Lbs.	168	204
Per Dozen	$90.00	105.50

Nos.	124	136
T. Cap., Gals.	6	9
Inches	13x11¾	15x14
Wt. Doz., Lbs.	228	276
Per Dozen	$120.00	135.50

Open Stock.

HOTEL SPONGE OR EGG KETTLES

Wrought Steel, Retinned, Seamless.

Nos.	8½	9
T. Cap., Qts.	10	12
Inches	11½x8½	12⅝x9½
Wt. Doz., Lbs.	55	65
Per Dozen	$15.50	17.60

Nos.	10
T. Cap., Qts.	16
Inches	13⅝x10½
Wt. Doz., Lbs.	75
Per Dozen	$20.60

Open Stock.

Hotel Ware.

DISH PANS

PRITZLAFF SPECIAL, Wrought Steel, Extra Heavy, Special Retinned. Wide Edge.

Quarts	14	17	21
Inches	16¾x5¼	18x5½	19½x5¾
Wt. Dz., Lbs.	54	66	72
Per Dozen	$15.00	17.60	21.15

Quarts	30	40
Inches	21¾x6	24¾x6¼
Wt. Dz., Lbs.	84	102
Per Dozen	$24.50	34.50

Open Stock.

HOTEL BREAD RAISERS

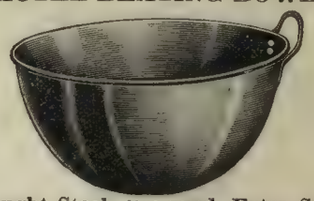
Wrought Steel, Extra Heavy, Retinned, Deep, Side Handle, with Cover.

Quarts	14	17
Inches	16	18
Wt. Dozen, Lbs.	120	150
Per Dozen	$20.00	22.50

Quarts	21
Inches	19½
Wt. Dozen, Lbs.	170
Per Dozen	$27.80

Open Stock.

HOTEL BEATING BOWLS



Wrought Steel, Retinned, Extra Strong, Wire Side Handle.

Nos.	14	17
Quarts	14	17
Inches	14⅞x7¼	16⅜x7¼
Wt. Doz., Lbs.	65	80
Per Dozen	$16.70	21.10

Nos.	21
Quarts	21
Inches	18½x7¾
Wt. Doz., Lbs.	84
Per Dozen	$26.25

Open Stock.

HOTEL COLANDERS

Wrought Steel, Retinned, Seamless, Side Handles.

Nos.	110	114	217
Inches	13¾x4¾	16½x5½	17¾x6
Wt. Dz., Lbs.	42	60	70
Per Dozen	$16.50	20.00	25.50

Open Stock.

HOTEL CHINESE STRAINERS

Wrought Steel, Retinned, Extra Strong, Malleable Handles.

Nos.	60	70	75
Diam., In.	6	7	7½
Wt. Doz., Lbs.	32	39	46
Per Dozen	$22.75	25.50	30.00

Nos.	80	90
Diam., In.	8	9
Wt. Doz., Lbs.	55	60
Per Dozen	$37.80	44.50

Open Stock.

HOTEL FLESH FORKS

Wrought Steel, Retinned.

Per Dozen

No. 200—Two Prong, 21½ in. Long Over All, Weight Per Dozen 19 Lbs..... $8.35

No. 240—Two Prong, 24 in. Long Over All, Weight Per Dozen 22 Lbs..... 9.75

Open Stock.

HOTEL SKIMMERS

Wrought Steel, Retinned, Flat.

Nos.	150	180
Inches	6½	7¾
Wt. Dozen, Lbs.	18	27
Per Dozen	$5.40	6.30

Open Stock.

HOTEL LADLES

Wrought Steel, Retinned, Pierced Bowl, Oval Handle.

Nos.	201	301
Inches	6x2¾	7¾x4⅛
Wt. Dozen, Lbs.	21	36
Per Dozen	$7.25	9.65

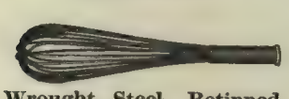
Open Stock.

Wrought Steel, Retinned, Solid Bowl, Oval Handle.

Nos.	200	300
Inches	6x2¾	7¾x4⅛
Wt. Dozen, Lbs.	22	36
Per Dozen	$7.50	8.90

Open Stock.

HOTEL SPONGE OR EGG BEATERS

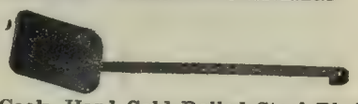


Wrought Steel, Retinned.

Nos.	14	16	18
Inches	14	16	18
Wt. Doz., Lbs.	20	22	25
Per Dozen	$7.80	8.90	9.75

Open Stock.

HOTEL CAKE TURNERS



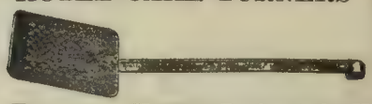
Cook, Hard Cold Rolled Steel Blades, Ground Edges, Wide Thick Flat Tinned Handle, Perforated and Hooked to Hang Up.

Per Dozen

No. 175—3 11/16x4½ in. Blade, 16 in. Long Over All, Weight Per Dozen 5 Lbs..... $1.70

One Dozen in a Bundle.

HOTEL CAKE TURNERS



Freeman, Heavy Perforated Hard Cold Rolled Steel Blade, Ground Edges, Wide Thick Flat Tinned Handle, Perforated and Hooked to Hang Up.

Per Dozen

No. 200—4x5⅜ in. Blade, 17 in. Long Over All, Weight Per Dozen 6¼ Lbs..... $2.25

One Dozen in a Bundle.

Stamped Tinware.

BREAD RAISERS

Heavy Retinned, Deep, Ventilated Cover.

Nos.	110	114	117	121
T. Cap., Qts.	10	14	17	21
Inches	15	16	18	19½
Wt. Dz., Lbs.	40	47	54	62
Per Dozen	$11.15	13.35	16.00	18.65

Open Stock.

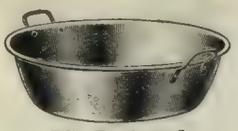
BREAD RAISER COVERS

Retinned, Ventilating.

For T. C., Qts.	10	14	17	21
Inches	15	16	18	21
Wt. Doz., Lbs.	10	12	14	16
Per Dozen	$4.00	4.70	5.60	6.10

Open Stock.

RINSING PANS

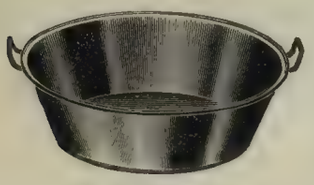


IC, Retinned.

Nos.	100	104	107
T. Cap., Qts.	10	14	17
Inches	14¾x4½	16x5	18x5½
Wt. Dz., Lbs.	13	16	18
Per Dozen	$4.50	5.35	6.70

Open Stock.

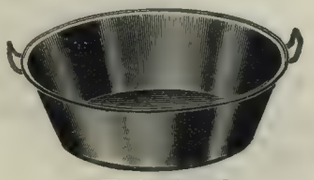
DISH PANS



IX, Retinned.

Nos.	110	114
Trade Cap., Qts.	10	14
Inches	14½x5⅛	16¼x5½
Wt. Dozen, Lbs.	20	23
Per Dozen	$5.35	6.50
Nos.	**117**	**121**
Trade Cap., Qts.	17	21
Inches	17¾x5¾	19½x6
Wt. Dozen, Lbs.	28	32
Per Dozen	$8.00	9.50

Open Stock.



IXX, Retinned.

Nos.	210	214
Trade Cap., Qts.	10	14
Inches	14½x5⅛	16¼x5½
Wt Dozen, Lbs.	23	26
Per Dozen	$7.35	8.70
Nos.	**217**	**221**
Trade Cap., Qts.	17	21
Inches	17¾x5¾	19½x6
Wt. Dozen, Lbs.	30	34
Per Dozen	$10.00	11.15

Open Stock.

IXXX, Retinned.

Nos.	314	317
Trade Cap., Qts.	14	17
Inches	16¼x5½	17¾x5¾
Wt. Doz., Lbs.	28	33
Per Dozen	$10.60	12.00
Nos.	**321**	**330**
Trade Cap., Qts.	21	30
Inches	19½x6	20¾x6½
Wt Doz., Lbs.	40	70
Per Dozen	$13.35	19.45

Open Stock.

LIPPED PRESERVING KETTLES

Retinned.

Nos.	220	240	260
T. Cap., Qts.	4	5	6
Inches	9¼x4	9¾x4⅛	11x5
Wt. Doz., Lbs.	11	13	15
Per Dozen	$3.45	4.15	4.60

Open Stock.

LIPPED SAUCE PANS

Retinned.

Nos.	016	018	020
T. Cap., Qts.	2	2½	3
Inches	7¼x3¼	7¾x3½	8½x3¾
Wt. Dz., Lbs.	7	7½	8½
Per Dozen	$2.25	2.60	2.90
Nos.		**022**	**024**
T. Cap., Qts.		4	5
Inches		9¼x4	9¾x4⅛
Wt. Doz., Lbs.		11	15
Per Dozen		$3.15	3.60

Open Stock.

COLANDERS

Retinned, Feet Fast.

Nos.	104	205
Inches	10	10½
Wt. Dozen, Lbs.	7	8
Per Dozen	$2.90	3.35
Nos.	**306**	**407**
Inches	11	13
Wt. Dozen, Lbs.	9	10
Per Dozen	$3.90	4.70

Open Stock.

MILK SKIMMERS

Plain, Pierced.

No.	45
Inches	5⅜x5
Weight Per Dozen, Lbs.	1¼
Per Dozen	$0.45

Open Stock.

MILK SKIMMERS

Retinned, Iron Handle, Pierced.

No.	65
Inches	4½
Weight Per Dozen, Lbs.	3
Per Dozen	$1.15

Open Stock.

FLAT SKIMMERS

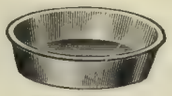
Retinned, Flat Handle.

Nos.	9	10	11	12
Inches	4¼	4½	4¾	5
Wt. Doz., Lbs.	3½	4	4¼	4½
Per Dozen	$1.15	1.25	1.35	1.45

Open Stock.

Stamped Tinware.

MILK PANS



IC, Plain.

Nos.	200	200½	201	201½
Trade Cap., Qts...	¼	½	1	1½
Inches	5¼x1⅜	6x1½	6¾x1¾	7¾x1⅞
Wt. Dozen, Lbs...	1½	1¾	2¼	2¾
Per Dozen	$0.32	.40	.50	.60

Nos.	202	203	204	205
Trade Cap., Qts...	2	3	4	5
Inches	8½x2	9¼x2¼	10⅞x2½	11¾x2⅝
Wt. Dozen, Lbs...	3½	4¼	5¾	6¾
Per Dozen	$0.70	.80	.90	1.15

Nos.	206	208	210	212
Trade Cap., Qts...	6	8	10	12
Inches	12⅝x2¾	13¼x3	14½x3	15½x3⅛
Wt. Dozen, Lbs...	7¼	9	10	11
Per Dozen	$1.25	1.35	1.70	2.15

Open Stock.

IC, Retinned.

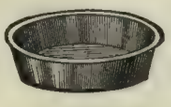
Nos.	300	300½	301	301½
Trade Cap., Qts...	¼	½	1	1½
Inches	5¼x1⅜	6x1½	6¾x1¾	7¾x1⅞
Wt. Dozen, Lbs...	1½	1¾	2½	3
Per Dozen	$0.90	1.00	1.15	1.25

Nos.	302	303	304	305
Trade Cap., Qts...	2	3	4	5
Inches	8½x2	9¼x2¼	10⅞x2½	11¾x2⅝
Wt. Dozen, Lbs...	3½	5	6	7
Per Dozen	$1.45	1.70	2.15	2.35

Nos.	306	308	310	312
Trade Cap., Qts...	6	8	10	12
Inches	12⅝x2¾	13¼x3	14½x3	15½x3⅛
Wt. Dozen, Lbs...	8	9	10	11
Per Dozen	$2.60	3.00	3.70	4.65

Open Stock.

MILK PANS

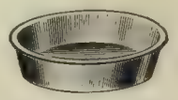


IX, Plain.

Nos.	402	403	404	405
Trade Cap., Qts...	2	3	4	5
Inches	8½x2	9¼x2¼	10⅞x2½	11¾x2⅝
Wt. Dozen, Lbs...	6	7	7½	8
Per Dozen	$1.15	1.25	1.45	1.80

Nos.	406	408	410	412
Trade Cap., Qts...	6	8	10	12
Inches	12⅝x2¾	13¼x3	14½x3	15½x3⅛
Wt. Dozen, Lbs...	9	11	12½	14
Per Dozen	$2.00	2.25	2.70	3.35

Open Stock.



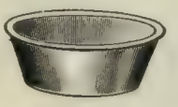
IX, Retinned.

Nos.	502	503	504	505
Trade Cap., Qts...	2	3	4	5
Inches	8½x2	9¼x2¼	10⅞x2½	11¾x2⅝
Wt. Dozen, Lbs...	6½	7½	8	9
Per Dozen	$1.90	2.15	2.50	2.90

Nos.	506	508	510	512
Trade Cap., Qts...	6	8	10	12
Inches	12⅝x2¾	13¼x3	14½x3	15½x3⅛
Wt. Dozen, Lbs...	10	12	13½	15
Per Dozen	$3.35	4.00	4.50	5.40

Open Stock.

PUDDING PANS



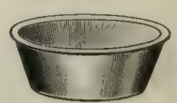
IC, Plain.

Nos.	015	016	017	018
Trade Cap., Qts...	½	1	1½	2
Inches	6⅝x2¼	7¼x2⅜	7¾x3	8½x3
Wt. Dozen, Lbs...	2½	3	3½	4
Per Dozen	$0.50	.60	.70	.80

Nos.		019	020	021
Trade Cap., Qts...		3	4	5
Inches		9¼x3¼	10¼x3¼	11x3½
Wt. Dozen, Lbs...		4½	5½	7½
Per Dozen		$0.90	1.10	1.25

Nos.		022	023	024
Trade Cap., Qts...		6	8	10
Inches		11½x3½	12½x4	13¼x4½
Wt. Dozen, Lbs...		8	8½	9
Per Dozen		$1.35	1.70	2.00

Open Stock.



IC, Retinned.

Nos.	15	16	17	18
Trade Cap., Qts...	½	1	1½	2
Inches	6⅝x2¼	7¼x2⅜	7¾x3	8½x3
Wt. Dozen, Lbs...	2½	3	3¾	4½
Per Dozen	$1.25	1.45	1.70	1.90

Nos.		19	20	21
Trade Cap., Qts...		3	4	5
Inches		9¼x3¼	10¼x3¼	11x3½
Wt. Dozen, Lbs...		5	6	7½
Per Dozen		$2.15	2.35	2.65

Nos.		22	23	24
Trade Cap., Qts...		6	8	10
Inches		11½x3½	12½x4	13¼x4½
Wt. Dozen, Lbs...		8	9	10
Per Dozen		$2.80	3.70	4.50

Open Stock.

IX, Retinned.

Nos.	180	190	200	210	220	230	240
Trade Cap., Quarts	2	3	4	5	6	8	10
Inches	8½x3	9¼x3¼	10¼x3¼	11x3½	11½x3½	12½x4	13¼x4½
Weight Per Dozen, Lbs	6	6½	7½	9½	11	12	14
Per Dozen	$2.25	2.50	2.80	3.15	3.50	4.25	4.90

Open Stock.

Stamped Tinware.

SOUP STRAINERS

Plain, 18 Mesh Tinned Wire Bottom, Flat Handle.

No.	120
Inches	7¼x2⅝
Weight Per Dozen, Lbs.	4
Per Dozen	$1.70

Open Stock.

SOUP STRAINERS

Retinned, 30 Mesh Tinned Wire Bottom, Flat Handle.

No.	1100
Inches	7½x3⅛
Weight Per Dozen, Lbs.	7
Per Dozen	$4.00

Open Stock.

JELLY STRAINERS

Seamless, Side Handles, Twilled Wire Bottom.

	Plain		Retinned	
Nos.	12	16	121	161
Inches	7x2⅝	8x3¼	7x2⅝	8x3¼
Wt. Dz., Lbs.	4½	6	5	6½
Per Dozen	$1.80	2.25	2.50	3.10

Open Stock.

GRAVY STRAINERS

Plain, Tin Handle, Perforated Tin Bottom.

Nos.	2	3
Inches	4¼	5¼
Wt. Per Doz., Lbs.	2	3½
Per Dozen	$0.70	.90

Open Stock.

GRAVY STRAINERS

Retinned, Enameled Wood Handle, Perforated Tin Bottom.

Nos.	20	30
Inches	4¼	5¼
Wt. Per Doz., Lbs.	2½	4
Per Dozen	$1.25	1.60

Open Stock.

CREAM LADLES

Retinned, Tin Handle.

Nos.	7	17
Inches	1¾x1	2x1¼
Wt. Per Doz., Lbs.	¾	1⅛
Per Dozen	$0.45	.70

Open Stock.

SOUP LADLES

Retinned, Threaded Handles.

Nos.	38	39
Inches	3¾	4
Wt. Per Doz., Lbs.	2	2½
Per Dozen	$1.15	1.25

Open Stock.

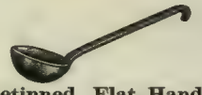
SOUP LADLES

Retinned, Enameled Wood Handle, Steel Shank.

Nos.	29	30
Inches	3¾	4
Wt. Per Doz., Lbs.	3	3½
Per Dozen	$1.25	1.35

Open Stock.

DEEP SOLID LADLES



Retinned, Flat Handle.

Nos.	09	010	011	012
Inches	3¾	4	4¼	4⅝
Wt. Doz., Lbs.	3½	4	4½	5
Per Dozen	$1.35	1.45	1.60	1.70

Open Stock.

DEEP PIERCED LADLES

Retinned, Flat Handle.

Nos.	9	10	11	12
Inches	3¾	4	4¼	4⅝
Wt. Doz., Lbs.	3	4	5	5½
Per Dozen	$1.45	1.60	1.70	1.80

Open Stock.

CUP DIPPERS

Retinned, Flat Iron Handle.

Nos.	9	10	11
T. Cap., Pts.	¾	1	1¼
Inches	4¼x2	4½x2	5x2⅛
Wt. Doz., Lbs.	6	6½	7½
Per Dozen	$1.60	1.90	2.15

Open Stock.

FAMILY DIPPERS

Retinned, Extra Heavy, Improved Round Handle, Riveted.

Nos.	41	42	43
T. Cap., Pts.	1	2	3
Inches	5x2¾	5¾x3	6x3¼
Wt. Doz., Lbs.	5	7	8
Per Dozen	$2.15	2.45	3.10

Open Stock.

WATER DIPPERS

Plain.

Nos.	2	4	5
T. Cap., Pts.	1	2	4
Inches	4½x2	5⅝x2⅛	6x2½
Wt. Doz., Lbs.	6½	8	10
Per Dozen	$0.80	1.00	1.15

Open Stock.

WATER DIPPERS

Retinned.

Nos.	32	34	35
T. Cap., Pts.	1	2	4
Inches	4½x2	5⅝x2⅛	6x2½
Wt. Doz., Lbs.	7	8½	11
Per Dozen	$1.45	1.80	2.00

Open Stock.

LAUNDRY DIPPERS

Retinned, Riveted Handle, 6½ in. Long.

No.	203
Trade Cap., Qts.	4
Inches	8½x4
Weight Per Dozen, Lbs.	12
Per Dozen	$3.90

Open Stock.

Stamped Tinware.

DRINKING CUPS

Deep, Retinned, Seamless, Riveted Handles.

Nos.	8	9	10	11
Trade Cap., Pints	½	¾	1	1½
Inches	3⅝x2	3⅞x2¼	4⅛x2⅜	4⅜x2⅝
Wt. Per Dozen, Lbs.	1½	2	2½	3
Per Dozen	$1.00	1.15	1.25	1.35

Open Stock.

STRAIGHT CUPS

Retinned, Seamless, Riveted Handles.

Nos.	23	26
Trade Cap., Pints	1	2
Inches	4x2½	5⅛x3¾
Weight Per Dozen, Lbs	2½	6
Per Dozen	$1.45	2.90

Open Stock.

WASH BOWLS

IC, Plain, with Eyelets.

Nos.	06	06½	07	07½	08
Inches	10	10½	11½	12¼	13
Wt. Per Doz., Lbs.	5	5½	6	7	7½
Per Dozen	$0.80	.90	1.00	1.25	1.35

Open Stock.

WASH BOWLS

IC, Retinned, with Eyelet.

Nos.	6	6½	7	7½	8
Inches	10	10½	11½	12¼	13
Wt. Per Doz., Lbs.	5	5½	7	7½	8
Per Dozen	$1.70	1.80	1.90	2.35	2.70

Open Stock.

CAKE PANS

Scalloped, Plain, without Tube.

Nos.	012	013
Inches	8	10
Wt. Per Doz., Lbs.	2½	5
Per Dozen	$0.70	1.00

Open Stock.

CAKE PANS

Scalloped, Plain, with Tube.

Nos.	2	3
Inches	8	10
Wt. Per Doz., Lbs.	3½	5½
Per Dozen	$0.90	1.25

Open Stock.

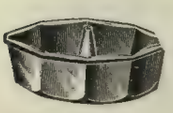
ANGEL CAKE PANS

IX, Retinned, with Tube.

No.	10
Inches	9¾x4½
Weight Per Dozen, Lbs	13
Per Dozen	$4.70

Open Stock.

CAKE MOULDS



Octagon, Retinned, Deep, with Tube.

Nos.	72	73
Trade Cap., Qts.	2	3
Inches	8¼x3	9¼x3
Wt. Dozen, Lbs.	6	7
Per Dozen	$2.35	2.90

Nos.	74	75
Trade Cap., Qts.	4	5
Inches	10x3½	10½x3¾
Wt. Dozen, Lbs.	7½	8½
Per Dozen	$3.35	4.50

Open Stock.

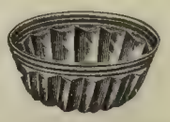
CAKE MOULDS

Turban, Retinned, with Tube.

Nos.	86	87
Trade Cap., Qts.	2	3
Inches	8¼x3	9¼x3
Wt. Dozen, Lbs.	6	7
Per Dozen	$2.25	2.70

Nos.	88	89
Trade Cap., Qts.	4	5
Inches	10x3½	10½x3¾
Wt. Dozen, Lbs.	8	9
Per Dozen	$3.10	3.90

Open Stock.



Turk's Head, Retinned, without Tube.

Nos.	061½	062	063
T. Cap., Qts.	2	3	4
Inches	8⅛x3⅜	9x4	9¾x4
Wt. Doz., Lbs.	7	8	9
Per Dozen	$2.90	3.35	4.25

Open Stock.

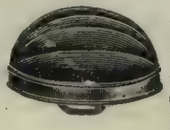
CAKE MOULDS

Turk's Head, Retinned, with Tube.

Nos.	61½	62	63
Trade Cap., Qts.	2	3	4
Inches	8⅛x3⅜	9x4	9¾x4
Wt. Dozen, Lbs.	7	9	10
Per Dozen	$3.10	3.60	4.45

Open Stock.

MELON MOULDS



Oval, Retinned.

Nos.	1	2	3
T. Cap., Pts.	1	2	3
Inches	5¼x4x2⅜	6½x5x3⅛	7x5⅜x3⅝
Wt. Doz., Lbs.	12	15	17
Per Dozen	$8.25	8.90	10.50

Nos.		4	5
T. Cap., Pts.		4	5
Inches		8x6x4	9⅛x7x4½
Wt. Doz., Lbs.		26	28
Per Dozen		$12.25	13.60

Open Stock.

Stamped Tinware.

MUFFIN PANS

Plain, Solid Frame, Size of Cup 3x1 in.

Nos.	6	8
Cups	6	8
Inches	10¼x6¾	13½x6¾
Wt. Dozen, Lbs.	4½	6½
Per Dozen	$1.60	2.00

Nos.	9	12
Cups	9	12
Inches	10¼x10¼	13½x10¼
Wt. Dozen, Lbs.	7	9
Per Dozen	$2.50	3.15

Open Stock.

CORN OR LEMON CAKE PANS

Plain, Solid Frame, Size of Cup 3x1½ in.

Nos.	06	08
Cups	6	8
Inches	10¼x6¾	13½x6¾
Wt. Dozen, Lbs.	5	7
Per Dozen	$1.90	2.50

Nos.	09	012
Cups	9	12
Inches	10¼x10¼	13½x10¼
Wt. Dozen, Lbs.	8	10
Per Dozen	$3.10	3.90

Open Stock.

TURK'S HEAD PANS

Plain, Solid Frame, Size of Cup 3x1¼ in.

Nos.	106	108
Cups	6	8
Inches	10¼x6¾	13½x6¾
Wt. Dozen, Lbs.	4½	6
Per Dozen	$1.80	2.25

Nos.	109	112
Cups	9	12
Inches	10¼x10¼	13½x10¼
Wt. Dozen, Lbs.	7	9
Per Dozen	$2.80	3.60

Open Stock.

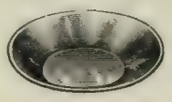
DEEP BISCUIT PANS

Plain, Solid Frame, Size of Cups 2 5/16x1 1/16 in.

Nos.	60	80	120
Cups	6	8	12
Inches	8x5½	10½x5½	10½x8
Weight Per Dozen, Lbs.	3	4	5½
Per Dozen	$1.70	2.15	3.15

Open Stock.

PATTY PANS



Plain, Round.

Nos.	11	12	13
Inches	3	3½	4
Weight Per Gross, Lbs.	2	2½	3
Per Gross	$1.45	1.90	2.35

Open Stock.

PATTY PANS

Round, Deep, Scalloped.

Nos.	0	1	2
Inches	3	3½	4
Wt. Gross, Lbs.	6	6½	7
Per Gross	$1.45	1.90	2.35

Open Stock.

Round, Crinkled.

Nos.	20	21	22
Inches	3	3½	4
Wt. Gross, Lbs.	6	6½	7
Per Gross	$1.45	1.70	2.35

Open Stock.

Leaf.

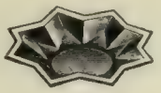
No.	24
Inches	4
Weight Per Gross, Lbs.	7
Per Gross	$2.00

Open Stock.

Heart.

No.	7
Inches	3
Weight Per Gross, Lbs.	6
Per Gross	$1.90

Open Stock.



Star.

No.	25
Inches	3
Weight Per Gross, Lbs.	6
Per Gross	$1.90

Open Stock.

Shell.

No.	26
Inches	3
Weight Per Gross, Lbs.	6
Per Gross	$1.90

Open Stock.

LETTERED PLATES

Plain, Bright Tin.

Per Gross

No. 6—6 in., Weight Per Gross 14 Lbs. $4.65

Open Stock.

ANIMAL PLATES

Fancy Tin, Silver Finish.

Per Gross

No. 8—8 in., Weight Per Gross 28 Lbs. $8.35

Open Stock.

MOTHER GOOSE PLATES

Fancy, Bright Tin.

Per Gross

No. 30—9 in., Weight Per Gross 30 Lbs. $8.50

Open Stock.

Perfection Ware.

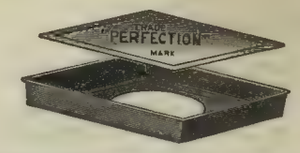
ROUND SHALLOW PANS

Tin, Plain, Removable Bottom, for Layer Cakes and Pies.

Nos.	1	2
Inches	9 ¼ x1	10 ¼ x1
Weight Per Dozen, Lbs.	5	6
Per Dozen	$1.35	1.45

One Dozen in a Package.

SQUARE SHALLOW PANS



Tin, Plain, Removable Bottom, for Roll and Loaf Cake.

Nos.	700	800	900
Inches	8 ½ x8 ½ x1	8 ⅝ x8 ⅝ x1 ⅝	9x9x2 ⅝
Wt. Per Dozen, Lbs.	7 ½	8	9
Per Dozen	$1.70	2.00	2.90

One Dozen in a Package.

DEEP ROUND PANS

Tin, Plain, Removable Bottom, for Loaf Cake.

No.	3
Inches	10 ⅛ x2 ⅞
Weight Per Dozen, Lbs.	7
Per Dozen	$2.00

One Dozen in a Package.

DEEP ROUND PANS, WITH TUBE

Tin, Plain, Removable Bottom, for Loaf Cake.

Nos.	6 ½	7
Inches	9 ⅜ x2 ¾	10 ⅛ x2 ⅞
Weight Per Dozen, Lbs.	7 ½	8
Per Dozen	$2.25	2.50

One Dozen in a Package.

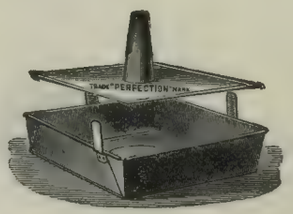
OBLONG DEEP PANS

Tin, Plain, Removable Bottom, for Loaf Cake or Bread.

Nos.	200	300
Inches	9 ½ x5 ½ x2 ¾	10 ½ x6 ½ x2 ¾
Wt. Dz., Lbs.	8 ¼	12
Per Dozen.	$1.70	2.50

One Dozen in a Package.

SQUARE CAKE PANS WITH TUBE

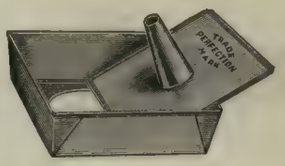


Tin, Plain, Removable Bottom, WITH FOUR LEGS, for Baking Angel Food Cake.

No.	90P
Inches	9x9x2 ⅝
Weight Per Dozen, Lbs.	9 ½
Per Dozen	$4.00

One Dozen in a Package.

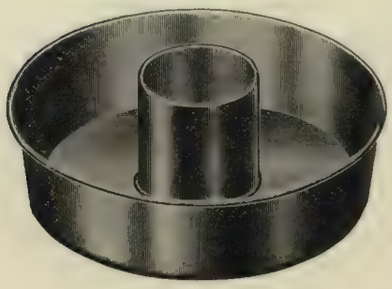
SQUARE CAKE PANS WITH TUBE



Tin, Plain, Removable Bottom, for Baking Angel Food Cake.

No.	99P
Inches	9x9x2 ⅝
Weight Per Dozen, Lbs.	9
Per Dozen	$3.90

One Dozen in a Package.



Hand Made Coffee Cake Pans.

Made of Extra Heavy Tin, with Extra Large Tube.

Nos.	828	829	830
Diameter, Inches	8	9	10
Depth, Inches	2 ½	2 ½	3
Weight Per Dozen, Lbs.	10	11	12
Per Dozen	$8.40	9.20	10.00

One Dozen in a Package.

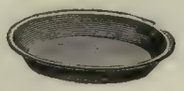
Stamped Tinware.

PIE PLATES

Shallow, IC, Plain, ⅞ in. Deep.

Inches	6	7	8
Wt. Gross, Lbs.	15	20	29
Per Gross	$3.35	3.90	5.25
Inches	9	10	11
Wt. Gross, Lbs.	36	45	52
Per Gross	$5.80	7.25	10.25

Open Stock.



Deep, IC, Plain, 1¼ in. Deep.

Inches	9	10	11
Wt. Gross, Lbs.	38	45	50
Per Gross	$6.70	8.35	11.70

Open Stock.

Perforated, IC, Plain.

Inches	9	10
Wt. Gross, Lbs.	35	43
Per Gross	$8.35	10.00

Open Stock.

JELLY CAKE PANS

Shallow, IC, Plain, ½ in. Deep.

Inches	9	10
Wt. Gross, Lbs.	35	44
Per Gross	$6.15	7.35

Open Stock.

JELLY CAKE PANS

Deep, IC, Plain, 1 in. Deep.

Inches	9	10
Wt. Gross, Lbs.	39	47
Per Gross	$6.90	8.35

Open Stock.

MOUNTAIN CAKE PANS

IC, Plain, 1⅜ in. Deep.

Inches	9	10
Wt. Gross, Lbs.	42	50
Per Gross	$8.35	10.00

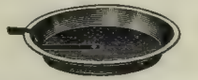
Open Stock.

PIE PLATES

"EZEOUT," Shallow, IC, Plain, ⅞ in. Deep.

Nos.	90	100
Inches	9	10
Wt. Per Doz., Lbs.	4	5
Per Dozen	$0.80	.90

Open Stock.



"EZEOUT," Deep, IC, Plain, 1¼ in. Deep.

Nos.	92	102
Inches	9	10
Wt. Per Doz., Lbs.	4	5
Per Dozen	$0.90	1.00

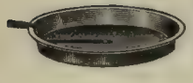
Open Stock.

"EZEOUT," Perforated, IC, Plain, ⅞ in. Deep.

Nos.	93	103
Inches	9	10
Wt. Per Doz., Lbs.	4	5
Per Dozen	$1.00	1.15

Open Stock.

JELLY CAKE PANS



"EZEOUT," Deep, IC, Plain, 1 in. Deep.

Nos.	91	101
Inches	9	10
Wt. Per Dozen, Lbs.	4	4½
Per Dozen	$0.90	1.00

Open Stock.

MOUNTAIN CAKE PANS

"EZEOUT," IC, Plain, 1⅜ in. Deep.

Nos.	94	104
Inches	9	10
Wt. Per Dozen, Lbs.	4½	5½
Per Dozen	$1.15	1.25

Open Stock.

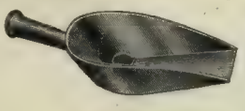
FRUIT JAR FILLERS

Plain, Seamless Body.

No.	25
Inches	4½
Weight Per Dozen, Lbs.	2
Per Dozen	$0.70

Open Stock.

FRENCH MODEL SCOOPS



Heavy Tin, Polished.

Nos.	100	101	102	103	104
Inches	4½	5½	6½	8	9½
Wt. Doz., Lbs.	1	1¾	2¾	4½	6
Per Dozen	$2.35	2.80	3.60	4.50	5.15

Open Stock.

THUMB SCOOPS

Retinned, Ring Handle.

Nos.	12	14	16
Inches	5x3	6x3¼	7½x3¾
Wt. Doz., Lbs.	2½	2¾	3
Per Dozen	$1.25	1.35	1.60

Open Stock.

FAMILY SCOOPS

Retinned, Iron Handle.

Nos.	34	35
Inches	5x3½	5¾x3¾
Wt. Dozen, Lbs.	2½	3½
Per Dozen	$1.25	1.45

Open Stock.

SPICE SCOOPS

Retinned, Ring Handle.

Nos.	0	00	000
Inches	3½x3	5x3¼	7½x3¾
Wt. Doz., Lbs.	1¼	2	4
Per Dozen	$0.90	1.15	1.35

Open Stock.

Grocers' Scoops.

Retinned, Open.

Nos.	2	3
Inches	6¾x4¾	8x5½
Wt. Dozen, Lbs.	5	7
Per Dozen	$2.50	2.90
Nos.	**4**	**5**
Inches	9¾x6¾	11x7¼
Wt. Dozen, Lbs.	9	12
Per Dozen	$3.70	4.50

Open Stock.

Retinned, Covered.

Nos.	20	30
Inches	6¾x4¾	8x5½
Wt. Dozen, Lbs.	7½	8½
Per Dozen	$3.80	4.70
Nos.	**40**	**50**
Inches	9¾x6¾	11x7¼
Wt. Dozen, Lbs.	14	18
Per Dozen	$5.35	6.50

Open Stock.

Steel, Retinned, Wood Handle.

Nos.	164	165
Inches	7½x5⅛	8⅝x6⅝
Wt. Dozen, Lbs.	30	36
Per Dozen	$12.80	15.40

Open Stock.

Basting Spoons.

Iron, Retinned, Threaded Handle.

Nos.	010	012	014	016
Inches	10	12	14	16
Weight Per Dozen, Lbs.	1½	1¾	2	2½
Per Dozen	$0.60	.70	.80	.90

Open Stock.

Forged, Retinned, Flat Handle.

Nos.	310	312	314	316	318
Inches	10	12	14	16	18
Wt. Per Dozen, Lbs.	2½	3	4¼	6¼	7
Per Dozen	$1.00	1.15	1.35	1.70	2.00

Open Stock.

Kitchen Spoons.

Retinned Bowl, Steel Shank and Ferrule, Enameled Wood Handle.

No.	1
Inches	13
Weight Per Dozen, Lbs.	3
Per Dozen	$0.90

Open Stock.

Slotted Cake Spoons.

Retinned Bowl, Steel Shank and Ferrule, Natural Finish Wood Handle.

No.	100
Inches	13
Weight Per Dozen, Lbs.	3
Per Dozen	$0.90

Open Stock.

Strainer Spoons.

MRS. HUTCHINS, Retinned, Steel Bowl, and Shank, Tinned Wire Strainer Center, Hardwood Handle.

No.	10
Inches	11
Weight Per Dozen, Lbs.	2½
Per Dozen	$1.70

One Dozen in a Box.

Kitchen Sets.

Three Piece Set, Consisting of Tinned Fork and Tinned Spoon, Nickel Plated Cake Turner, All with Hardwood Handles, Mounted on 7¼x16½ in. Card.

Per Dozen Sets

No. 25—Tinned Fork, Length Over All 12½ in.; Tinned Spoon, Length Over All 11½ in.; Cake Turner, Length Over All 15¼ in.; Weight Per Dozen Sets 11 Lbs. $4.50

One Set on a Card, Six Cards in a Box.

Flesh Forks.

All Wire, No. 10 Gauge, Double Tinned, Three Prongs, Cold Swaged Points.

Nos.	1	2
Length, Inches	13	15
Wt. Per Doz., Lbs.	1¾	2¼
Per Dozen	$0.35	.45

One Dozen in a Bundle.

Double Tinned Wire, No. 10 Gauge, 3 Prongs, Cold Swaged Points, Japanned Wood Handle.

Nos.	4	5	6
Length, Inches	13	15	18
Wt. Dozen, Lbs.	2½	3	3¼
Per Dozen	$0.70	.80	.90

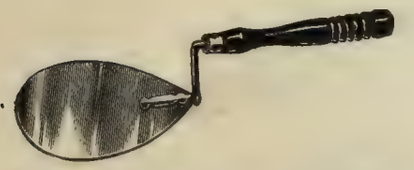
One Dozen in a Box.

Extra Strong, Forged Steel, Retinned.

Nos.	212	314
Inches	12	14
Number Prongs	2	3
Wt. Per Doz., Lbs.	4	5
Per Dozen	$1.35	1.60

One Dozen in a Package.

Cake Turners.



Nickel Plated Steel Blade, Riveted to Steel Wire Shank, Enameled Wood Handle.

Per Dozen

No. 10—3¾x4¾ in. Blade, 10 in. Long Over All, Weight Per Dozen 4 Lbs.....**$1.70**

One Dozen in a Box.

Bright Steel Blade, Enameled Wood Handle.

Per Dozen

No. 2—2¾x3¼ in. Blade, 12½ in. Long Over All, Weight Per Dozen 1½ Lbs.....**$0.45**

No. 9—3¼x4¼ in. Blade, 15¼ in. Long Over All, Weight Per Dozen 2½ Lbs..... .60

One Dozen in a Box.

Spring Steel Polished Blade, Polished Oak Handle.

Per Dozen

No. 150—4x6¼ in. Blade, 17 in. Long Over All, Weight Per Dozen 3½ Lbs.....**$0.90**

One Dozen in a Box.

Combination Perforated Turner and Drainer, Bright Steel Blade, Polished Wood Handle.

Per Dozen

No. 71—3¼x4¼ in. Blade, 15 in. Long Over All, Weight Per Dozen 2½ Lbs.....**$0.90**

One Dozen in a Box.

ANDROCK, Nickel Plated Blade, Rubberoid Finish Handle.

Per Dozen

No. 165—3½x4¾ in. Blade, 15 in. Long Over All, Weight Per Dozen 3 Lbs.....**$1.60**

One Dozen in a Box.

ANDROCK, Perforated Nickel Plated Blade, Rubberoid Finish Handle.

Per Dozen

No. 164—3½x4¾ in. Blade, 15 in. Long Over All, Weight Per Dozen 2¾ Lbs.....**$1.60**

One Dozen in a Box.

Tinners' Trimmings.

KETTLE KNOBS

CADY, Black Enameled, Metal Nut Inside, Metal Ferrule.

Per Card

No. 20—Three Dozen Knobs Mounted on 5½x14 in. Display Card, Weight Per Card ¾ Lb.....**$0.80**

One Card in a Package.

No. 11.

No. 12.

No. 13.

Black Enameled with Washers and Bolts.

	Small	Medium	Large
Nos.	11	12	13
Weight Per Gross, Lbs.	3	3	3
Per Gross	$1.70	1.70	1.70

One-quarter Gross in a Box.

YANKEE ASSORTMENT.

Black Enameled Knob with Washers and Bolts, Assorted for Tea Pot, Coffee Pot and Pot Covers.

No. 17—Three Dozen Assorted Knobs, Mounted on Fancy Display Card, Weight Per Card 10 Lbs. Per Card **$0.70**

One Card in a Box.

HANDY, Black Enameled Knob with Washer and Bolt.

Per Dozen Cards

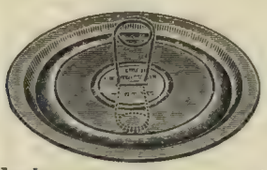
No. 30—Six Knobs, Mounted on a Card, ...**$0.90**

Weight Per Dozen Cards 6½ Lbs.

Open Stock.

Tinners' Trimmings.

POT COVERS



Cream City Spring Ring Cover, Size Stamped on Each Cover.

Inches	7	7½	8	8½	9
Wt. Per Doz., Lbs..	2¼	2½	3	3¼	3½
Per Dozen	$0.60	.65	.68	.70	.75

Inches	9½	10	10½	11	11½	12	12½	13	13½
Wt. Per Doz., Lbs.	3½	4	4	4½	5	5½	6	6½	7
Per Dozen	$0.80	.85	.90	1.05	1.15	1.35	1.60	1.80	2.00

Novelty Rack.

Per Assortment

Novelty Spring Ring Cover Assortment—Conisisting of ½ Dozen Each 7, 7½, 8, 8½, 12½, 13, 13½ in., One Dozen Each 9, 9½, 11½, 12 in., 1½ Dozen 10, 10½ and 11 in. Spring Ring Pot Covers $12.25

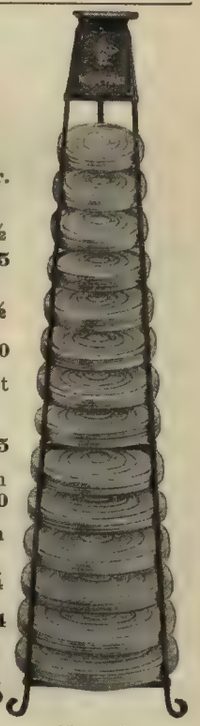
Each

Novelty Rack—Steel, Black Japanned, Displays 14 Sizes, Weight Each 12 Lbs..... $5.60

LASHER'S Spring-In Handle, Spring Steel Handles, Tinned, Each Size Embossed on Cover.

Inches	7½	7¾	8	8¼	8½	8¾
Wt. Per Doz., Lbs.	2	2¼	2½	2¾	2¾	3
Per Dozen	$0.54	.56	.56	.58	.60	.64

Inches	9	9¼	9½	9¾	10	10¼
Wt. Per Doz., Lbs.	3	3¼	3¼	3½	3½	3¾
Per Dozen	$0.66	.70	.74	.76	.78	.80



No. 15.

Inches	10½	10¾	11	11¼	11½	11¾	12	12¼	12½	12¾	13	13½
Weight Per Dozen, Lbs...	3¾	4	4	4¼	4½	4¾	5	5¼	5½	5¾	6	6½
Per Dozen	$0.82	.90	.90	1.00	1.05	1.16	1.18	1.35	1.35	1.50	1.50	1.80

One Dozen in a Carton.

LASHER'S Spring-In Handle Cover Assortment, in Solid Steel Rack, Black Japanned.

Per Assortment

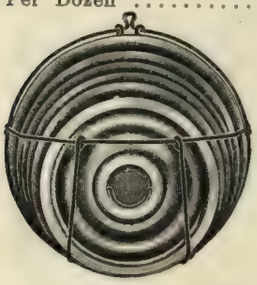
No. 15 Assortment—Contains Steel Display Rack and One Dozen Each of the Following Sizes, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12, 12½ and 13 in., Weight Per Assortment 70 Lbs..... $20.00

IC Tin, Ringed, Hemmed Edges.

Inches	8	8¼	8½	8¾	9	9¼	9½	9¾	10	10¼	10½
Wt. Doz., Lbs..	2¼	2¼	2½	2½	2¾	2¾	3	3	3¼	3½	3½
Per Dozen	$0.48	.52	.54	.56	.58	.60	.62	.66	.70	.72	.74

Inches	10¾	11	11¼	11½	11¾	12	12¼	12½	12¾	13	13¼	13½
Weight Per Dozen, Lbs....	3¾	4	4¼	4½	4¾	5	5¼	5½	5¾	6	6⅛	6¼
Per Dozen	$0.80	.84	.90	.94	1.05	1.10	1.20	1.25	1.40	1.45	1.55	1.70

One Dozen in a Package.



HANDY POT COVER SET

With Holder.

Per Dozen Sets

Handy Pot Cover Set—Comprises One Heavy Tinned Wire Holder and One Each 9, 9½, 10, 10½, 11 and 11½ in. Hemmed and Ringed Pot Covers, Weight Per Set 2 Lbs.. $5.00

Three Dozen Sets in a Case.

BOILER COVERS

IC Tin, Rimmed, Hemmed Edges.

Nos.	28	29
Outside Rim, In...	19¾x10	21⅝x11
Extreme Edge, In.	20⅝x11	22⅝x12
Wt. Per Doz., Lbs.	8½	10
Per Dozen	$2.00	2.70

Open Stock.

BOILER HANDLES

Cast Iron, Copper Bronzed.

Per Pound

No. 404—4¼ in. Wide, Weight Per Dozen About 8 Lbs.... $0.10

Open Stock.

BOILER HANDLES

Malleable Iron, Tinned, with Clip.

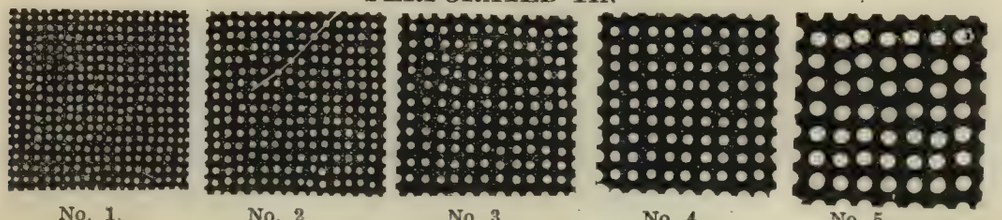
Per Dozen Pairs

No. 3575C—3⅞ in. Wide, 2½x2 in. Clip, Weight Per Dozen 6 Lbs. $2.25

Open Stock.

Tinners' Trimmings.

PERFORATED TIN



No. 1. No. 2. No. 3. No. 4. No. 5.

IC, 10x14 in. Sheet.

Nos.	1	2	3	4	5
Diam. of Hole, In..	.027	.040	.057	.065	.079
Holes to Inch.....	20	15	11	10	8
Per Dozen	$1.50	1.50	1.50	1.50	1.50

Weight Per Dozen Sheets About 3½ Pounds.

IC, 14x20 in. Sheet.

Nos.	1	2	3	4	5
Diam. of Hole, In..	.027	.040	.057	.065	.079
Holes to Inch.....	20	15	11	10	8
Per Dozen	$3.00	3.00	3.00	3.00	3.00

Weight Per Dozen Sheets About 7¾ Pounds.

Open Stock.

CAN SCREWS

Seamless.

Diam., Inches ..	½	¾	1
Wt. Gross, Lbs..	2¼	2½	4
Zinc, Per Gross,	$2.40	2.70	3.60
Tin, Per Gross,	1.50	1.80	2.10
Diam., Inches ..	1¼	1½	2
Wt. Gross, Lbs..	5	6	9
Zinc, Per Gross,	$4.80	7.20	12.00
Tin, Per Gross,	3.00	....	.....

Open Stock.

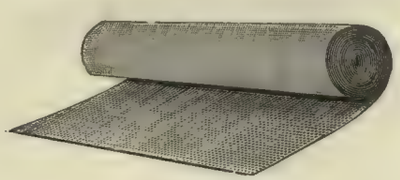
SPRINKLER ROSES

Zinc Cap, Tin Base.

Nos.	00	0	1
Diam., In.	1¾	2 5/16	2 15/16
Wt. Doz., Lbs..	½	¾	1
Per Dozen	$0.60	.70	.85
Nos.		2	3
Diam., In.		3⅝	4 5/16
Wt. Doz., Lbs..		1¼	1½
Per Dozen		$1.00	1.35

One Dozen in a Box.

BRASS STRAINER CLOTH



Width 12 in.

Nos.	40	50	60
Mesh	40x40	50x50	60x60
Wt. Roll, Lbs.	¾	¾	¾
Per Foot ...	$0.25	.28	.36
Nos.		80	100
Mesh		80x80	100x100
Wt. Roll, Lbs.		¾	¾
Per Foot ...		$0.80	1.45

5 Feet in a Roll.

KETTLE EARS

Wrought Iron, Retinned, Improved Pattern.

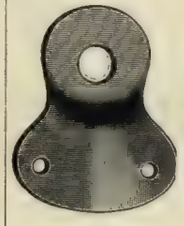
Nos.	1	2	3	4
Inches	1x1¼	1⅛x1½	1⅜x1⅞	1⅝x2
Wt. Gro., Pr., Lbs.	2¼	2¾	5	7
Gross Pairs ..	$1.90	2.00	2.25	2.70
Nos.	5	6	7	
Inches	1¾x2¼	1⅞x2⅝	2¼x2¾	
Wt. Gro. Pr., Lbs.	9½	12	14	
Gross Pairs.....	$2.90	3.25	3.90	

One-half Gross Pairs in a Box.

Malleable Iron, Tinned, Medium Pattern.

Nos.	3510B	3510C	3510D
Inches	1⅛x1¼	1¼x1⅜	1 1/16x1½
Per Pound ...	$0.38	.38	.38
Nos.		3510E	3510F
Inches		1⅝x1¾	1¾x1⅞
Per Pound ...		$0.38	.38

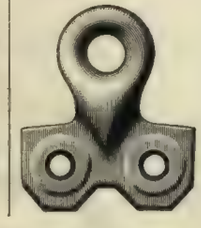
Fifty Pounds in a Box.



Extra Strong, Wrought Iron, Retinned.

Nos.	500	600	700
Inches	1¾x2¼	1⅞x2½	2¼x2¾
Wt. Gro. Pr., Lbs.	13	15	17
Per Gross Pairs..	$4.00	4.70	6.70

One-half Gross Pairs in a Box.



Malleable Iron, Tinned, Heavy Pattern.

Nos.	3515A	3515B	3515C
Inches	1 1/16x1⅝	1½x2	2x2⅝
Per Pound	$0.35	.35	.35

Fifty Pounds in a Box.

PAIL WOODS

Plain.

No.	28
Size, Inches	3½x 1 1/8
Weight Per 100, Lbs.	7
Per 100	$1.70

Open Stock.

Black Enameled.

Nos.	1½	3½	6½
Inches	3½x⅞	3x 1 1/8	4x1⅛
Weight Per 100, Lbs.	7	6	9
Per 100	$0.80	.70	.90

Open Stock.

Imperial Stove Hollow Ware.

Cast Iron, White Enameled Inside, Blue Outside.

KETTLES

Round Bottom.

Nos.	7	8	9
Inches	9¼x6½	10⅝x7⅛	11½x8
Wt. Ea., Lbs.	7	8½	10
Each	$1.28	1.32	2.35

Six in a Crate.

KETTLES

Flat Bottom.

Nos.	8	9
Inches	10⅜x7⅜	11½x8½
Wt. Each, Lbs.	8	9½
Each	$1.32	1.35

Six in a Crate.

TEA KETTLES

Pit Bottom.

Nos.	7	8	9
Cap., Qts.	5¼	6½	9
Wt. Each, Lbs.	10	12	14
Each	$1.90	2.05	2.25

Six in a Crate.

SPIDERS

Cast Iron, White Enameled Inside, Blue Outside.

Nos.	7	8	9
Weight Each, Lbs.	4	4½	5½
Each	$0.70	.80	.85

Twelve in a Crate.

LIPPED PRESERVING KETTLES

NEW IDEA

Cast Iron, White Enameled Inside, Blue Outside, Wire Bail.

Cap., Qts.	3	4
Inches	8⅛x4	9x4¼
Wt. Each, Lbs.	4	5
Each	$0.72	.81

Cap., Qts.	5	6
Inches	9½x4⅝	9⅞x5¼
Wt. Each, Lbs.	6	7
Each	$0.90	1.00

Cap., Qts.	7	8	10	12
Inches	10⅝x5⅜	11⅛x5½	12x6⅛	12⅝x6½
Weight Each, Lbs.	7½	8	10	12
Each	$1.10	1.20	1.25	1.35

3 and 4 Quart, Twelve; 5 to 12 Quart, Six in a Crate.

NESCO WROUGHT STEEL

Extra Heavy, Back Handle, Improved Cover Holder, White Enameled Inside, Black Outside, Wire Bail.

Nos.	04	06	08
T. C., Qts.	4	6	8
Inches	9⅛x4¾	10½x5½	11x6½
Wt. Dz., Lbs.	45	50	60
Per Dozen	$10.00	12.00	14.00

Nos.	09	011	012	017
Trade Cap., Qts.	9	11	12	17
Inches	11¾x6½	12½x6¾	13x7⅛	14x8¾
Wt. Per Doz., Lbs.	65	69	80	87
Per Dozen	$16.00	17.35	19.45	24.00

Open Stock.

Cast Stove Hollow Ware.

Gray Enameled Inside.

KETTLES

Round Bottom.

Nos.	7	8	9	10
Dia. Top, In.	8½	9½	10½	11¾
Wt. Each, Lbs.	7	7½	9	10
Each	$0.82	.90	1.08	1.28

Six in a Bundle.

POTS

Round Bottom.

Nos.	7	8	9	10
Dia. Top, In.	8½	9½	10½	11¾
Wt. Each, Lbs.	8	9	10	12
Each	$0.88	1.02	1.22	1.60

Three in a Bundle.

TEA KETTLES

Pit Bottom.

Nos.	8	9
Cap., Qts.	6½	9
Wt. Each, Lbs.	10	12
Each	$1.55	1.60

Three in a Bundle.

SPIDERS

Gray Enameled Inside.

Nos.	7	8	9	10
Diameter Top, Inches	9⅝	10½	11⅜	12
Weight Each, Lbs.	3	4	5	6
Each	$0.45	.52	.58	.64

Ten in a Bundle.

Cast Stove Hollow Ware.

White Enameled Inside, Black Japanned Outside.

MASLIN KETTLES

Rimmed Bottom, Side Lipped, Coppered Stop Bail.

Trade Cap., Quarts	3	4	5	6	7
Diameter Across Top, Inches	8¾	9½	10	10½	11
Weight Each, Lbs.	4½	5	6	6¾	7¼
Each	$0.48	.54	.65	.80	.86

Trade Cap., Quarts	8	10	12	14	16	18	20	22	24
Diameter Across Top, Inches	11¾	12½	13½	13½	14	14⅝	14⅞	15¼	15½
Weight Each, Lbs.	8	9½	11	12½	14½	16	18	18¼	21¾
Each	$0.92	1.00	1.08	1.25	1.44	1.65	1.80	1.95	2.15

Open Stock.

STOVE KETTLES

Round Bottom, Coppered Bail.

Nos.	7	8	9
Diam. Top, In.	9½	10½	11¾
Wt. Each, Lbs.	6¼	8	10
Each	$0.82	.90	1.08

Open Stock.

STOVE POTS

Round Bottom, Coppered Bail.

Nos.	7	8	9
Diam. Top, In.	9½	10½	11¾
Wt. Each, Lbs.	8	9½	10¾
Each	$0.96	1.08	1.28

Open Stock.

TEA KETTLES

Coppered Bail, Wood Handles, Pit Bottom.

Nos.	8	9
Dia. Across Cover, In.	6	6⅝
Weight Each, Lbs.	9	11
Each	$1.15	1.28

Open Stock.

SPIDERS

White Enameled Inside, Black Japanned Outside.

Nos.	7	8	9
Diameter Across Top, Inches	9⅝	10½	11⅜
Weight Each, Lbs.	3¼	3¾	4¾
Each	$0.38	.44	.52

Open Stock.

Extra Finished, Ground and Polished Inside.

SPIDERS

Nos.	6	7	8	9	10
Diam. Top, Inches	8⅞	9⅝	10⅜	11¼	12
Weight Each, Lbs.	3	3½	4	4½	5
Each	$0.54	.58	.62	.74	.94

Open Stock.

HANDLED GRIDDLES

Raised Bottom.

Nos	8	9
Diameter Bottom, Inches	9¾	10¾
Weight Each, Lbs.	3½	4
Each	$0.52	.62

Open Stock.

BAILED GRIDDLES

Raised Bottom, Wire Bail.

Nos.	12	14	16
Diameter Bottom, Inches	11¾	14	15⅞
Weight Each, Lbs.	5¼	6½	8¾
Each	$0.90	1.14	1.38

Open Stock.

LONG GRIDDLES

Raised Bottom.

Nos.	8	9	10	12
Inches	8⅞x19⅜	10⅛x21⅛	12⅜x24¾	13½x25
Wt. Each, Lbs.	6	11¼	13	19
Each	$0.92	1.14	1.72	3.18

Open Stock.

Cast Stove Hollow Ware.

Extra Finished, Ground and Polished Inside.

REGULAR KETTLES

Wire Bail and Ring.

Nos.	7	8	9
Cap., Qts.	6	8	10
Diam. Top, In.	9⅜	10½	11⅝
Wt. Each, Lbs.	7	8	11
Each	$1.14	1.28	1.64

Six in a Crate.

LOW KETTLES

Wire Bail and Ring.

Nos.	7	8	9
Cap., Qts.	5	6	8
Diam. Top, In.	9	9⅞	10¾
Wt. Each, Lbs.	6	7	8
Each	$1.08	1.22	1.40

Six in a Crate.

FLAT BOTTOM KETTLES

Wire Bail and Ring.

Nos.	7	8	9
Cap., Qts.	6	7	9
Diam. Top, In.	9¼	9⅞	10½
Wt. Each, Lbs.	7	8	10
Each	$1.20	1.32	1.68

Six in a Crate

REGULAR POTS

Wire Bail and Ring.

Nos.	7	8	9
Cap., Qts.	7	9	12
Diam. Top, In.	9⅜	10½	11⅝
Wt. Each, Lbs.	9	10	11
Each	$1.40	1.60	1.92

Six in a Crate.

LOW POTS

Wire Bail and Ring.

Nos.	7	8	9
Cap., Qts.	6	7	9
Diam. Top, In.	9¼	9⅞	10¾
Wt. Each, Lbs.	7	8	10
Each	$1.34	1.48	1.78

Six in a Crate.

FLAT BOTTOM POTS

Wire Bail and Ring.

Nos.	7	8	9
Cap., Qts.	6	8	11
Diam. Top, In.	9⅛	10	11¼
Wt. Each, Lbs.	8	9	10
Each	$1.46	1.64	1.92

Six in a Crate.

TEA KETTLES

Pit Bottom, Wire Bail and Handle, with Check Preventing Bail from Dropping Against Side.

Nos.	7	8	9
Cap., Qts.	5	6	8
Wt. Each, Lbs.	8	9	11
Each	$1.22	1.34	1.46

Open Stock.

DUTCH OVENS

With Cover and Wire Bail.

Nos.	8	9	10
Cap., Qts.	5	6	8
Diam. Top, In.	10¼	11¼	12¼
Wt. Each, Lbs.	9	11	13½
Each	$1.78	2.04	2.44

Open Stock.

SCOTCH BOWLS

Wire Bail and Ring.

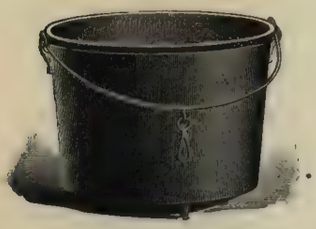
Nos.	2	3	4	5
Cap., Qts.	3	4	5	6
Diam. Top, In.	9⅛	10⅛	11½	11¾
Wt. Each, Lbs.	4	5	6¼	8
Each	$0.84	.96	1.08	1.18

Open Stock.

Cast Stove Hollow Ware.

Plain Ground Inside, Black Japanned Outside.

KETTLES

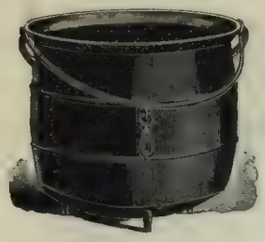


Round Bottom, Coppered Bail.

Nos.	7	8	9	10
Diam. Top, In.	9½	10½	11¾	12½
Wt. Each, Lbs.	6¼	8	10	12
Each	$0.78	.84	1.02	1.20

Open Stock.

POTS



Round Bottom, Coppered Bail.

Nos.	7	8	9	10
Diam. Top, In.	9½	10½	11¾	12½
Wt. Each, Lbs.	8	9½	10¾	14¼
Each	$0.90	1.02	1.20	1.50

Open Stock.

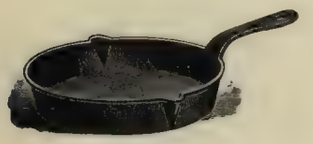
TEA KETTLES

Coppered Bail, Wood Handle. Pit Bottom.

Nos.	7	8	9	10
Wt. Each, Lbs.	8	9	11	15
Each	$0.85	.95	1.05	1.35

Open Stock.

SPIDERS



Nos.	7	8	9	10
Diam. Top, In.	9¾	10⅝	11⅜	12
Wt. Each, Lbs.	3¼	3¾	4¾	5
Each	$0.36	.42	.48	.60

Open Stock.

HANDLED GRIDDLES

Nos.	8	9
Diam. Top, Inches..	10	11
Weight Each, Lbs..	3¼	3¾
Each	$0.33	.36

Open Stock.

BAILED GRIDDLES

Coppered Bail.

Nos.	12	14	16
Diam. Top, In...	12	14	16
Wt. Each, Lbs..	5	7½	9¼
Each	$0.60	.78	.96

Open Stock.

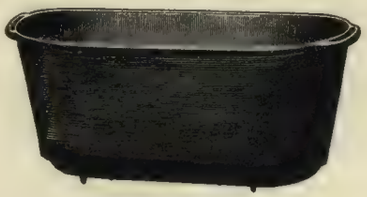
SCOTCH BOWLS

Coppered Bail.

Nos.	2	3	4	5	6
Capacity, Quarts	3	4	5	6	7
Diam. Top, Inches	9½	10¼	11	11¾	12⅝
Weight Each, Lbs.	3¾	5	6	7½	8
Each	$0.48	.54	.60	.72	.84

Open Stock.

HAM BOILERS



Plain, Side Handles.

Nos.	8	9
Top, Inches	12¾x22⅜	14x24½
Weight Each, Lbs.	23½	28
Each	$2.40	2.65

Open Stock.

LONG PANS

Shallow, Plain, Oval Ends.

Nos.	8	9
Size, Inches	10¼x20½	11⅛x21⅞
Weight Each, Lbs.	7	8¾
Each	$0.65	.80

Open Stock.

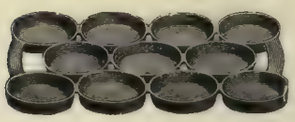
Deep, Plain, Oval Ends.

Nos.	8	9
Size, Inches	9¼x18½	10¾x21¾
Weight Each, Lbs.	7½	9½
Each	$0.65	.80

Open Stock.

Cast Stove Hollow Ware.

CAST GEM PANS



Cast Iron, Plain, Round, 11 Pans.

Nos.	1	2
Size of Pan, In.	3	3¼
Wt. Per Doz., Lbs.	42	45
Per Dozen	$5.10	5.10

Open Stock.

Cast Iron, Plain, Oblong, 12 Pans.

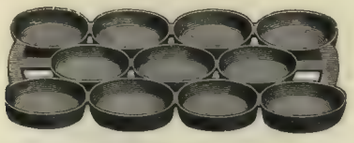
No.	6
Size of Pan, Inches	2x3
Weight Per Dozen, Lbs.	42
Per Dozen	$5.10

Open Stock.

Cast Iron, Plain, Oblong, 8 Pans.

Nos.	7
Size of Pan, Inches	2x3
Weight Per Dozen, Lbs.	45
Per Dozen	$5.10

Open Stock.



Cast Iron, Plain, Oval, 11 Pans.

No.	8
Size of Pan, Inches	2¼x3
Weight Per Dozen, Lbs.	39
Per Dozen	$5.10

Open Stock.

Cast Iron, Plain, Deep Corn Cake, 11 Pans.

No.	10
Depth of Pan, Inches	2¾
Weight Per Dozen, Lbs.	75
Per Dozen	$6.70

Open Stock.

WAFFLE IRONS

Cast Iron, Extra Finish, Ball Bearing, Wood Handle.

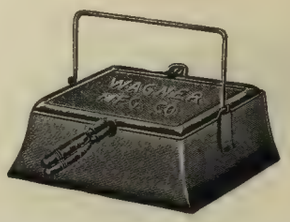
Nos.	8	9
Diam. of Pan, In.	7½	8½
Fits Stove, Nos.	8 to 9	9 to 10
Wt. Per Doz., Lbs.	102	104
Per Dozen	$15.60	17.80

Open Stock.

Cast Iron, Round, High Frame, Extra Finish, Ball Bearing, Wood Handle, Designed for Use on Gas and Gasoline Stoves.

No.	5
Diameter, Inches	10⅛
Height, Inches	4
Weight Per Dozen, Lbs.	130
Per Dozen	$18.35

Open Stock.



Cast Iron, Square, High Frame, Extra Finish, Ball Bearing, Wood Handle, Designed for Use on Gas and Gasoline Stoves.

No.	6
Inches	9x9
Depth, Inches	3½
Weight Per Dozen, Lbs.	121
Per Dozen	$18.35

Open Stock.

The Hinge on these Waffle Irons consists of 2 half balls cast solid on the pans, which when placed together in the socket of the ring forms a perfect ball bearing.

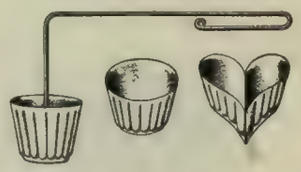
ROSETTE IRONS

Cast Iron Moulds, Bent Wire Handle.

Per Dozen Sets

No. 1—Complete Set Consists of One 9 in. Nickel Plated Handle and Two 3 in. Moulds, Weight Per Dozen Sets 13 Lbs. $7.80

TIMBALE IRONS



Cast Iron Moulds, Bent Wire Handle.

Per Dozen Sets

No. 2—Complete Set Consists of One 9 in. Nickel Plated Handle, One 3x3 in. Heart and One 2¼ in. Round Mould, Weight Per Dozen Sets 18 Lbs. $7.80

The Handle will not twist in the hands, points under bottom of moulds keeps the water from bottom of pan, when left to fry.

One-twelfth Dozen Sets in a Box.

ROSETTE DECORATING TUBES

Steel, Nickel Plated.

Per Dozen

No. 4—2 5/16 in. Long, Weight Per Dozen ½ Lb. $1.70

One Dozen in a Box.

ROSETTE PASTRY BAGS

Rubber, for Decorating, without Tube.

Per Dozen

No. 1—13½ in. Over All, Weight Per Dozen 1 Lb. $6.15

One Dozen in a Box.

Solid Steel Hollow Ware.

SPIDERS

EMPIRE, Steel, Cool Handle.

Nos.	8E	9E
Diameter Bottom, Inches	9	10
Weight Each, Lbs.	2 ½	3
Each	$0.48	.58

Open Stock.

SOLID STEEL, Solid Handle.

Nos.	7	8	9	10	12
Diam. Bottom, Inches	8	9	10	11	12
Weight Each, Lbs.	2	2 ¾	3 ½	3 ¾	4
Each	$0.44	.50	.60	.74	.88

Open Stock.

HANDLED GRIDDLES

SOLID STEEL, Solid Handle.

Nos.	9	10
Diameter, Inches	10	11
Weight Each, Lbs.	2	2 ¾
Each	$0.48	.54

Open Stock.

BAILED GRIDDLES

SOLID STEEL, Wire Bail.

Nos.	012	014	016
Diameter, Inches	12	14	16
Weight Each, Lbs.	3 ¼	3 ½	4
Each	$0.68	.78	.88

Open Stock.

FRY PANS

ACME, Polished, Cold Handle.

Nos.	00	0½	0	1	2	3	4	5	6
Diameter, Inches	6	7	8	8 ½	9 ¼	10	10 ½	11	12
Depth, Inches	1 ⅜	1 ¼	1 ¾	1 ¾	1 ⅞	1 ⅞	2	2	2 ⅛
Wt. Per Doz., Lbs.	5	8	10	12	14	15	18	20	25
Per Dozen	$0.90	1.25	1.45	1.70	1.90	2.25	2.50	3.15	3.70

Open Stock.

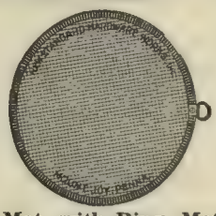
Asbestos Stove Mats.

Asbestos Mat, with Ring, Metal Bound.

Per Dozen

No. 1—8 ½ in. Diameter, ⅜ in. Thick, Weight Per Dozen 3 Lbs. $0.70

One Dozen in a Box.

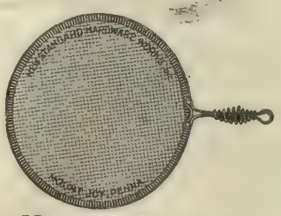


Asbestos Mat, with Ring, Metal Bound, Wire Covered.

Per Dozen

No. 2—8 ½ in. Diameter, ⅜ in. Thick, Weight Per Dozen 3 ¼ Lbs. $1.15

One Dozen in a Box.



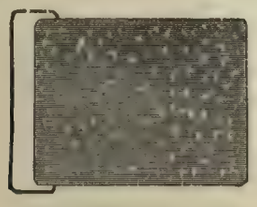
Asbestos Mat, with Cold Handle, Metal Bound, Wire Covered.

Per Dozen

No. 5—8 ½ in. Diameter, ⅜ in. Thick, Weight Per Dozen 4 Lbs. $1.70

One Dozen in a Box.

Soapstone Foot Warmers.



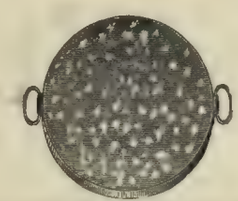
With Steel Wire Bail.

Inches	6x8	7x9	8x10
Wt. Doz., Lbs.	85	120	150
Per Dozen	$4.25	5.25	6.00

Inches	8x12	10x12
Wt. Doz., Lbs.	165	200
Per Dozen	$6.75	7.50

Open Stock.

Soapstone Griddles.



Round, Galvanized Iron Banded, Wire Handles.

Inches	12	14	16
Wt. Doz., Lbs.	92	138	216
Per Dozen	$16.75	21.75	25.00

Open Stock.

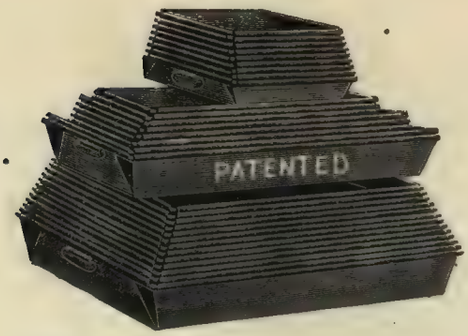
Oval, Galvanized Iron Banded, Wire Handle.

Inches	8x16	9x18	10x20	11x22
Wt. Dz., Lbs.	65	75	112	148
Per Dozen	$17.35	20.00	25.00	30.00

Open Stock.

All Weights on This Page are Approximate.

Dripping Pans.



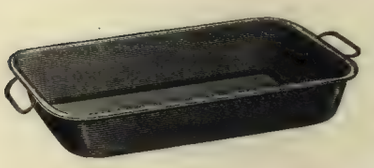
Smooth Steel, Wired Top, Wire Handles.

Inches	7½x9	8x10	8x12	8x15	8x17	9x12
Wt. Per Doz., Lbs.	8½	10	11	14	15	12
Per Dozen	$0.90	1.00	1.15	1.35	1.60	1.25

Inches	9x14	9x15	9x17	10x12	10x14	10x15
Wt. Per Doz., Lbs.	13	14	15	11	12	16
Per Dozen	$1.35	1.60	1.70	1.35	1.60	1.65

Inches	10x16	10x17	10x19	11x16	12x14	12x17	12x19	16x17
Weight Per Dozen, Lbs	17	20	22	22	21	25	27	30
Per Dozen	$1.70	1.80	1.90	1.90	1.80	2.00	2.25	2.50

Open Stock.



NESCO SANITARY, Seamless, One Piece, Round Corners, Electrically Welded Clips.

Nos.	1	2	3	4	5	6	6½	7
Inches	6x9	6½x13	7x10	7x14	8x10	8x12	8x17	8½x15
Wt. Per Dozen, Lbs.	5	7	6	8	6¼	8	11	9
Per Dozen	$1.00	1.35	1.15	1.45	1.25	1.35	1.80	1.70

Nos.	8	9	10	10½	11	12	13	14
Inches	9x12	9x14	9x15	9x17	10x12	10x14	10x15	10x16
Wt. Per Dozen, Lbs.	8½	10¼	11	12	9¾	11	13	13
Per Dozen	$1.35	1.60	1.90	2.50	1.70	1.80	1.90	2.00

Nos.	14½	15	16	17	18	19	20	21	22	23	24	25
Inches	10x17	11x11	11x15	11x16	12x12	12x15	12x17	13x13	14x14	14x15	16x17	18x19
Wt. Per Dozen, Lbs.	14	9¼	14	15	12	15	16	14	15	16½	20	25
Per Dozen	$2.70	1.60	2.15	2.25	1.90	2.25	2.35	2.15	2.50	2.60	2.90	3.50

Three Dozen in a Crate.

Drip Pan Assortment.

NESCO SANITARY

Per Assortment

No. 14 Assortment—Consists of Steel Rack with **One-half Dozen Each Size Nesco** Sanitary Drip Pans, 28 Sizes as Listed Above $44.50

Weight Per Assortment 320 Pounds.

Per Assortment

No. 28 Assortment—Consists of Steel Rack with **One Dozen of Each Size Nesco** Sanitary Drip Pans, 28 Sizes as Listed Above $67.00

Weight Per Assortment 510 Pounds.

Deep Roast Pans.

Refined Smooth Steel, Wired, without Cover.

Nos.	64	65	67
Inches	9x14x3½	10x15x3¾	13x18x4
Weight Per Dozen, Lbs.	15	20	26
Per Dozen	$2.90	3.35	4.70

Open Stock.

Roasters.

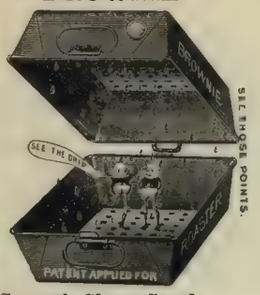
PERFECTION

Oval, Self-Basting, Seamless Smooth Steel.

Nos.	131	151
Inches	9x6x4½	15x10x7
Wt. Dz., Lbs.	50	58
Per Dozen	$3.35	12.00
Nos.	181	201
Inches	18x12x8	19½x12½x8½
Wt. Dz., Lbs.	76	90
Per Dozen	$14.00	20.00

Open Stock.

BROWNIE

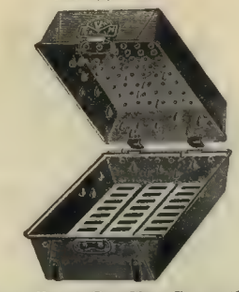


Smooth Sheet Steel.

Nos.	9	10
Inches	14x9x6½	15x10x6½
W. Dz., Lbs.	33	37
Per Doz.	$4.50	5.00
Nos.	11	12
Inches	16½x11½x7	17½x12½x7½
W. Dz., Lbs.	43	50
Per Doz.	$5.80	7.15

Three Dozen in a Crate.

L. & H.



Self-Basting, Best Quality Smooth Blued Steel.

Nos.	1	2
Inches	12¾x8¾x7	15x9¾x7
Wt. Dz., Lbs.	46	53
Per Dozen	$10.00	12.00
Nos.	3	4
Inches	16x10¾x8½	18¼x13½x9
Wt. Dz., Lbs.	66	80
Per Dozen	$14.00	16.50

One Dozen in a Crate.

CORONA

Oval, Black Steel, Blue Glazed.

	Baby Corona	Corona
Nos.	30	300
Inches	13½x8¼x6¼	18x11x7½
Wt. Dz., Lbs.	92	124
Per Dozen	$23.50	26.75

One-quarter Dozen in a Carton.

CORONA

Oval, Steel, Two Coat Brown Enamel.

	Baby Corona	Corona
Nos.	70	700
Inches	13½x8¼x6¼	18x11x7½
Wt. Dz., Lbs.	92	124
Per Dozen	$30.00	34.75

One-quarter Dozen in a Carton.

VOLLRATH

Steel, Blue and White Enameled, with Tray.

No.	20V
Inches Over All	19¼x12¼x7½
Wt. Per Dozen, Lbs.	120
Per Dozen	$44.50

One-quarter Dozen in a Case.

SAVORY

Self-Basting, Sanitary, Seamless.

Oval Shape, Smooth Blued Steel, Locking Wire Handles.

Per Dozen

No. 75 — 14¾ x 9½ x 6¼ in., Weight Per Dozen 75 Lbs. **$13.00**

No. 200 — 17½x11¾x7¾ in., Weight Per Dozen 100 Lbs. **18.50**

One-quarter Dozen in a Carton.

Oblong Shape, Round Corners, Smooth Blued Steel, Locking Wire Handles.

Per Dozen

No. 400 — 19¼ x 14 x 10 in., Weight Per Dozen 120 Lbs. **$40.60**

One-sixth Dozen in a Carton.

Blued Steel Jacket and Cover, White Lightly Peppered with Dark Blue Enameled Food Pan, Locking Wire Handles.

Per Dozen

No. 4000 — 19¼ x 14 x 10 in., Weight Per Dozen 120 Lbs. **$58.65**

One-sixth Dozen in a Carton.

Oval Shape Food Pan Cover and Jacket, All Enameled White Lightly Peppered with Dark Blue, In and Out. Dark Blue Lines, Hollow Steel Handles on Cover and Body.

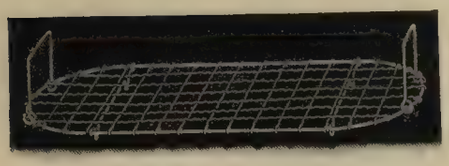
Per Dozen

No. 13 — 14¾ x 9¾ x 6x in., Weight Per Dozen 70 Lbs. **$33.50**

No. 43 — 17½ x 11¾ x 7¾ in., Weight Per Dozen 100 Lbs. **39.00**

One-quarter Dozen in a Carton.

Savory Roaster Fish Racks.



Oblong Shape, with Round Corners, Made of Heavy Waved Wire, Thoroughly Retinned, Folding Handles at Ends. Per Dozen

No. 20—12½x4¾ in., for Small Family Roasters **$3.35**

No. 25—16x7 in., for Large Family Roasters **4.50**

Weight Per Dozen About 6 Pounds.

An Auxiliary to the Savory Roaster. Allows air to circulate below as well as above the fish cooking it most deliciously in the Air Tight Roaster.

One Dozen in a Package.

DEPARTMENT No. 7

BLANK BOOKS AND OFFICE SUPPLIES

7

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 7

BLANK BOOKS AND OFFICE SUPPLIES

LEAD PENCILS
PENS, SAFES

JOHN PRITZLAFF HARDWARE CO.
MILWAUKEE, WIS.

INDEX.

A

Page

Accordion Files 1557
Arch Files 1557
Assortments—
Carpenter Pencils 1566
Lead Pencils 1564
Penholder 1567

B

Bands—Rubber 1568
Baskets—
Desk 1558
Waste 1558
Blank Drafts 1555
Blank Notes 1555
Blank Receipts 1555
Binders—Transfer (Ledger) 1552
Black Board Erasers 1567
Blank Books 1553
Board Clips 1557
Books—
Blank 1553
Carbon 1556
Copying 1554
Day 1554
Imitation Sheep 1555
Invoice 1554
Letter, Carbon 1556
Letter Copying 1554
Memorandum 1555
Note, Carbon 1556
Order 1554, 1556
Pressboard Memo 1555
Scale Weigh 1556
Time 1554

C

Carbon Book 1556
Carbon Book Fillers 1556
Corpenter Pencils 1566
China Marking Pencils..... 1565
Clips—
Board 1557
Paper 1560
Colored Pencils 1565
Combined Writing and Copying Ink 1561
Copying Ink 1561
Copying Pencils 1565
Crayons—
Metal Workers 1565
Oil 1565

D

Day Books 1554
Desk Basket—Wire 1558
Doors—Vestibule Vault 1572
Drafts—Blank 1555

E

Erasers—
Black Board 1567
Rubber 1568

F

Page

Fasteners—Paper 1560
Figuring Tablets 1555
Files—
Accordion 1557
Arch 1557
Letter 1557
Paper 1558
Shannon 1557
Fillers—Carbon Book 1556
Fountain Pen Ink..... 1561

G

Gummed Labels 1559

H

Heavy Wall Safes..... 1571
Holders—Pencil 1566

I

Illustrations—Blank Book Ruling 1551
Imitation Sheepskin Memorandum 1555
Indexes—Loose Leaf Ledger.... 1552
Ink Stands 1557
Ink—
Combined Writing and Copying 1561
Copying 1561
Fountain Pen 1561
Red 1562
Rubber Stamp 1562
Writing 1561, 1562
Invoice Books 1554

L

Labels—Gummed 1559
Lead Pencils 1563, 1564
Ledgers—Loose Leaf 1552
Letter Copying Books 1554
Letter Files 1557
Letter Press 1558
Lumber Pencils 1566

M

Marking Pencils—
China 1565
Oil 1565
Medium Wall Safes.....1569, 1570
Metal Workers' Crayons..... 1565

N

Notes—Blank 1555

O

Oil Crayons 1565
Oil Marking Pencils 1565
Order Books 1554
Outfits—Loose Leaf Ledger..... 1552

P

Page

Paper Clips 1560
Paper Fasteners 1560
Paper Files 1558
Parts—Shannon File 1557
Paste 1562
Pencils—
Carpenter 1566
China Marking 1565
Colored 1565
Copying 1565
Lead 1563, 1564
Lumber 1566
Oil Marking 1565
Slate 1567
Pencil Holders 1566
Pencil Point Protectors 1565
Pencil Sharpeners 1565
Penholder Assortments 1567
Pens—Steel 1568
Polish—Steel 1568
Pressboard Memo Books..... 1555
Press—Letter 1558
Protectors—Pencil Point 1565

R

Receipts—Blank 1555
Red Ink 1562
Rubber Bands 1568
Rubber Erasers 1568
Rubber Stamp Ink 1562

S

Safes—Wall 1569, 1570, 1571
School Slates 1567
Shannon Files 1557
Shannon File Parts 1557
Shipping Tags 1558
Slate Pencils 1567
Slates—School 1567
Stands—Ink 1557
Steel Pens 1568
Steel Polish 1568

T

Tablets—Figuring 1555
Tacks—Thumb 1560
Tags—
Shipping 1558
String 1559
Thumb Tacks 1560
Time Books 1554
Transfer Binders—Ledger 1552
Transfer Cases—Shannon File... 1557

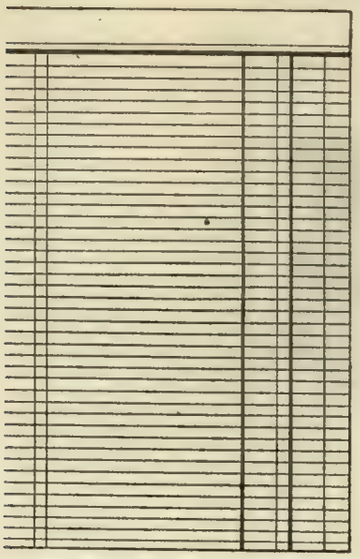
V

Vault Doors—Vestibule 1572
Vestibule Vault Doors..... 1572

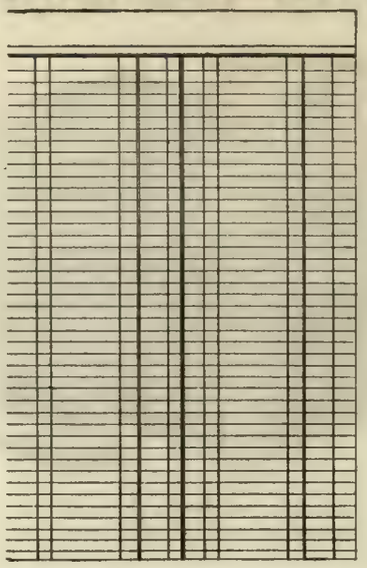
W

Wall Safes—
Heavy 1571
Medium 1569, 1570
Waste Baskets—
Willow 1558
Wire 1558
Willow Waste Basket..... 1558
Wire Desk Basket 1558
Wire Waste Basket 1558
Writing Ink 1561, 1562

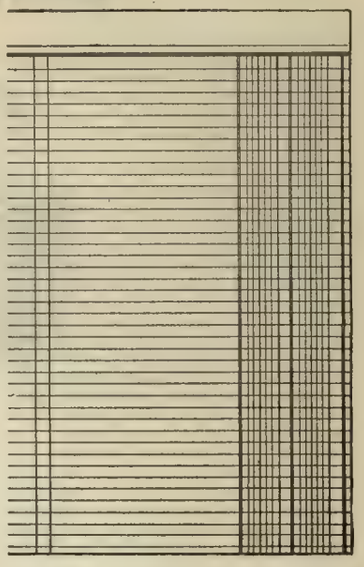
Illustrations of Blank Book Rulings.



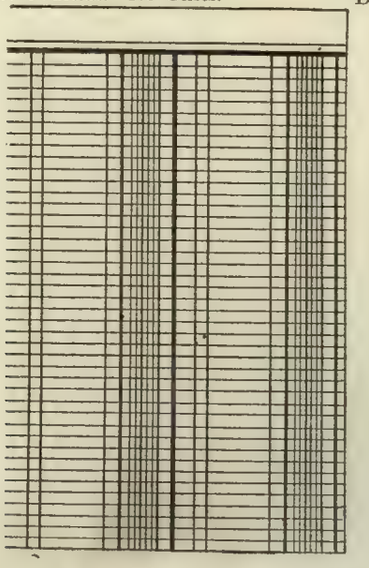
Day Book or Journal. No Units.



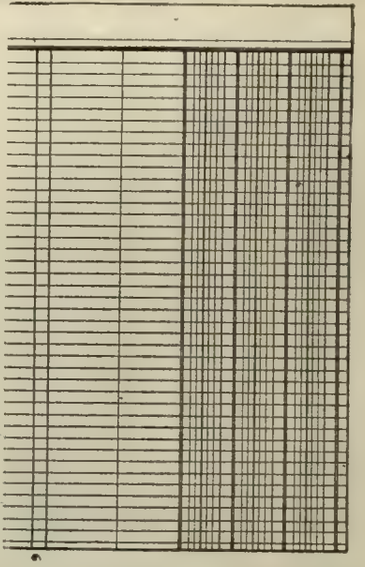
Double Entry Ledger. No Units.



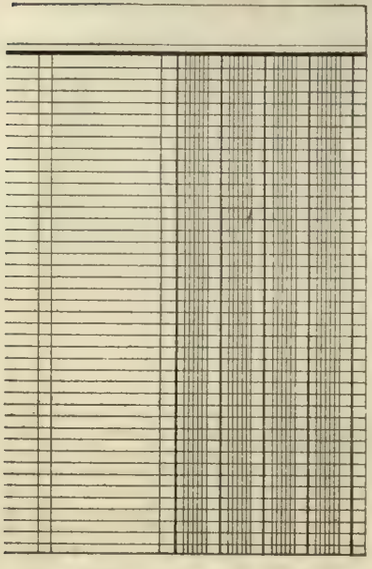
Day Book or Journal. Unit Ruled.



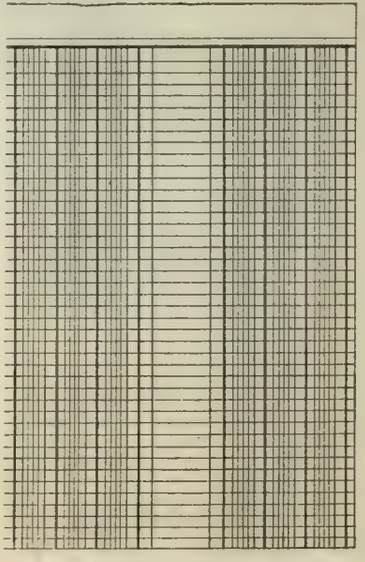
Double Entry Ledger. Unit Ruled.



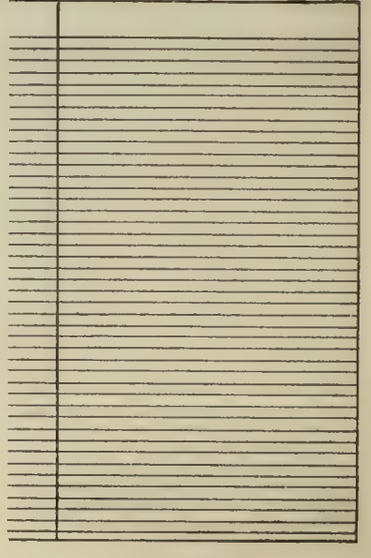
Three Column Journal. Unit Ruled.



Four Column Journal. Unit Ruled.



Six Column Journal. Unit Ruled.



Record.

Esaube Loose Leaf Ledger Outfits.

Round Steel Back, Metal Hinges.

The Esaube Ledger is designed to meet the demand for a durable Low Priced Loose Leaf Ledger, in sizes suitable to the requirements of various lines of business.

Construction. The mechanism is made entirely of steel. The frame consists of three pieces of pressed steel. The back is formed round with peculiar ends which form housings for the sliding side members, thus making a frame of great rigidity with minimum weight.

The Mechanism is simple, a center screw shaft securely anchored to the back and operated from the end by a detachable key, controls the expansion thereby tightening or loosening the sheets.

Capacity. 1½ in. back, will hold from 250 to 400 sheets, with Index.

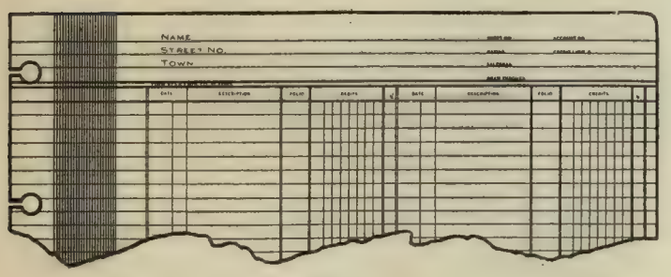
Posts. 4 Alternating Telescope Posts $\frac{5}{16}$ in. Diameter, Standard Centers.

Binding. The Covers are made of double boards, round corners with metal hinges and bound in **Corduroy** with red cowhide back and corners gold tooled.

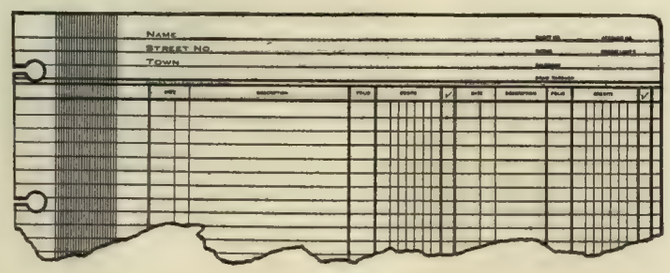
Indexes. The Indexes are of a good grade of Buff Linen Ledger Paper with Leathered Tabs.

Sheets. The Sheets are made of a good grade of Linen Ledger Paper, Two Styles of Ruling, Form A and Form B. (Order by Form Number.)

STYLES OF RULING



Style A.



Style B.

Outfit No. 395.

Size of Sheet 7½x10⅜ inches.

Book Complete with Binder, 250 Sheets and Index.

	Each
No. 395A—Double Entry Ruling	**$15.15**
No. 395B—Extra Debit Ruling	**15.15**

Weight Each About 7 Lbs.

Outfit No. 396.

Size of Sheet 9¼x11⅞ inches.

Book Complete with Binder, 250 Sheets and Index.

	Each
No. 396A—Double Entry Ruling	**$17.25**
No. 396B—Extra Debit Ruling	**17.25**

Weight Each About 9 Pounds.

Price List of Individual Parts, Priced Separately.

Sheets Only.

	Per 1000
No. 1395A—7½x10⅜ in., Weight Per 1000 12 Lbs.	**$16.15**
No. 1395B—7½x10⅜ in., Weight Per 1000 12 Lbs.	**16.15**
No. 1396A—9¼x11⅞ in., Weight Per 1000 18 Lbs.	**17.25**
No. 1396B—9¼x11⅞ in., Weight Per 1000 18 Lbs.	**17.25**

Indexes Only.

	Each
No. 2395—7½x10⅜ in.	**$1.60**
No. 2396—9¼x11⅞ in.	**2.00**

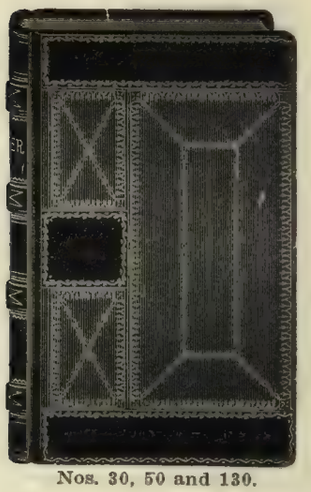
Transfer Binders.

Full Canvas, Leather Corners, with End Locking Device.

	Each
No. 3395—Holds 7½x10⅜ in. Sheets, Weight Each 3 Lbs.	**$3.60**
No. 3396—Holds 9¼x11⅞ in. Sheets, Weight Each 3 Lbs.	**4.00**

Open Stock.

Blank Books.



Nos. 30, 50 and 130.

FULL BOUND.

Patent Hinge Joint, Flat Opening Backs.

No. 30—Demy Folio, Outside Dimensions 12x16½ in., Size of Leaves 10¼x15½ in., Linen Ledger Paper, Bound in Full Sheep with Russia Ends and Bands.

Rulings.

Journals, Two Columns, Units, Center Line and Footing Lines.

Journals, Three Columns, Units, Box Head and Footing Lines.

Double Entry Ledgers, One Account, without Indexes.

Double Entry Ledgers, Assorted Accounts, without Indexes.

Pages	400	600	800
Weight Each, Lbs.	11	13	18
Each	$16.70	21.10	25.25

Patent Hinge Joint, Flat Opening Backs.

No. 50—Demy Folio, Outside Dimensions 11x16 in., Size of Leaves 9½x15½ in., Heavy Weight Extra Superfine Paper, Bound in Full Sheep with Russia Ends and Bands.

Rulings.

Journals, Two Columns, Units, Center Line and Footing Lines.
Journals, Three Columns, Units and Footing Lines.
Double Entry Ledgers, One Account, with Indexes.
Double Entry Ledgers, Assorted Accounts, with Indexes.

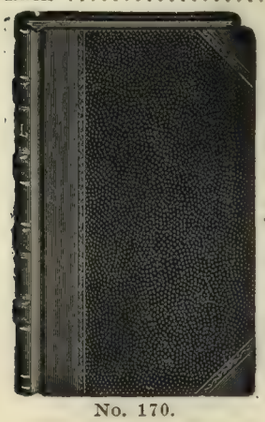
Pages	300	400	500	600	800
Weight Each, Lbs.	8	9	11	12	15
Each	$10.00	11.45	12.90	14.35	15.80

No. 130—Crown Folio, Outside Dimensions 10x14½ in., Size of Leaves 8¼x13½ in., Linen Ledger Paper, Bound in Full Sheep with Russia Ends and Bands.

Rulings.

Journals, Two Columns, with Units.
Journals, Three Columns, with Units.
Double Entry Ledgers, One Account, with Indexes.
Double Entry Ledgers, Assorted Accounts, with Indexes.
Records, Ruled with Marginal Line and without Indexes.

Pages	300	400	500	600
Weight Each, Lbs.	5	6	7	8
Each	$7.80	8.90	10.00	10.90



No. 170.

THREE-QUARTER RUSSIA.

Patent Sewed, Flat Opening Back.

No. 170—Crown Folio, Outside Dimensions 9x14 in.; Size of Leaves 8¼x13½ in., Extra Super Paper, Bound with Leather Backs and Corners, Black Cloth Sides, Raised Hubs on Back.

Rulings.

Journals, Two Columns, with Units.
Journals, Three Columns, with Units.
Double Entry Ledgers, Assorted Accounts, with Indexes.
Single Entry Ledgers.
Records, Ruled with Marginal Line and without Indexes.

Pages	150	200	300	400	500	600
Weight Each, Lbs.	4	5	8	9	11	13
Each	$1.70	2.25	2.55	2.90	3.35	3.80

No. 1700—Cash Book, Two and Three Columns, Units, Printed Head and Folio Column.

Pages	150	200	300	500
Weight Each, Lbs.	2	3	4	6
Each	$2.00	2.25	3.00	4.15

Open Stock.

Nos. 165 and 150.

THREE-QUARTER RUSSIA.

Patent Hinge Joint, Flat Opening Backs.

No. 165—Crown Folio, Outside Dimensions 9½x14¼ in., Size of Leaves 8¼x13½ in., Medium Weight Extra Super Paper, Three-quarter Russia, Black Cloth, with Russia Ends and Bands, Flat Opening Backs.

Rulings.

Journals, Two Columns, with Units.
Journals, Three Columns, with Units.
Double Entry Ledgers, One Account, with Indexes.
Double Entry Ledgers, Assorted Accounts, with Indexes.

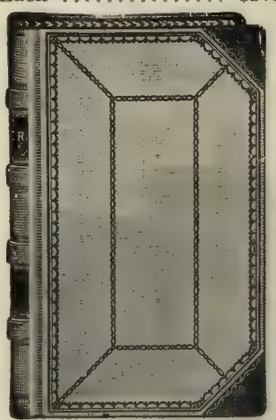
Pages	200	300	400	500	600
Weight Each, Lbs.	4	5	6	6½	7
Each	$4.25	4.70	5.60	6.15	6.90

Patent Sewed, Flat Opening Backs.

No. 150—Demy, 150 and 200 Page Books, Outside Dimensions 10¾x16 in., Bound Russia Back and Corners, Black Cloth Sides, Tight Back, High Grade Linen Ledger Paper; 300 Page Books and Up, Outside Dimensions 11¾x16¼ in., Bound in Russia Back and Corners, Spring Back and Hubs, High Grade Linen Ledger Paper, Unit Ruling.

Journals, 2 columns.
Journals, 3 columns.
Journals, 4 columns to right.
Journals, 4 columns, divided, space in center.
Journals, 5 columns to right.
Journals, 6 columns to right.
Journals, 6 columns, divided, space in center.
D. E. Ledger, all full accts. and cloth tab index.
Records, with marginal line.

Pages	150	200	300	400	500	600
Weight Each, Lbs.	4	5	8	9	11	13
Each	$3.35	3.90	7.80	9.50	10.60	12.25



No. 145.

FULL DUCK.

No. 145—Crown Folio, Outside Dimensions 9½x14½ in., Size of Leaves 8¼x13½ in., Heavy Weight Extra Super Paper, Bound in Full Duck with Russia Corners, Spring Back, Raised Hubs, Leather Titles.

Rulings.

Journals, Two Columns, with Units.
Double Entry Ledgers, Assorted Accounts, with Indexes.
Long Days, Size 7½x17¼ in.

Pages	300	400	500	600	800
Wt. Lbs.	5	6	7	8	10
Each	$3.15	3.60	4.00	4.50	5.25

No. 180.

GRAY CANVAS, RUSSIA BACK AND CORNERS.

No. 180—Cap Folio, Outside Dimensions 8¼x12⅞ in., Size of Leaves 7¾x12¼ in., Superfine Paper, Bound in Gray Canvas, Russia Back and Corners.

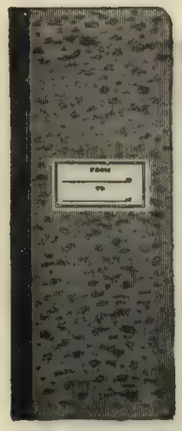
Rulings.

Journals or Day Books, Two Columns.
Double Entry Ledgers, Assorted Accounts, with Indexes.
Single Entry Ledgers, with Indexes.
Records, Marginal Lines, without Indexes.
Long Days, Size 6½x15½ in.

Pages	150	200	300
Weight Each, Lbs.	2	2½	3
Each	$1.45	1.56	1.90
Pages	400	500	600
Weight Each, Lbs.	4	5	6
Each	$2.25	2.60	3.00

Open Stock.

Order and Day Books.



$ and Cts. Rulings.

		Per Dozen
No. 14½	—5¼x11½ in., 144 Pages, Press Board Covers, Manila Paper, Weight Per Dozen 6 Lbs.	$1.45
No. 13½	—5¼x11½ in., 180 Pages, Press Board Covers, Manila Paper, Weight Per Dozen 6 Lbs.	1.15
No. 17½	—5¾x14½ in., 180 Pages, Press Board Covers, Manila Paper, Weight Per Dozen 8 Lbs.	1.70
No. 16½	—7¼x11½ in., 180 Pages, Press Board Covers, Manila Paper, Weight Per Dozen 8 Lbs.	1.70
No. 1058	—5¼x11½ in., 144 Pages, Duck Flexible Covers, White Paper, Weight Per Dozen 7 Lbs.	2.15
No. 240	—5¾x14½ in., 144 Pages, Duckaline Flexible Covers, White Paper, Weight Per Dozen 8 Lbs.	2.15
No. 248	—7¼x11½ in., 144 Pages, Duckaline Flexible Covers, White Paper, Weight Per Dozen 8 Lbs.	2.15
No. 214	—6 x15 in., 500 Pages, Full Canvas, Heavy Covers, Manila Paper, Weight Per Dozen 26 Lbs.	6.15
No. 215	—7½x12 in., 500 Pages, Full Canvas, Heavy Covers, Manila Paper, Weight Per Dozen 24 Lbs.	6.15
No. 217	—6 x15 in., 500 Pages, Full Canvas, Heavy Covers, White Paper, Weight Per Dozen 32 Lbs.	10.60
No. 219	—7½x12 in., 500 Pages, Full Canvas, Heavy Covers, White Paper, Weight Per Dozen 32 Lbs.	10.60

Time Books.

		Per Dozen
No. 589	—Weekly, 4¼x6¾ in., 24 Leaves, Press Board Covers, Weight Per Dozen 1½ Lbs.	$1.15
No. 587	—Monthly, 4¼x6¾ in., 24 Leaves, Press Board Covers, Weight Per Dozen 1½ Lbs.	1.15
No. 596	—Weekly, 4¼x6¾ in., 24 Leaves, Stiff Canvas Covers, Weight Per Dozen 6 Lbs.	2.25
No. 596¾	—Monthly, 4¼x6¾ in., 24 Leaves, Stiff Canvas Covers, Weight Per Dozen 6 Lbs.	2.25
No. 602	—Weekly, 4¼x6¾ in., 56 Leaves, Leather Covers, Weight Per Dozen 4 Lbs.	5.25
No. 610	—Monthly, 4¼x6¾ in., 56 Leaves, Leather Covers, Weight Per Dozen 4 Lbs.	5.25
No. 616	—Weekly, 4¾x7⅜ in., 56 Leaves, Leather Covers, Weight Per Dozen 6 Lbs.	7.25
No. 618	—Monthly, 4¾x7⅜ in., 56 Leaves, Leather Covers, Weight Per Dozen 6 Lbs.	7.25

Letter Copying Books.

Strong Manila Paper, Heavy Canvas Covers, Extension Index.

	Each
No. 5X—10x12 in., 500 Pages, Weight Each 3 Lbs.	$1.90
No. 9X—10x12 in., 1000 Pages, Weight Each 5 Lbs.	3.35

Silk Finish White Paper, Sheep Back and Corners, Black Cloth Sides, Extension Index.

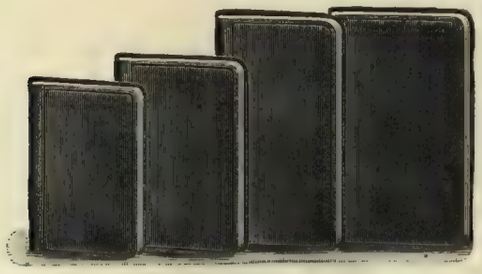
	Each
No. 350—10x12 in., 500 Pages, Weight Each 3 Lbs.	$2.80
No. 390—10x12 in., 1000 Pages, Weight Each 5 Lbs.	4.25

Invoice Books.

Full Canvas Binding, Leather Corners, Heavy Manila Paper, Paged and Indexed.

	Each
No. 201—11½x16½ in., 240 Pages, Weight Each 5 Lbs.	$2.65
No. 501—12¾x18½ in., 240 Pages, Weight Each 8 Lbs.	3.70
No. 502—12¾x18½ in., 350 Pages, Weight Each 10 Lbs.	4.50
No. 503—12¾x18½ in., 480 Pages, Weight Each 12 Lbs.	5.80

Imitation Sheep Memorandums.



White Covers, Heavy Boards, Cut Flush, Green Edges, with Good Grade of Paper.

$ and Cts. Ruling.

Not Indexed.

		Per Dozen
No. 6316	4¼x6¾ in., 50 Leaves, Wt. Doz. 4 Lbs.	$3.70
No. 6318	4¼x6¾ in., 96 Leaves, Wt. Doz. 6 Lbs.	4.50
No. 6322	4¾x7⅜ in., 50 Leaves, Wt. Doz. 5 Lbs.	4.50
No. 6324	4¾x7⅜ in., 96 Leaves, Wt. Doz. 8 Lbs.	5.60
No. 6326	4¾x7⅜ in., 144 Leaves, Wt. Doz. 11 Lbs.	6.90
No. 6328	5⅝x8⅝ in., 50 Leaves, Wt. Doz. 8 Lbs.	6.15
No. 6330	5⅝x8⅝ in., 96 Leaves, Wt. Doz. 12 Lbs.	7.50
No. 6332	5⅝x8⅝ in., 144 Leaves, Wt. Doz. 16 Lbs.	9.70

Open Stock.

Indexed Through.

		Per Dozen
No. 6316½	4¼x6¾ in., 50 Leaves, Wt. Doz. 4 Lbs.	$ 4.00
No. 6318½	4¼x6¾ in., 96 Leaves, Wt. Doz. 6 Lbs.	5.25
No. 6322½	4¾x7⅜ in., 50 Leaves, Wt. Doz. 5 Lbs.	4.80
No. 6324½	4¾x7⅜ in., 96 Leaves, Wt. Doz. 8 Lbs.	6.15
No. 6326½	4¾x7⅜ in., 144 Leaves, Wt. Doz. 11 Lbs.	7.60
No. 6328½	5⅝x8⅝ in., 50 Leaves, Wt. Doz. 8 Lbs.	6.70
No. 6330½	5⅝x8⅝ in., 96 Leaves, Wt. Doz. 12 Lbs.	8.15
No. 6332½	5⅝x8⅝ in., 144 Leaves, Wt. Doz. 16 Lbs.	11.15

Open Stock.

Pressboard Memorandums.

Side Opening, Good Grade Paper.

		Per Gross	Per Dozen
No. 6084	—3⅝x5⅞ in., 48 Leaves, $ and Cts. Ruling, Weight Per Doz. 1½ Lbs.	$ 8.15	$0.80
No. 6186	—3⅝x5⅞ in., 72 Leaves, $ and Cts. Ruling, Weight Per Doz. 2 Lbs.	10.60	1.15
No. 6094	—4 x6¾ in., 48 Leaves, $ and Cts. Ruling, Weight Per Doz. 2 Lbs.	9.70	1.00
No. 6098	—4 x6¾ in., 72 Leaves, $ and Cts. Ruling, Weight Per Doz. 3 Lbs.	12.80	1.25
No. 170	—3 x4⅞ in., 20 Leaves, $ and Cts. Ruling, Weight Per Doz. ½ Lb.	4.50	.45
No. 172 P	—3⅝x6 in., 20 Leaves, $ and Cts. Ruling, Weight Per Doz. 1 Lb.	5.80	.60
No. 174 P	—4¼x6¾ in., 20 Leaves, $ and Cts. Ruling, Weight Per Doz. 1½ Lbs.	7.80	.80
No. 175	—4¾x7⅜ in., 40 Leaves, $ and Cts. Ruling, Weight Per Doz. 1½ Lbs.	7.80	.80

End Opening, Good Grade Paper.

		Per Gross	Per Dozen
No. 1132½	—5⅞x3⅝ in., 48 Leaves, $ and Cts. Ruling, Weight Per Doz. 2 Lbs.	$ 9.70	$1.00
No. 6195	—5⅞x3⅝ in., 96 Leaves, $ and Cts. Ruling, Weight Per Doz. 3 Lbs.	12.80	1.30

Figuring Tablets.

Made from Hard White Calendered Engine Sized Paper, Bound at Top and Side with Elastic Composition, Suitable for Pencil Use.

		Wt. Doz.	Per 100.	Per Doz.
No. 101	—2¼x4 in.	1 Lb.	$1.90	$0.25
No. 102	—3 x4¾ in.	1½ Lbs.	2.60	.35
No. 103	—3½x6 in.	2 Lbs.	4.00	.50
No. 104	—4 x6⅝ in.	2¼ Lbs.	4.70	.58
No. 105	—4½x7 in.	3 Lbs.	5.80	.72
No. 106	—5 x8 in.	4 Lbs.	6.90	.90
No. 107	—5½x9 in.	5 Lbs.	9.25	1.35
No. 108	—8 x10 in.	7½ Lbs.	11.90	1.90
No. 109	—8 x12 in.	9 Lbs.	15.32	2.25

Blank Receipts, Notes and Drafts.

RECEIPTS

		Per Dozen
No. 771	—2½x 6¾ in., 50 Leaves	$1.15
No. 794½	—2¾x 7⅝ in., 50 Leaves	1.50
No. 794	—2¾x 7⅝ in., 100 Leaves	3.10
No. 725	—3¼x11 in., 100 Leaves	4.25
No. 736	—3¼x11 in., 100 Leaves	5.25

Average Weight Per Dozen 5 Lbs.

NOTES

		Per Dozen
No. 536	—3¼x11 in., 100 Leaves (with Value Received)	$5.25
No. 536 E	—3¼x11 in., 100 Leaves (with Interest Clause)	5.25

Average Weight Per Dozen 5 Lbs.

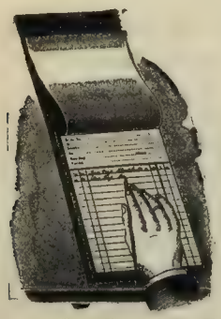
DRAFTS

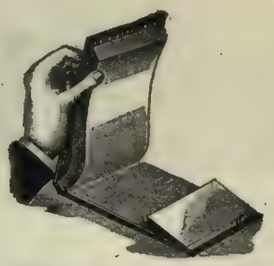
		Per Dozen
No. 636	—3¼x11 in., 100 Leaves	$5.25

Average Weight Per Dozen 5 Lbs.

Carbon Books.

ORDER BOOKS, DUPLICATING





The Following Prices are for Complete Books, that is, Both Covers and Fillers Combined, Including the Necessary Carbon Paper.

	Per Dozen
No. 5000— 6⅞x3⅞ in., 66 Leaves, Cowhide Seal Cover, Flexible, Weight Per Dozen 3 Lbs.	**$11.75**
No. 5004— 7¼x4⅝ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 7 Lbs.	**5.30**
No. 5020— 8½x5⅝ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 11 Lbs.	**8.00**
No. 5032—11 x5¾ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 13 Lbs.	**11.15**
No. 5036—10¾x8½ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 19 Lbs.	**13.35**

Extra Fillers, Duplicating, for Above Books.

Each Filler Complete with Carbon Paper.

Nos.	5000½	5004½	5020½	5032½	5036½
For Books, Nos.	5000	5004	5020	5032	5036
Weight Per Dozen, Lbs.	2¼	6	7	10	14
Per Dozen	**$1.60**	**2.80**	**3.90**	**5.00**	**6.90**

ORDER BOOKS, TRIPLICATING

The Following Prices are for Complete Books, that is, Both Covers and Fillers Combined, Including the Necessary Carbon Paper.

	Per Dozen
No. 5001— 6⅞x3⅞ in., 72 Leaves, Cowhide Seal Cover, Flexible, Weight Per Dozen 3 Lbs.	**$11.75**
No. 5005— 7¼x4⅝ in., 150 Leaves Cloth Sides, Stiff Leather Back, Weight Per Dozen 7 Lbs.	**5.30**
No. 5021— 8½x5⅝ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 11 Lbs.	**8.00**
No. 5033—11 x5¾ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 13 Lbs.	**11.15**
No. 5037—10¾x8½ in., 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 19 Lbs.	**13.35**

Extra Fillers, Triplicating, for Above Books.

Each Filler Complete with Carbon Paper.

Nos.	5001½	5005½	5021½	5033½	5037½
For Books, Nos.	5001	5005	5021	5033	5037
Weight Per Dozen, Lbs.	2¼	6	7	10	14
Per Dozen	**$1.60**	**2.80**	**3.90**	**5.00**	**6.90**

REQUISITION BLANKS, DUPLICATING

For Ordering Goods.

	Per Dozen
No. 5062—7¼x4⅝ in., 150 Leaves, Cloth Sides, Stiff, Leather Backs, Complete with Carbon Paper, Weight Per Dozen 7 Lbs.	**$6.25**

Extra Fillers, Duplicating, for Above Books.

	Per Dozen
No. 5062½—For No. 5062 Books, Complete with Carbon Paper, Weight Per Dozen 6 Lbs.	**$3.35**

NOTE AND LETTER BOOKS FOR CORRESPONDENCE, DUPLICATING

	Per Dozen
No. 5055—10⅝x8½ in., Letter Size, 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 19 Lbs.	**$13.35**
No. 5053— 9⅝x5¾ in., Pocket Note Size 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 13 Lbs.	**9.15**
No. 5051— 8½x5⅝ in., Commercial Note Size, 150 Leaves, Cloth Sides, Stiff, Leather Back, Weight Per Dozen 11 Lbs.	**8.00**

Extra Fillers, Duplicating, for Above Books.

Each Filler Complete with Carbon Paper.

Nos.	5055½	5053½	5051½
For Books, Nos.	5055	5053	5051
Weight Per Dozen, Lbs.	14	10	7
Per Dozen	**$6.90**	**4.90**	**3.90**

DUPLICATING SCALE BOOKS

Weighers' Scale Books, Weighed on Fairbanks' and Howe Standard Scales.

	Per Dozen
No. 4982—6x12¾ in., 150 Leaves, Standard Form, Four Blanks on a Leaf, Book and Cover Complete with Carbon Paper, Half Bound, Black Cloth Sides, Red Leather Back, Weight Per Dozen 19 Lbs.	**$16.15**

Extra Fillers, Duplicating, for Above Books.

	Per Dozen
No. 4982½—For No. 4982 Books, Complete with Carbon Paper, Weight Per Dozen 14 Lbs.	**$10.00**

The line of Improved Carbon Books listed above possesses a number of advantages. Although well made and of neat appearance, they are low in price. The covers are made separate from the insides or fillers, so that when an order for the books is duplicated, it is necessary to incur the expense of the fillers only. Each filler is complete with carbon paper.

Files.

SHANNON, ARCH

E. File, Consists of Board and Arch Only.

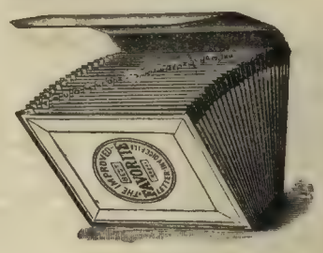
Nos.	32E	34E	36E
Style	Note	Letter	Cap
Size, Inches	7x12	9x14	9¼x17
Holds Sheet, In.	6x9	8½x11	8½x14
Wt. Dz. Abt., Lbs.	15	18	20
Per Dozen	$8.90	8.90	8.90

SHANNON, ARCH

A. File Complete, Consists of Board, Arch, Index, Cover and Perforator.

Nos.	12A	14A	16A
Style	Note	Letter	Cap
Size, Inches	7x12	9x14	9¼x17
Holds Sheet, In.	6x9	8½x11	8½x14
Wt. Dz. Abt., Lbs.	22	24	26
Per Dozen	$20.00	20.00	20.00

ACCORDION



Heavy Manila Paper.

Nos.	1M	2M	3M
Style	Note	Letter	Cap
Size, Inches	6x11½	9¼x11½	9¼x15
Wt. Dz. Abt., Lbs.	8	12	15
Per Dozen	$4.50	4.50	6.90

Full Drab Cloth.

Nos.	1C	2C	3C
Style	Note	Letter	Cap
Size, Inches	6x11½	9¼x11½	9¼x15
Wt. Dz. Abt., Lbs.	10	14	17
Per Dozen	$14.00	14.00	20.80

EXTRA PARTS FOR SHANNON FILES

Extra Arches—Weight Per Dozen About 5 Lbs. ..... Per Dozen $5.00

Extra CC Covers—Weight Per Dozen About 8 Lbs. 3.75

Extra Indexes—Weight Per Dozen About 2 Lbs. ..... Per Dozen $1.15

Extra Perforator—Weight Per Dozen About 6 Lbs. 5.60

EXTRA TRANSFER CASE

For Shannon Files to Hold Papers Removed from Same. Per Dozen

No. 2—Note Size, Weight Per Dozen About 3 Lbs. $5.60
No. 4—Letter Size, Weight Per Dozen About 10 Lbs. 6.15
No. 6—Invoice Size, Weight Per Dozen About 12 Lbs. 6.70

Letter Files.

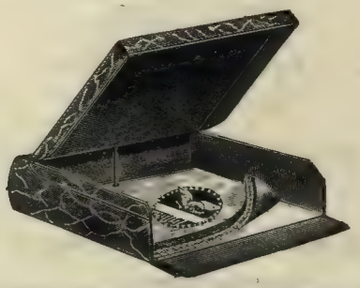
HOOSIER, Good Quality Stock, Extra Strong, Complete with Index.

Per Dozen

No. 10—12x12¼x3 in., Weight Per Dozen About 20 Lbs. $4.50

One Dozen in a Package.

Letter Files.



ECLIPSE, Best Quality, Dust Proof Cover, Extra Strong, Complete with Index.

Per Dozen

No. 20—12x12¼x3 in., Weight Per Dozen About 22 Lbs. $6.15

One Dozen in a Package.

Board Clips.

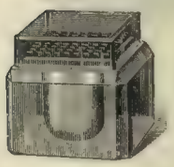
Improved Striped Board, Nickel Plated Clip.

Nos.	1	2	3
Style	Note	Letter	Cap
Holds Sheet, In.	6x9½	8½x11	8½x14
Wt. Dz. Abt., Lbs.	10	14	17
Per Dozen	$6.25	7.25	8.00

Tar Board, Nickel Plated Clip.

Nos.	01	02	03
Style	Note	Letter	Cap
Holds Sheet, In.	6x9½	8½x11	8½x14
Wt. Dz. Abt., Lbs.	8	10	11
Per Dozen	$5.15	5.60	6.10

Ink Stands.



Square, Pressed Glass.

Per Dozen

No. 1105—2½x2½ in., Wt. Per Dozen About 12 Lbs. $2.25

One Dozen in a Box.

Pressed Glass, Round Glass Cup.

Per Dozen

No. 60—2¾x2¾ in. at Base, Wt. Per Dozen Abt. 12 Lbs. $2.00

One Dozen in a Box.

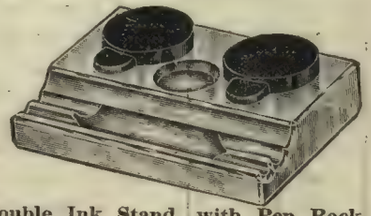
Ink Stands.

Pressed Glass, with Sliding Cover, Pin Cup and Pen Holder.

Each

No. 65—3x4 in., Weight Each About 1½ Lbs. $0.60

Open Stock.



Double Ink Stand, with Pen Rack in Front and with Place for Pins, Wire Clips, Etc. Each

No. 35—5x7 in., Weight Each About 2 Lbs. $2.00

Open Stock.

Square Pressed Glass Stands, Bronze Green Finish Frame.

Each

No. 360—2 in. Square Stands, Weight Each About 4½ Lbs. $1.65

Open Stock.

Waste Baskets.

WIRE

Round, Heavy Plated Wire.

Per Dozen

No. 693½—Single Wire, 12 in. High, 15 in. Diameter at Top, 10 in. Diameter at Bottom, Weight Per Dozen About 15 Lbs. **$7.50**

No. 694½—Same as No. 693½, but Double Wire, Weight Per Dozen About 24 Lbs. ... **8.90**

Open Stock.

WILLOW

Nos.	0	1	2
Height, inches	11	12	13
Diam. at Top, Inches	11	12	13
Wt. Doz. Abt., Lbs.	11	13	15
Per Dozen	$11.15	12.60	15.00

Nos.	3	4	5
Height, Inches	14	15½	17
Diam. at Top, Inches	14	15	16½
Wt. Doz. Abt., Lbs.	18	21	23
Per Dozen	$16.70	19.50	22.25

Open Stock.

Wire Desk Baskets.

Heavy Plated Wire, Rubber Cushioned Feet.

Per Dozen

No. 701—10x14x2½ in., Weight Per Dozen About 12 Lbs. **$3.90**

No. 701½—10½x16x5 in., Extra Large Size, Weight Per Dozen 18 Lbs. **9.70**

Open Stock.

Letter Presses.

Cast Iron, Japanned and Decorated.

No.	D5
Size, Inches	10x15
Weight Each About, Lbs.	72
Each	$12.25

Open Stock.

Paper Files.

No. 34E.

Cast Iron Plate, Steel Wire Hook.

Etruscan Bronzed.

Per Dozen

No. 34E—5½x3 in. Plate, Weight Per Dozen About 4 Lbs. **$1.40**

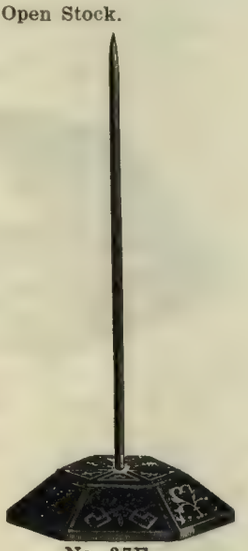
Cast Iron Base, Steel Wire Rod.

Etruscan Bronzed.

Per Dozen

No. 37E—7½ in. Long Rod, 4 in. Diameter Base, Weight Per Dozen About 3 Lbs. **$2.00**

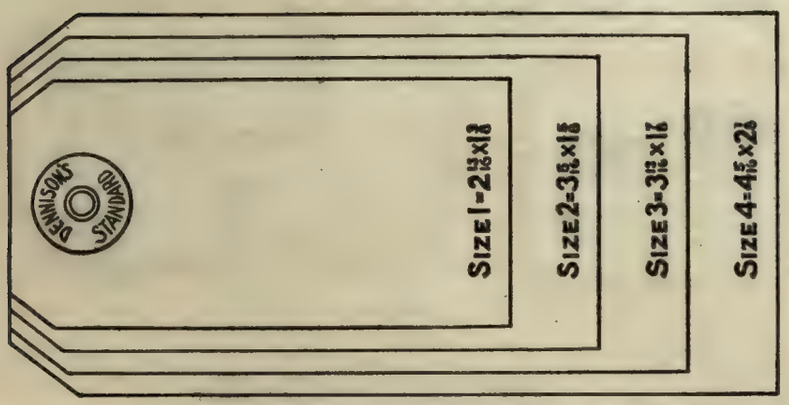
One Dozen in a Box.



No. 37E.

Shipping Tags.

Cuts Full Size.



Dennison's, Manila, Patent Eyelets, Plain.

Nos.	1	2	3
Size, Inches	2 3/16 x 1 3/8	3 5/16 x 1 5/8	3 13/16 x 1 7/8
Wt. M. About, Lbs.	2	3	4
Per 1000	$0.54	.58	.67

Nos.	4	5	6
Size, Inches	4 5/16 x 2 1/8	4 13/16 x 2 3/8	5 5/16 x 2 5/8
Wt. M. About, Lbs.	5	6	7
Per 1000	$0.76	.90	1.00

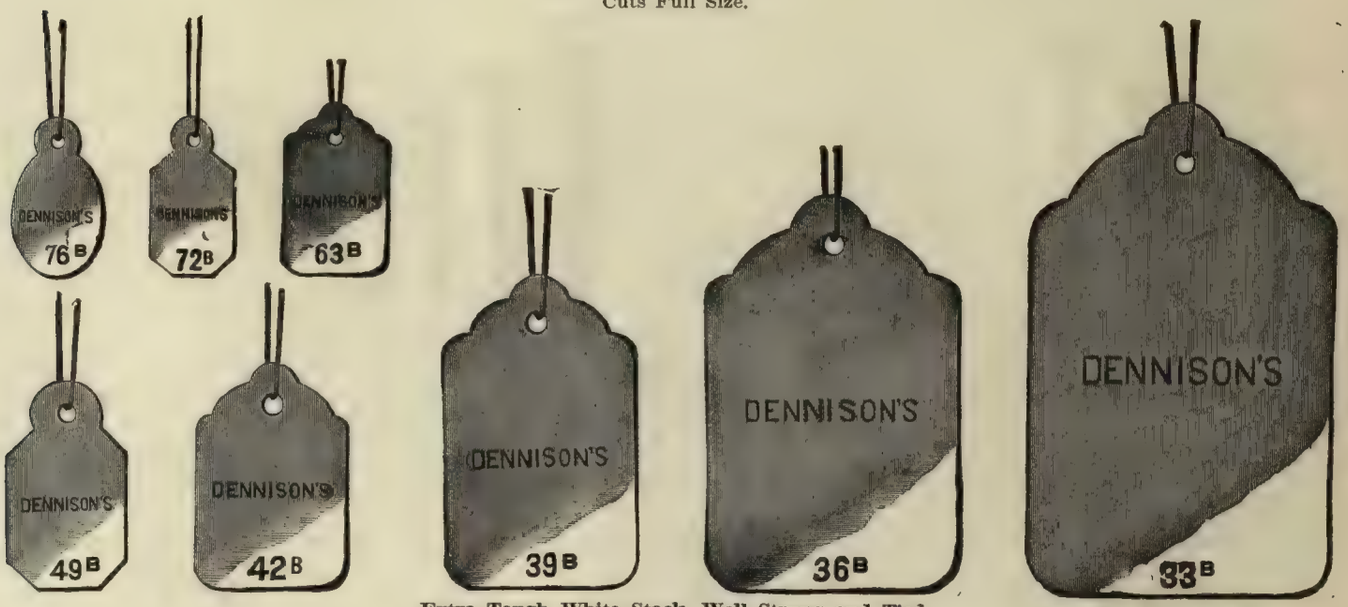
Nos.		7	8
Size, Inches		5 5/16 x 2 7/8	6 5/16 x 3 1/8
Wt. M. About, Lbs.		8	9
Per 1000		$1.15	1.35

One Thousand in a Box.

NOTE—We can have Shipping Tags with Customer's Name Printed to Order.

String Tags.

Cuts Full Size.



Extra Tough White Stock, Well Strung and Tied.

Nos.	76 B	72 B	63 B	49 B	42 B	39 B	36 B	33 B
Length, Inches	⅞	⅞	1	1⅛	1¼	1¾	2¼	2¾
Width, Inches	½	½	9/16	⅝	⅞	1⅛	1 7/16	1¾
Weight Per 1000, Lbs.	½	½	⅝	⅝	¾	1	2	3
Per 1000	$0.75	.75	.80	.92	1.02	1.40	2.00	2.35

100 in a Bundle; 1000 in a Package.

Gummed Labels.

Cuts Full Size.

No. 251.

No. 249.

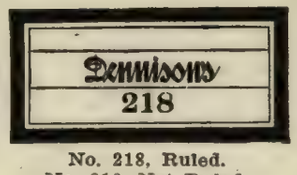
No. 247.

No. 241.

No. 225.

No. 221.

No. 258, Ruled.
No. 259, Not Ruled.



No. 218, Ruled.
No. 219, Not Ruled.

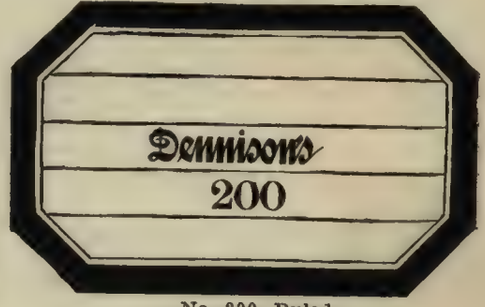
No. 216, Ruled.
No. 217, Not Ruled.

No. 212, Ruled.
No. 213, Not Ruled.

No. 208, Ruled.
No. 209, Not Ruled.

No. 205, Not Ruled.

No. 204, Ruled.



No. 200, Ruled.
No. 201, Not Ruled.

Extra Adhesive, Red Border.

All Sizes—100 in a Box, One Dozen Boxes in a Carton, Weight Per Carton About ½ Lb. ..... Per Dozen Boxes **$1.00**

NOTE—Less than ½ Carton will be Billed at 10c per Box.

Paper Fasteners.

FLAT HEAD

Nos. 3F 4F 5F 6F

Nos.	1F	2F	3F
Length, Inches.	¼	½	¾
Wt. 1000, Lbs..	1	1¼	1½
Per 1000	$1.35	1.70	2.00

Nos.	4F	5F	6F
Length, Inches..	1	1¼	1½
Wt. 1000, Lbs...	1¾	5	6
Per 1000	$2.25	8.00	9.50

ROUND HEAD

Nos. 6R 5R 4R 3R

Nos.	1R	2R	3R
Length, Inches.	¼	½	¾
Wt. 1000, Lbs..	1	1¼	1½
Per 1000	$1.70	2.00	2.70

Nos.	4R	5R	6R
Length, Inches..	1	1¼	1½
Wt. 1000, Lbs...	1¾	5	6
Per 1000	$3.35	10.75	13.00

100 in a Box; 1000 in a Carton.

Paper Clips.

GEM

No. 2.
No. 1.

Steel Spring Wire.

Per 1000

No. 1—100 in a Box, Weight Per 1000 2 Lbs. $0.90

No. 2—100 in a Box, Weight Per 1000 1½ Lbs. ..... .90

Ten Boxes in a Carton.

WEIS

Steel Spring Wire.

Per 1000

Weis—100 in a Box, Weight Per 1000 1½ Lbs. $1.00

One Dozen Boxes in a Display Carton.

IDEAL

Steel Spring Wire.

Per 1000

No. 11—Ideal, 100 in a Box, Weight Per 1000 2 Lbs. $1.00

Ten Boxes in a Carton.

NIAGARA

Steel Spring Wire.

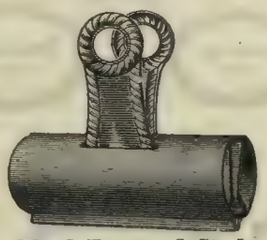
Per 1000

Niagara—100 in a Box, Weight Per 1000 1 Lb. $1.80

Giant Niagara—Extra Large, 100 in a Box Weight Per 1000 4 Lbs. 3.60

Ten Boxes in a Carton.

HANDY

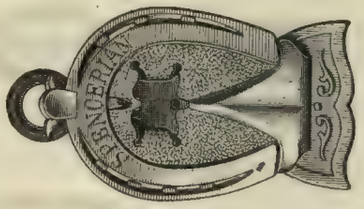


Blued Tempered Steel.

Nos.	1¼	2¼	2½	3
Length, Inches..	1¼	2¼	2½	3
Wt. Dozen, Lbs..	½	¾	1	1½
Per Dozen	$0.35	.40	.80	1.25

No. 1¼, Four Dozen; Balance One Dozen in a Box.

HORSE SHOE



Brass Finish.

Size.	Small	Medium	Large
Inches	1¾x2¾	2⅛x3⅜	2⅜x4
Wt. Per Dozen..	½	¾	1
Per Dozen	$0.90	1.50	2.00

One Dozen in a Box.

Thumb Tacks.

No. 1SS 2SS

STAMPED STEEL, One Piece, Needle Finish Points.

Nos.	1SS	2SS	3SS
Inches	7/16	⅜	5/8
Per 100	$0.25	.35	.45

Three Dozen on a Card; 1 Gross in a Box.

SOLID HEAD, STEEL, Very Durable.

Nos.	1SH	2SH
Inches	⅜	7/16
Per 100	$0.35	.45

One Hundred in a Box.

GERMAN SILVER, with Riveted Steel Points.

Nos.	861	862	863
Inches	⅜	½	5/8
Per Gross	$2.25	2.60	2.80

One Dozen on a Card.

BRASS, with Riveted Steel Points.

Nos.	851	852	853
Inches	⅜	½	5/8
Per Gross	$1.15	1.25	1.45

One Dozen on a Card.

Writing Ink.

BLACK DIAMOND CHEMICAL WRITING FLUID

No. 036.

No. 39.

With Wood Top Cork. Per Gross

No. 036—2 Oz. Cylinder Stand, Weight Per Gross About 56 Lbs. **$11.15**

No. 39—2 Oz. Cone, Weight Per Gross About 56 Lbs. **11.15**

Writes Black and always remains Black, flows freely, is not injured by freezing, and is waterproof. The best ink for school and general purposes.

One-quarter Gross in a Box.

IMPERIAL BLACK

Nos. 45½ and 47½.

Nos. 41 to 43.

Per Gross

No. 44—4 Oz., Desk Stand, Enameled Wood Top Cork, Weight Per Gross About 100 Lbs. ... **$20.25**

No. 45½—4 Oz., Square, Wide Mouth, Rubber Top Cork, Weight Per Gross About 100 Lbs. ... **20.25**

No. 46½—2½ Oz., Square, Wide Mouth, Rubber Top Cork, Weight Per Gross About 68 Lbs. ... **17.25**

No. 47½—2 Oz., Square Stand, Rubber Top Cork, Weight Per Gross About 60 Lbs. **12.50**

One-quarter Gross in a Box. Per Dozen

No. 41—1 Quart, with Patent Spout, Weight Per Dozen About 55 Lbs. **$17.25**

No. 42—1 Pint, with Patent Spout, Weight Per Dozen About 30 Lbs. **10.60**

No. 43—½ Pint, with Patent Spout, Weight Per Dozen About 17 Lbs. **6.15**

Positively non-corrosive, writes Coal Black, flows freely, and is free from gum, is not injured by freezing. The best ink for schools.

One Dozen in a Box.

CHEMICAL COMBINED WRITING AND COPYING FLUID

Nos. 11 to 13.

With Patent Spout. Per Dozen

No. 11—1 Quart, Weight Per Dozen About 55 Lbs. **$20.25**

No. 12—1 Pint, Weight Per Dozen About 30 Lbs. **11.70**

No. 13—½ Pint, Weight Per Dozen About 17 Lbs. **7.80**

This is a genuine Chemical Ink, which can never fade. Writes a bright blue color, changing to coal black, will yield good copies. The best Ink for general office use.

One Dozen in a Box.

With Enameled Wood Top Cork. Per Gross

No. 4—4 Oz. Desk Stand **$21.75**

Weight Per Gross About 100 Pounds.

One-quarter Gross in a Box.

Nos. 5½ and 7½.

Nos. 1 to 3.

Square. Per Gross

No. 5½—4 Oz., Wide Mouth, Rubber Top Cork, Weight Per Gross About 100 Lbs. **$21.75**

No. 7½—4 Oz., Rubber Top Cork, Weight Per Gross About 60 Lbs. **12.50**

One-quarter Gross in a Box.

With Patent Spout. Per Dozen

No. 1—1 Quart, Weight Per Dozen About 55 Lbs. .. **$17.25**

No. 2—1 Pint, Weight Per Dozen About 30 Lbs. **10.60**

No. 3—½ Pint, Weight Per Dozen About 17 Lbs. **6.15**

One Dozen in a Box.

This is a chemical Ink which can never fade. It writes a beautiful Blue color, which changes to Coal Black. Gives one copy from fresh writing. The best ink for bookkeeping and fine writing

FOUNTAIN PEN INK

No. 244.

No. 247.

With Filler. Per Dozen

No. 244—25 Cent Size, Square, Weight Per Dozen About 10 Lbs. **$4.75**

No. 245—15 Cent Size, Square, Weight Per Dozen About 7 Lbs. **3.15**

No. 247—25 Cent Size, Travelers', Weight Per Dozen About 7 Lbs. **4.75**

No. 248—15 Cent Size, Pocket, Weight Per Dozen About 5 Lbs. **3.15**

The most satisfactory Ink for Fountain Pen use. Writes blue, turns to an intense Black, and never fades.

A Display Rack, holding 3 Bottles, with each, Nos. 244, 245 and 247.

One Dozen in a Box.

Ink.

RED INK

No. 137½.

For School Use, Square, Rubber Cork Top.

	Per Gross
No. 136½—2½ Oz., Wide Mouth, Weight Per Gross About 60 Lbs.	**$23.35**
No. 137½—5 Cent Size, Weight Per Gross About 56 Lbs.	**11.70**
No. 0137½—5 Cent Size, Wt. Per Gross About 60 Lbs.	**12.50**

Nos. 136½ and 137½, One-quarter Gross; No. 0137½, One-twelfth Gross in a Box.

DIAMOND CRIMSON FLUID

New Shade, Very Bright, with Patent Spout.

	Per Dozen
No. 161—1 Quart, Flint, Weight Per Dozen About 55 Lbs.	**$29.50**
No. 162—1 Pint, Flint, Weight Per Dozen About 30 Lbs.	**17.15**
No. 163—½ Pint, Flint, Weight Per Dozen About 17 Lbs.	**10.50**

For writing, ruling and copying. One Dozen in a Box.

RUBBER STAMP INK

No. 217½.

In Solid Colors and Assorted Black, Red, Violet, Blue, Green and Cardinal.

	Per Dozen
No. 217½—Bottles, with Brush Attached to Cork for Spreading	**$4.80**

Nos.	213	212	211
Size Bottle	½ Pt.	1 Pt.	1 Qt.
Ap. Wt. Dz., Lbs.	17	30	54
Per Dozen	**$12.80**	**23.35**	**40.60**

	Per Can
No. 210—In 1 Gallon Can, Wt. Each About 10 Lbs.	**$11.70**

Mucilage.

DIAMOND

A Good Heavy Mucilage Made from Gum Arabic.

No. 366.

	Per Gross
No. 366—1½ Oz., Cylinder Bottles, Weight Per Gross About 56 Lbs.	**$13.35**
No. 366½—1½ Oz., Cylinder Bottles, Weight Per Gross About 60 Lbs.	**15.00**
No. 360—1½ Oz., Cone Bottles, with Cap and Brush, Weight Per Gross About 56 Lbs.	**13.35**
No. 361—1½ Oz., Cone Bottles, with Cap and Brush, Weight Per Gross About 60 Lbs.	**15.00**

Nos. 366 and 360, One-quarter Gross; Nos. 366½ and 361, One-twelfth Gross in a Box.

No. 345½.

	Per Dozen
No. 345½—3 Oz., Fancy Paneled Square Bottles, with Cap and Brush, Weight Per Dozen About 7 Lbs.	**$2.00**

One Dozen in a Box.

	Per Gross
No. 346½—2½ Oz., Square Bottles, with Cap and Brush, Weight Per Gross About 60 Lbs.	**$18.75**
No. 347½—2 Oz., Fancy Paneled Square Bottles, with Cap and Brush, Weight Per Gross About 56 Lbs.	**13.35**

One-quarter Gross in a Box.

Nos.	313	312	311
Size Bottles	½ Pt	1 Pt.	1 Qt.
Ap. Wt. Doz., Lbs.	18	30	60
Per Dozen	**$5.00**	**8.25**	**14.00**

One Dozen in a Box.

	Per Dozen
No. 317—3 Oz., Ball Cone Bottles, Weight Per Dozen About 10 Lbs.	**$1.70**

One Dozen in a Box.

	Per Gallon
No. 310—1 Gallon Jugs, Weight Per Gallon About 11 Lbs.	**$4.75**

Paste.

DIAMOND

No. 369½.

In Spreader Tubes.

	Per Dozen
No. 369½—5 Cent Size, Each Tube in Decorated Carton, Weight Per Dozen About 2 Lbs.	**$1.00**
No. 370½—10 Cent Size, Each Tube in Decorated Carton, Weight Per Dozen About 3½ Lbs.	**1.80**

One Dozen in a Box.

In Alpha Jars, with Brush.

Nos.	412	413	414	415
Size	1 Pt.	8 Oz.	5 Oz.	3 Oz.
Ap. Wt. Dozen, Lbs.	30	22	17	14
Per Dozen	**$14.00**	**9.35**	**5.50**	**3.25**

One Dozen in a Box.

	Per Gross
No. 349—5 Cent Size, Weight Per Gross About 78 Lbs.	**$12.50**

One-quarter Gross in a Box.

	Per Dozen
No. 350—10 Cent Size, Weight Per Dozen About 10 Lbs.	**$ 2.00**
No. 351—1 Quart Jars, Weight Per Dozen About 50 Lbs.	**17.15**
No. 352—1 Pint Jars, Weight Dozen About 30 Lbs.	**10.60**

One Dozen in a Box.

Lead Pencils.

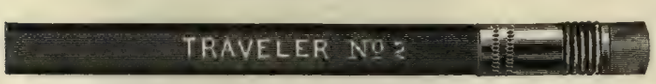
PRITZLAFF'S SPECIAL, Hexagon, Yellow Finish, Nickel Tip, Inserted Rubber. Per Gross
No. 472—No. 2, Soft Medium, Weight Per Gross 3 Lbs.....$8.35
No. 473—No. 3, Medium, Weight Per Gross 3 Lbs..... 8.35
One Dozen in a Box, ½ Gross in a Carton.

PRITZLAFF'S EASY WRITER, Round, Yellow Finish, Nickel Tip, Inserted Rubber. Per Gross
No. 572—No. 2, Soft Medium, Weight Per Gross 3½ Lbs.....$9.00
No. 573—No. 3, Medium, Weight Per Gross 3½ Lbs..... 9.00
One Dozen in a Box, ½ Gross in a Carton.

DIXON'S

Plain Cedar, Round. Per Gross
No. D—Weight Per Gross 2 Lbs.....$1.90

ARTISAN, Polished Cedar, Round, Inserted Rubber.
Per Gross
No. 268—Weight Per Gross 2 Lbs.....$2.60
One Gross in a Box.

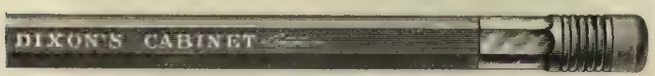


TRAVELER, Round, Nickel Tip, Inserted Rubber.
Per Gross
No. 313—No. 2, Soft Medium, Weight Per Gross 2½ Lbs.$5.35
No. 314—No. 3, Medium, Weight Per Gross 2½ Lbs.... 5.35
One-half Gross in a Box.

TIP TOP, Round, Assorted Finishes, Nickel Tip, Inserted Rubber.
Per Gross
No. 315—No. 2, Soft Medium, Weight Per Gross 2½ Lbs..$4.25
One-half Gross in a Box.

SECRETARY, Hexagon, Ebony Finish, Nickel Tip, Inserted Rubber. Per Gross
No. 766—No. 2, Soft Medium, Weight Per Gross 2½ Lbs..$7.25
No. 767—No. 3, Medium, Weight Per Gross 2½ Lbs..... 7.25
One-half Gross in a Box.

CABINET, Round, Maroon Finish, Nickel Tip, Inserted Rubber.
Per Gross
No. 745—No. 2, Soft Medium, Weight Per Gross 3½ Lbs..$6.70
No. 746—No. 3, Medium, Weight Per Gross 3½ Lbs..... 6.70
One-half Gross in a Box.



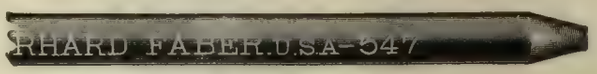
CABINET, Hexagon, Maroon Finish, Nickel Tip, Inserted Rubber.
Per Gross
No. 747—No. 2, Soft Medium, Weight Per Gross 3½ Lbs..$7.25
No. 748—No. 3, Medium, Weight Per Gross 3½ Lbs..... 7.25
One-half Gross in a Box.

FABER'S

Plain Cedar, Round.
Per Gross
No. 1000—Weight Per Gross 2 Lbs.....$1.90
One Gross in a Box.

STAR, Round, Rosewood Polish.
Per Gross
No. 3903—No. 3, Medium, Weight Per Gross 2½ Lbs.....$4.70
One-half Gross in a Box.

STAR, Hexagon Rosewood Polish.
Per Gross
No. 372—No. 2, Soft Medium, Weight Per Gross 2 Lbs...$5.60
No. 373—No. 3, Medium, Weight Per Gross 2 Lbs..... 5.60
One-half Gross in a Box.



DASH, Round, Natural Polish, Inserted Rubber.
Per Gross
No. 547—Weight Per Gross 4 Lbs.....$2.60
One Gross in a Box.

COMMERCE, Hexagon, Black Polish, Nickel Tip, Inserted Rubber. Per Gross
No. 3752—No. 2, Soft Medium, Weight Per Gross 3 Lbs..$6.70
No. 3753—No. 3, Medium, Weight Per Gross 3 Lbs..... 6.70
One-half Gross in a Box.

COMMERCE, Round, Walnut Polish, Nickel Tip, Inserted Rubber. Per Gross
No. 3952—No. 2, Soft Medium, Weight Per Gross 3 Lbs..$6.15
No. 3953—No. 3, Medium, Weight Per Gross 3 Lbs..... 6.15
One-half Gross in a Box.

DIXON'S

OPERATORS', Round, Satin Finish. Per Gross
No. 300—Large Size, Soft Lead, Weight Per Gross 3 Lbs..$8.35
One-half Gross in a Box.

Lead Pencils.

FABER'S

MONGOL, Hexagon, Yellow Polish, Nickel Tip, Inserted Rubber. Per Gross

No. 482—No. 2, Soft Medium, Weight Per Gross 3 Lbs. **$11.15**

No. 483—No. 3, Medium, Weight Per Gross 3 Lbs. **11.15**

One Dozen in a Box; One-half Gross in a Box.

MONGOL, Hexagon, Yellow Polish. Per Gross

No. 481—BB, B, HB, H, 2H, 3H, 4H and 6H Grade, Weight Per Gross 3 Lbs. **$11.15**

One Dozen in a Box; One-half Gross in a Box.

STENOGRAPHIC, Round, Natural Polish. Per Gross

No. 597—Medium Hard, Weight Per Gross 2 Lbs. **$6.70**

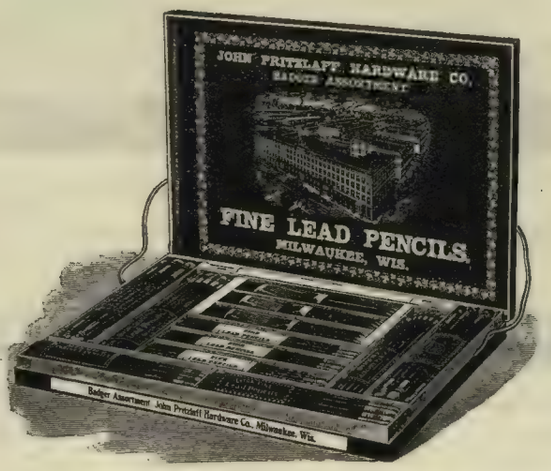
One-half Gross in a Box.

Lead Pencil Assortments.

OUR OWN, Assorted Round and Hexagon, Assorted Finishes, Nickel Tips with Rubbers. Per Box

No. 431—Contains 6 Dozen Assorted Pencils, Weight Per Box 2 Lbs. **$3.90**

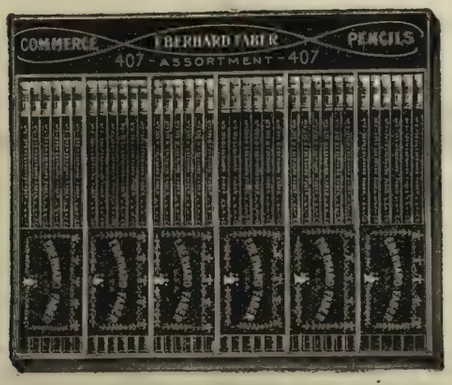
One Assortment in a Box.



BADGER, Assorted Round and Hexagon, Assorted Finishes, Nickel Tips with Rubbers. Per Box

No. 430—Contains 12 Dozen Assorted Pencils, Weight Per Box 3½ Lbs. **$5.60**

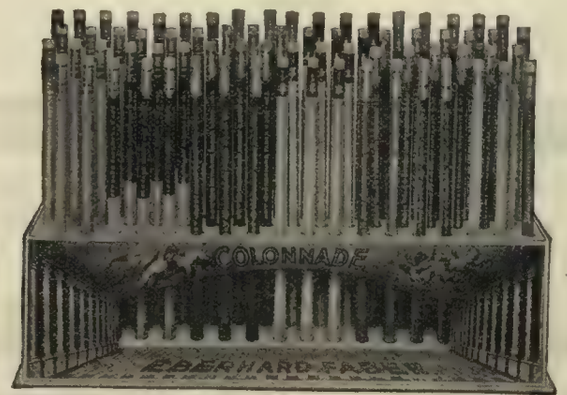
One Assortment in a Box.



COMMERCE, Assorted Round and Hexagon, Polished Pencils, Nickel and Gilt Tips, Inserted Rubber. Per Box

No. 407—Contains 6 Dozen Assorted Pencils, Weight Per Box 1¾ Lbs. **$3.90**

One Assortment in a Box.



COLONNADE, Assorted Round, Twisted and Hexagon Polished Pencils, Nickel and Gilt Tips, Inserted Rubber. Per Box

No. 450—Contains 6 Dozen Assorted Pencils, Weight Per Box 2¼ Lbs. **$4.50**

One Assortment in Upright Display Box.

Copying Pencils.

FABER'S TIGER COPYING, Round, Yellow Polish, Long Black Tip, Gilt Band.

Per Gross

No. 704—Purple Copying Lead, Weight Per Gross 3½ Lbs. **$13.35**

One Dozen in a Box; ½ Gross in a Carton.

FABER'S TRANSFER INK PENCIL, Round, Rich Purple Polish, Gilt Cap, Silver Stamp.

Per Gross

No. 750—Transfer Ink Pencil, Weight Per Gross 2½ Lbs. **$12.25**

One-half Gross in a Box.

DIXON'S ETERNO, Round, Purple Finish, Gold Stamp.

Per Gross

No. 2050—Purple Copying Lead, Wt. Per Gross 3½ Lbs. **$13.35**

One Dozen in a Box; ½ Gross in a Carton.

BLAISDELL, 7 Inch Paper Covered, to Sharpen Cut Paper Between Holes and Unwind.

Per Gross

No. 185—Indelible Lead, Weight Per Gross 8 Lbs. **$10.00**

One Dozen in a Box.

Oil Marking Pencils.

Six Inch, Paper Covered.

Per Dozen

No. 43—Black, Blue or Red, Weight Per Dozen ⅝ Lb. ... **$0.70**

Will mark on wood, paper, cloth, leather, glass, tinware, metal, etc.

One Dozen in a Box.

Pencil Sharpeners.

FABER'S, All Metal.

Per Dozen

No. 1410—With Patent Stop, Weight Per Dozen ⅝ Lb. .. **$1.00**

One Dozen in a Box.

Metal Workers' Crayons.

DIXON'S, Flat, Chisel Point, Solid Soapstone.

Per Gross

No. 524—4¾ in. Long, Weight Per Gross 7½ Lbs. **$6.70**

One-half Gross in a Box.

Colored Pencils.

Round Cedar, Natural Color.

Per Dozen

No. 6605—Blue Lead, Weight Per Gross 2½ Lbs. **$0.60**
No. 6606—Red Lead, Weight Per Gross 2½ Lbs. ..... **.60**

Round Cedar, Blue Polished.

Per Dozen

No. 6635—Blue Lead, Extra Fine Grade, Weight Per Gross 2½ Lbs. **$0.90**

Round Cedar, Red Polished.

Per Dozen

No. 6636—Red Lead, Extra Fine Grade, Weight Per Gross 2½ Lbs. **$0.90**

One-half Gross in a Box.

BLAISDELL, 7 Inch Paper Covered, to Sharpen Cut Paper Between Holes and Unwind.

Per Gross

No. 151—Blue Lead, Blue Covered **$17.80**
No. 161—Red Lead, Red Covered **17.80**

Weight Per Gross About 3 Lbs.

One Dozen in a Box.

China Marking Pencils.

BLAISDELL, 7 Inch Paper Covered, to Sharpen Cut Paper Between Holes and Unwind.

Per Dozen

No. 792—Black Lead, Adapted for Marking China, Polished Surfaces, Metal and Glass, Weight Per Gross 3 Lbs. **$2.25**

One-twelfth Gross in a Box.

Pencil Point Protectors.

DIXON'S, Nickel Plated.

Per Dozen

No. 368—Screw Top, Inserted Rubber, Weight Per Dozen ¼ Lb. **$0.60**

One Dozen in a Box.

Oil Crayons.

Indelible, Black or Blue.

Per Dozen

No. 50—3½ in. Long, Weight Per Dozen ¾ Lb. **$0.60**

Will mark on wood, paper, cloth, leather, glass, tinware, metals, etc.

One Dozen in a Box.

Carpenters' Pencils.

FABER'S, Assorted Colors, Beveled.

Per Assortment

No. 77—Contains 3 Dozen Assorted Pencils, Weight Per Assortment 1½ Lbs.....$2.80

One Assortment in a Box.

FABER'S, Oval. Per Gross

No. 707—7 in., Whitewood, Natural Color, Weight Per Gross 3½ Lbs.....$4.50

No. 709—9 in., Whitewood, Natural Color, Weight Per Gross 4½ Lbs..... 5.00

No. 727—7 in., Plain Cedar, Weight Per Gross 4 Lbs..... 5.25

No. 729—9 in., Plain Cedar, Weight Per Gross 5 Lbs..... 6.15

One-half Gross in a Box.

DIXON'S FRAMERS, Beveled, Maroon Finish.

Per Gross

No. 538—7 in., Weight Per Gross 3½ Lbs.....$10.60

One-half Gross in a Box.

DIXON'S, Oval, White Wood, Natural Color, with 6 Inch Rule, Stamped in Blue Ink. Per Gross

No. 514—7 in., Weight Per Gross 3½ Lbs.....$4.50

No. 515—9 in., Weight Per Gross 4½ Lbs..... 5.00

One-half Gross in a Box.

Lumber Pencils.

DIXON'S, 4¾ Inch, Hexagon. Per Gross

No. 361 —Black Lead, Japanned Finish.....$11.15

No. 365 —Black Lead, Soft, for Green Lumber, Paper Covered 11.15

No. 365½—Black Lead, Very Soft, for Green Lumber, Japanned 11.15

No. 496 —Yellow Lead, Paper Covered..... 20.00

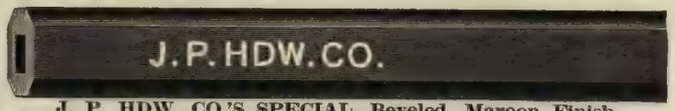
No. 520 —Red Lead, Soft, for Green Lumber, Paper Covered 20.00

No. 521 —Blue Lead, for Green Lumber, Paper Covered. 20.00

No. 521½—Blue Lead, Soft, for Green Lumber, Paper Covered 20.00

Weight Per Gross About 14 Lbs.

One-half Gross in a Box.

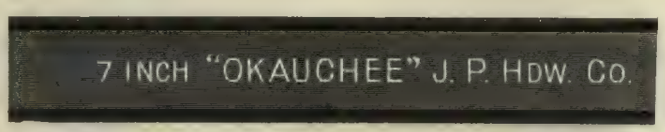


J. P. HDW. CO.'S SPECIAL, Beveled, Maroon Finish. Black Edges. Per Gross

No. 7—7 in. Long, Weight Per Gross 4½ Lbs.....$10.60

No. 9—9 in. Long, Weight Per Gross 6 Lbs..... 13.35

One Dozen in a Bundle; ½ Gross in a Box.

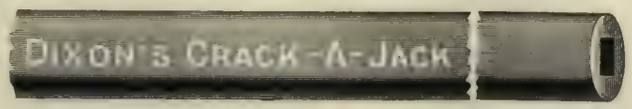


OKAUCHEE, Beveled, Yellow Finish, Purple Edges.

Per Gross

No. 777—7 in., Weight Per Gross 5½ Lbs.....$11.15

One Dozen in a Box; ½ Gross in a Carton.



DIXON'S CRACKAJACK, Oval, Yellow Wood.

Per Gross

No. 6—5H, 7 in., Weight Per Gross 5¼ Lbs.....$13.00

One-half Gross in a Box.

DIXON'S, Beveled, Polished Cedar. Per Gross

No. 511—7 in., Weight Per Gross 3½ Lbs.....$ 8.35

No. 512—9 in., Weight Per Gross 4½ Lbs..... 10.60

One-half Gross in a Box.

DIXON'S, Oval, Polished Cedar. Per Gross

No. 532—7 in., Weight Per Gross 3½ Lbs.....$ 7.80

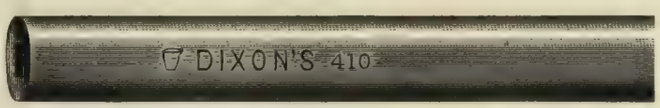
No. 533—9 in., Weight Per Gross 4½ Lbs..... 10.00

DIXON'S, Oval, Cedar, Mottled Finish. Per Gross

No. 517—7 in., Weight Per Gross 3½ Lbs.....$ 9.50

No. 518—9 in., Weight Per Gross 4½ Lbs..... 11.15

One-half Gross in a Box.



DIXON'S, Oval, Polished Cedar. Per Gross

No. 410—7 in., Weight Per Gross 3½ Lbs.....$5.25

No. 411—9 in., Weight Per Gross 4½ Lbs..... 6.15

One-half Gross in a Box.

Lumber Pencils.

4¾ Inch, Hexagon, Paper Covered. Per Dozen

No. 161—Black Lead, Weight Per Gross About 9½ Lbs..$1.00

No. 221—Blue Lead, Weight Per Gross About 9½ Lbs.... 1.15

One twelfth Gross in a Box; One Gross in a Carton.

Pencil Holders.

DIXON'S, Nickel Plated Steel, for Holding Lumber Pencils and Crayons. Per Dozen

No. 503—4¼ in. Long, Weight Per Dozen ¾ Lb.....$2.25

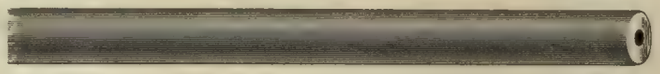
One Dozen in a Box.

Slate Pencils.

Soapstone, Pointed.

Per 100
No. 120—5½ in. Long, Weight Per Gross About 3½ Lbs. . $0.40

One Hundred in a Box.



Wood, Covered, Assorted Polishes.

Per Box
No. 700—Assortment Contains 6 Dozen Round Slate Pencils, 7 in. Long, Weight Per Box 3 Lbs. $1.25

Six Dozen in a Box.

School Slates.

Common, Single, Style D.

Inches	6x9	6½x10	8x12
Wt. Dozen, Lbs.	10	12	18
Per Dozen	$1.10	1.15	1.55

Open Stock.

Oak Leaf, Noiseless, Single.

Size, Inches	5x7	6x9	9x13
Wt. Dozen, Lbs.	7	11	19
Per Dozen	$2.00	2.60	4.00

Open Stock.

Oak Leaf, Noiseless, Double.

Size, Inches	5x7	6x9	9x13
Wt. Dozen, Lbs.	14	22	40
Per Dozen	$4.00	5.00	8.00

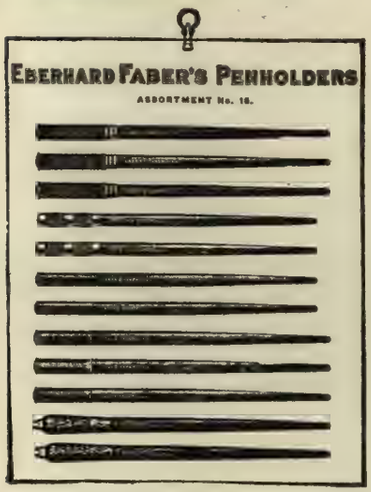
Open Stock.

Black Board Erasers.

Andrews, Wool Felt Face, Stained Wood Back.

Per Dozen
No. 1—6x2 in., Weight Per Dozen 2 Lbs. $0.90

Open Stock.



No. 18.

Penholder Assortments.

Assorted Styles, Polished.

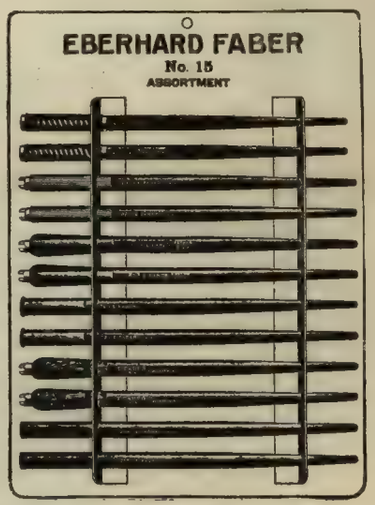
Per Card
No. 18—Contains 1 Dozen Assorted Pen Holders, Weight Per Card ½ Lb. $0.90

Six Cards in a Box.

Assorted Styles, Polished.

Per Card
No. 15—Contains 1 Dozen Assorted Pen Holders, Weight Per Card ½ Lb. 1.15

Six Cards in a Box.



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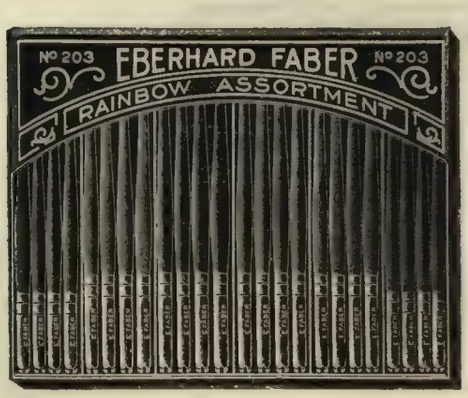


No. 203.

Assorted, Swell Fancy Colored Handles, Gilt Tips.

Per Box
No. 203—Contains 6 Dozen Assorted Pen Holders, Weight Per Box 1¼ Lbs. $2.80

One Assortment in a Box.

SUBWAY, Assorted Styles, Polished Holders with Cork Tips, Soft Rubber Tips, Hard Rubber Tips, Pen Ejecting Tips and All Wood Pen Holders.

Per Box
No. 291—Contains 3 Dozen Assorted Pen Holders in Upright Display Box, Weight Per Box 1 Lb. $2.90

One Assortment in a Box.

No. 291.

Steel Pens.

ESTERBROOK'S

Per Gross

No. 048—Esterbrook Falcon, Bronze, the Most Popular Pen in Use for General Business Purposes $1.25

Per Gross

No. 333—Extra Fine, Bronze, a Very Popular Pen for Public and Private Schools, of Higher Grade and Bookkeeper's Use..$1.30

Per Gross

No. 313—Probate, Gray, a Large Engrossing Pen, with Long Nib and Medium Point.....$1.35

Per Gross

No. 442—Jackson Stub, Gray, a Very Popular Stub Pen, Falcon Shape $1.35

Per Gross

No. 14—Bank, Bronze, an Excellent Business Pen, Next to the Falcon No. 048 in Popularity..$1.25

Per Gross

No. 239—Chancellor, Gray, a Medium Stub Pen, Much Liked for Back-Hand Writing.....$1.35

Per Gross

No. 460—Manifold, Gray, for Manifold Copying $1.35

Per Gross

No. 135—Double Elastic, Gray, Medium Fine, Elastic Action, Very Popular $1.35

Per Gross

No. 130—Easy Writer, Gray, an Excellent Correspondence Pen...$1.35

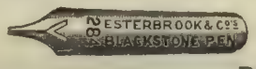
Per Gross

No. 314—Relief, Golden, a Yellow Metal Stub, Medium Fine Point $1.35

Approximate Weight Per Gross ¼ Lb.

Per Gross

No. 280—"J," Black, Broad Points, Broad Point Engrossing, a Very Easy Pen $1.35



Per Gross

No. 284—Blackstone, Black, Coarse Stub Engrossing, Extensively Used $1.35

Per Gross

No. 657—Court House Pen, Gray, a Large Business Pen, Well Adapted for Use in Public Offices, Very Durable.....$1.35

Per Gross

No. 332—Inflexible, Gray, a Specially Firm Pen, Smooth and Easy, Medium Fine Point.....$1.35

Per Gross

No. 556—Vertical Writer, Gray, Fine Point $1.15

One Gross in a Box. **We do not Break Boxes.**

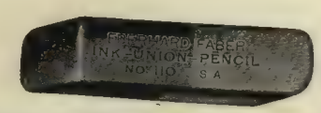
Rubber Erasers.

EMERALD, Green Pencil Rubber, Double Bevel.

Per Dozen

No. 111—Small, Weight Per Dozen ½ Lb. $0.80

One Dozen in a Box.



UNION, Ink and Pencil Eraser, Long Double Bevel.

Per Dozen

No. 110—Large, Weight Per Dozen ½ Lb. $0.90

One Dozen in a Box.

Steel Polish.

POLITA, A Rubber Like Cake and Rapid Rust Remover, Cleans Hardware, Cutlery, Tools, Etc.

Per Dozen

No. 1045—2¼x1 in., Weight Per Dozen 1¼ Lbs. $1.60

One Dozen on an Easel Back Card.

Rubber Bands.

THREAD

No. 10.

No. 13.

Nos.	10	11	13	14	16
Length, Inches	1¼	1½	1¾	2	2½
Width, Inches	1/16	1/16	1/16	1/16	1/16
Per Gross	$0.34	.36	.40	.45	.55

One Great Gross in a Nest Box.

NARROW

No. 30.

Per Gross

No. 30—2 in. Long, ⅛ in. Wide.....$1.05
No. 31—2½ in. Long, ⅛ in. Wide..... 1.25

One Gross in a Box.

HEAVY

No. 61.

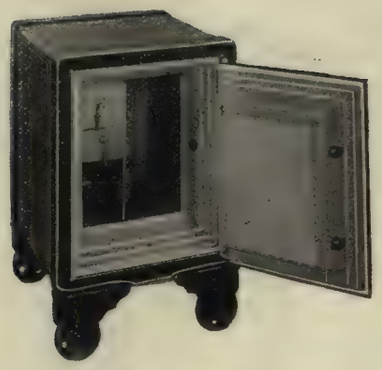
Per Gross

No. 61—2 in. Long, ¼ in. Wide.....$1.50
No. 63—3 in. Long, ¼ in. Wide..... 2.25

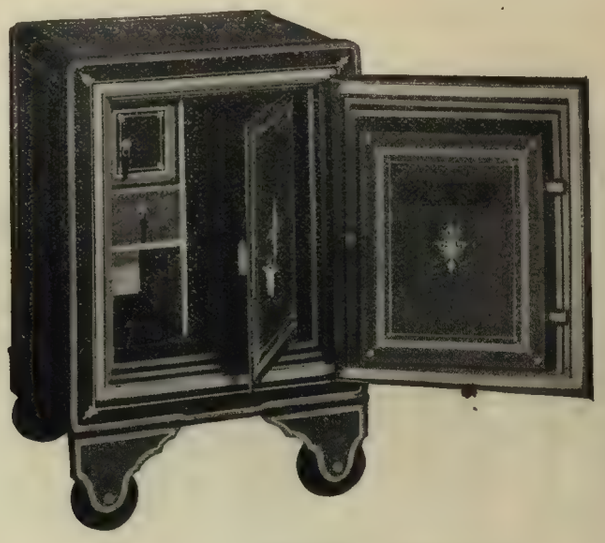
One Gross in a Box.

Medium Wall Safes.

NORTHWESTERN SAFE MFG. CO.'S



No. 300.



No. 303.

Construction and Material Used:—The body of these Safes is made of one continuous sheet of Bessemer Steel, forming top, bottom and two sides, being securely riveted at the bottom with heavy Boiler Rivets, Corners and Edges protected with Bars which pass entirely around the body of the Safe, one at the front and one at the back, each formed of one continuous bar of steel welded at each corner (not riveted). The back of the Safe is formed of one sheet of selected Bessemer steel set inside the angle frame. This method of construction eliminates all weak spots, giving the greatest strength and rigidity to the Safe so that it will stand a fall from a considerable height, and prevents it being crushed by walls or heavy timbers falling upon it. A special feature of these Safes is the intersecting flange on the inner edge of the door which fits in behind the angle frame, thus giving a close fit and increasing the efficiency of the Safe in excluding heat and moisture. Heavy outside hinges riveted to the angle frame and door are used; also asbestos packing around the door frame and door.

Fire-Proof Composition:—The Composition is composed of the most effective heat resisting ingredients with cement as a base. It is mixed by experts, is introduced into the walls of the Safe in a semi-liquid state and allowed to harden. The greatest care has to be used in this operation, and the Composition is such that when exposed to heat, owing to its chemical nature, it throws off a vapor which is a non-conductor of heat. After fire-proof composition has gone through this process, it loses its fire-proof qualities. This explains why a second-hand safe that has gone through a fire is of no value so far as fire protection is concerned. The Northwestern Safes have been given actual tests by subjecting them to steady and intense heat for long periods, and in every case the interior of the Safe and its contents have been perfectly preserved.

Operation:—The bolt work is of the special design, simple in construction and never gets out of order. The lock and bolt works are easy of access for oiling and changing the combination if desired. Yale Combination Locks on outside doors and Yale key locks on inside doors, cash box and lock drawers are used. Yale locks are considered the best made, cannot be picked, and operate only on the numbers on which the combination is set. These locks can be set on one, two, three or four number combinations as desired.

Decoration:—These Safes are handsomely finished in Dark Green and Gold Stripes, and we letter your name on if requested without extra charge.

Each

No. 300—Outside Measurement, 22½ in. High, 13¼ in. Wide 14½ in. Deep; Inside Measurement, 11 in. High, 7¾ in. Wide, 8 in. Deep; without Inside Door, Approx. Weight 300 Lbs.; Interior Arrangement: Sub-Treasury 4x3½ in., 1 Drawer with Lock, 4x2¾ in., 1 Pigeon Hole 4x3¾ in., 1 Book Space 3½x11 in..... $44.50

No. 301—Outside Measurement, 26 in. High, 18¼ in. Wide, 19 in. Deep; Inside Measurement, 11½ in. High, 10½ in. Wide, 10 in. Deep; without Inside Door, Approx. Weight 350 Lbs.; Interior Arrangement: Sub-Treasury 4x3¾ in., 1 Drawer with Lock, 3⅜x2¾ in., 1 Pigeon Hole 4x4¼ in., 1 Book Space 6x11½ in..... 53.30

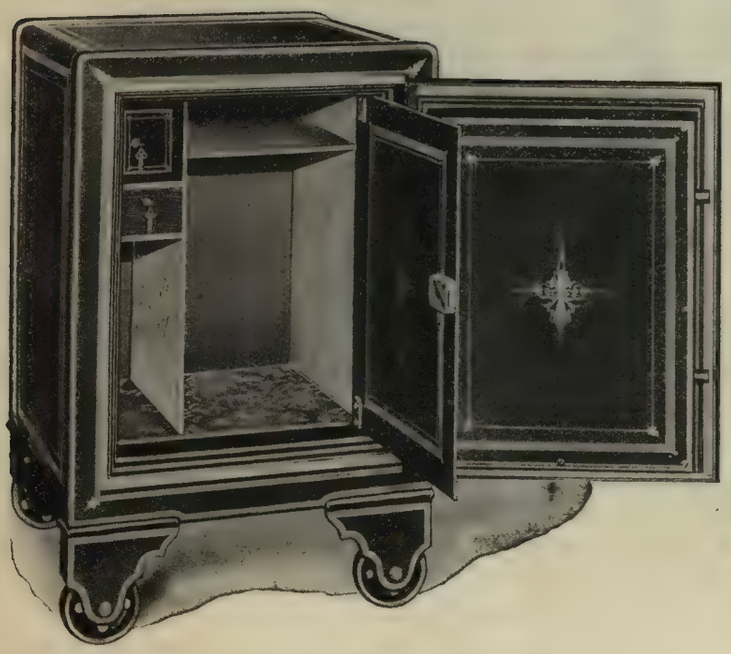
No. 302—Outside Measurement, 28 in. High, 19⅜ in. Wide, 19 in. Deep; Inside Measurement, 14⅜ in. High, 11⅜ in. Wide, 10 in. Deep; with Inside Door, Approx. Weight 540 Lbs.; Interior Arrangement: Sub-Treasury 4⅛x4⅛ in., 1 Drawer with Lock, 4⅛x3 in., 1 Pigeon Hole 4⅛x5¼ in., 1 Book Space 6¼x13½ in..... 62.25

No. 303—Outside Measurement, 31 in. High, 22 in. Wide, 23 in. Deep; Inside Measurement, 16⅜ in. High, 13⅜ in. Wide, 13 in. Deep; with Inside Door, Approx. Weight 840 Lbs.; Interior Arrangement: Sub-Treasury 5x5½ in., 1 Drawer with Lock, 5x3 in., 1 Pigeon Hole 5x3 in., 1 Book Space 5x11 in..... 80.00

Shipped F. O. B. Minneapolis, Minn.

Medium Wall Safes.

NORTHWESTERN SAFE MFG. CO.'S



Nos. 305 and 306.

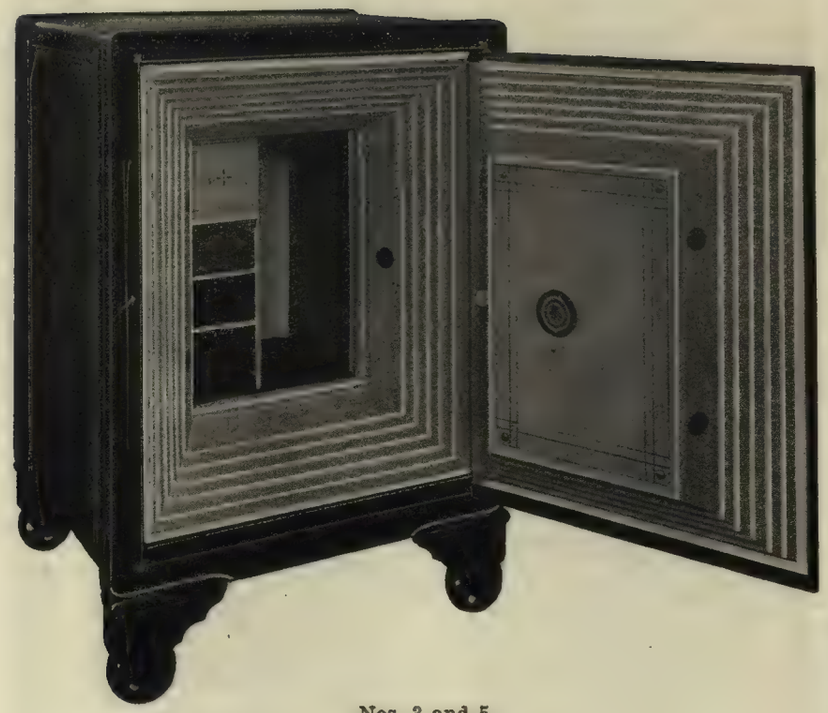
No. 309.

	Each
No. 304—Outside Measurement, 33¾ in. High, 23½ in. Wide, 24 in. Deep; Inside Measurement, 18½ in. High, 15¾ in. Wide, 14 in. Deep; with Inside Door, Approx. Weight 950 Lbs.; Interior Arrangement: Sub-Treasury 5x5¼ in., 1 Drawer (with Lock) 5x3 in., 1 Pigeon Hole 5x3 in., 1 Pigeon Hole 5x5 in., 1 Book Space 9¼x13¾ in., 1 Shelf 9¼x3¼ in.	$ 93.25
No. 305—Outside Measurement, 37 in. High, 25¼ in. Wide, 25 in. Deep; Inside Measurement, 21½ in. High, 17⅜ in. Wide, 15 in. Deep; with Inside Door, Approx. Weight 1220 Lbs.; Interior Arrangement: Sub-Treasury 5x5¼ in., 1 Drawer (with Lock) 5x3 in., 2 Pigeon Holes, One 5x3 in. and One 5x8¼ in., 1 Book Space 11x15¾ in. and 1 Shelf 11x4¾ in.	106.75
No. 306—Outside Measurement, 39¼ in. High, 26¼ in. Wide, 25 in. Deep; Inside Measurement, 24½ in. High, 19 in. Wide, 16 in. Deep, with Inside Door, Approx. Weight 1350 Lbs.; Interior Arrangement: Sub-Treasury 5x5¼ in., 1 Drawer (with Lock) 5x3 in., 1 Pigeon Hole 5x3 in., 1 Shelf Pigeon Hole 12¾x4¾ in., 2 Book Spaces, One 5x11 in., One 12¾x18½ in.	125.50
No. 307—Outside Measurement, 41¾ in. High, 29¼ in. Wide, 26 in. Deep; Inside Measurement, 26⅜ in. High, 21⅜ in. Wide, 16 in. Deep; with Inside Door, Approx. Weight 1440 Lbs.; Interior Arrangement: Sub-Treasury 5¾x6½ in., 5 Pigeon Holes, Two 7x5 in., Two 5¾x5 in., One 5¾x7 in., 2 Book Spaces 7x20½ in., 1 Lock Drawer 5x3 in.	151.25
No. 309—Outside Measurement, 62 in. High, 28 in. Wide, 26 in. Deep; Inside Measurement, 48 in. High, 20½ in. Wide, 17 in. Deep; with Inside Door, Approx. Weight 2290 Lbs.; Interior Arrangement: Sub-Treasury 8x10 in., 4 Pigeon Holes 4x4¾ in., 4 Book Spaces, Two 11x19½ in., Two 11x13½ in., 2 Lock Drawers 8x3 in.	213.50
No. 310—Outside Measurement, 53½ in. High, 36 in. Wide, 27 in. Deep; Inside Measurement, 38 in. High, 27½ in. Wide, 17 in. Deep; with Inside Door, Approx. Weight 2250 Lbs.; Interior Arrangement: Sub-Treasury 8x10 in., 11 Pigeon Holes, Five 4x10 in., Six 5x3 in., 3 Book Spaces, Two 9x21 in., One 8x15 in., 2 Lock Drawers 5x4¾ in.	248.75

Shipped F. O. B. Minneapolis, Minn.

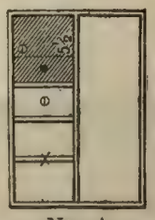
Heavy Wall Safes.

NORTHWESTERN SAFE MFG. CO.'S



Nos. 3 and 5.

Nos. 1 and 2.



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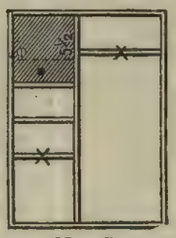

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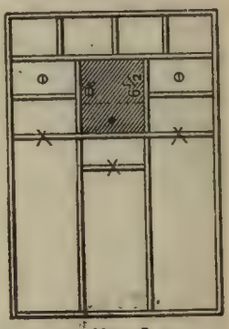

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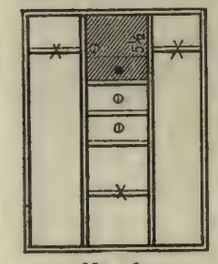

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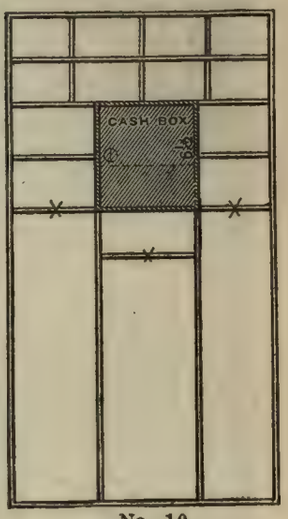

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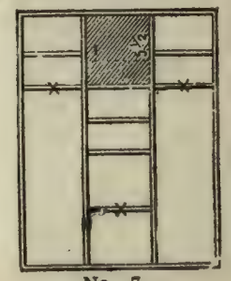


No. 7.

Nos.	Outside Measurement, Inches.	Inside Measurement, Inches.	Approximate Weight, Pounds.	Without Inside Door	With Inside Door
1	25½x16½x17	12½x10 x 9	400	$ 62.25	.....
2	33½x22¼x21¾	14 x11 x11	800	75.60	.....
3	35½x24¾x23¾	16 x12 x12	1250	89.00	$ 95.00
5	43 x29 x27¾	20¾x14¾x14	2210	124.50	131.50
6	44 x30¾x28¾	22⅝x16¾x14	2330	137.75	149.25
7	46½x31¾x28¾	24 x17 x15	2250	164.50	178.00
8	52 x35¾x28¾	29¼x21 x15	2600	206.75	213.50
10	56 x34¾x28¾	34 x20 x15	2800	222.25	231.00
61	56 x34¾x28¾	34 x26 x15	2800	356.00	356.00
64	74 x51 x37	47½x35½x18	7500	533.00	533.00

NOTE—No. 64 has Double Outside and Inside Doors.

Vestibule Vault Doors.

FIRE-PROOF

No. 1—Vault Front, Closed.

No. 1—Vault Front, Open.

Standard.

Construction:—Outer door plate formed of $\frac{7}{16}$ in. Bessemer steel, reinforced on sides, top and bottom by 2x2x¼ in. angles, making door $\frac{7}{16}$ in. thick on front edge. Front frame formed of 4x¼ in. Bessemer steel, riveted at bottom to 2¾x⅜ in. sill bar. 1¾x1¾x⅛ in. steel angles are securely riveted to the frame bars forming the step for the door. Sides, top and bottom are formed of No. 16 steel, reinforced at corners by 1¾x1¾x¼ in. angles and fastened to front and rear with 1¾x1¾x¼ in. angles. To the angles 3½x¼ in. removable bars are fastened. The bars are arranged so that they may be removed until the vestibule is set into the wall after which they are replaced to hold the vestibule securely in position. The outer door is hung on two heavy hinges. Doors swing to the right unless otherwise specified.

Bolt Work:—Outer door is locked with six 1 in. round steel bolts, heavily nickel plated, four across, one up and one down, operating through an angle bolt frame. Bolts are checked by Yale Four Tumbler Combination Lock, and thrown by Nickel Plated Drop Handle.

Inside Doors:—Are formed of $\frac{3}{16}$ in. Bessemer steel and fold back into the vestibule. Inside doors locked by up and down flat bolt work, checked by key lock.

Decoration:—Outer and Inner Doors finished in jet black, gold striped. Vestibule painted inside and outside, fern green if desired.

	Each
No. 1—Standard Size, Wall Opening Required 78½ in. High, 32½ in. Wide, 20 in. Deep, Clear Opening Through Vestibule 75 in. High, 28 in. Wide	**$135.00**

Approximate Weight 700 Pounds.

Shipped Crated, F. O. B. Minneapolis, Minn.

DEPARTMENT No. 8

POCKET AND TABLE CUTLERY

8

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 8

POCKET AND TABLE CUTLERY

RAZORS, SCISSORS, ALARM CLOCKS, WATCHES, HARMONICAS, NUT CRACKS AND PICKS

JOHN PRITZLAFF HARDWARE CO.
MILWAUKEE, WIS.

INDEX.

A

Page

Alarm Clocks 1707, 1708
Aluminum Spoons 1701
Assortments—
Kitchen Knife 1667
Ladies' Scissor 1656
Lather Brush 1642
Match Safe 1703
Putty Knife 1662
Razor 1632
Scissor 1656
Shear 1651
Shear and Scissor..... 1655
Tweezer 1661
Attachments—
Grinder 1646
Horse Clipping 1647
Sheep Shearing 1645
Automatic Knife Grinders..... 1646

B

Baby Spoons...1685, 1687, 1692, 1696
Banana Knives 1666
Bankers' Shears 1651
Barbers' Clippers 1644
Barbers' Shears 1652
Bent Trimmers 1650, 1651
Berry Spoons—
Silver Plated .....
1685, 1688, 1692, 1696, 1699
Sterling Silver 1700
Bird Carvers 1677
Bird Shears 1678
Blades—
Illustration Pocket Knife.. 1601
Safety Razor .....1633 to 1635
Boning Knives 1670, 1671
Bouillon Spoons .....
1683, 1686, 1690, 1694, 1698
Bread Knives 1668
Breakfast Carvers 1676
Brushes—
Lather 1641, 1642
Shaving 1641, 1642
Butchers' Knives .....1670 to 1672
Butchers' Steels 1678
Butter Knife and Sugar Shell Set
1684, 1687, 1690, 1694, 1698
Butter Knives—
Individual, Silver Plated..
1679, 1684, 1690, 1694, 1698
Silver Plated .....
1679, 1682, 1684, 1687,
1688, 1690, 1694, 1698
Sterling Silver 1700
Butter Spreaders .....
1679, 1684, 1690, 1694, 1698
Buttonhole Scissors 1654

C

Camp Carvers 1669
Camping Knives and Forks..... 1626
Carborundum Knife Sharpeners.. 1678
Carborundum Razor Strops..... 1639
Carvers—
Bird 1677
Breakfast 1676
Camp 1669
Carving Knives and Forks..1674, 1676
Carving Knives, Forks and Steels
1673 to 1676
Cases—
Counter, Watch 1706
Knife and Fork, Leather.. 1679
Chains—Key 1704
Chamois Skins 1640
Cheese Knives 1666
Chests—Silverware 1685
Children's Knives and Forks..... 1665

C

Page

Children's Knives, Forks and
Spoons 1701
Child's Sets .....
1687, 1692, 1696, 1698, 1701
Clippers—
Fetlock 1644
Hair 1644
Horse 1644
Nail 1658
Toilet 1644
Clipping Machine Extras....1645, 1646
Clipping Machine Knives..... 1646
Clipping Machines—Horse..1645, 1646
Clocks—Alarm 1707, 1708
Cold Meat Forks—
Silver Plated .....
1684, 1687, 1691, 1695, 1699
Sterling Silver 1700
Combs—Toilet Clipper 1644
Combination Set—Butter Knife
and Sugar Shell.....
1684, 1687, 1690, 1694, 1698
Cooks' Knives 1668
Corn Knives 1611, 1628, 1661
Corn Razors 1632
Counter Watch Case..... 1706
Crackers—Nut 1702
Cracks—
Nut 1702
Nut Pick and..... 1702
Cream Ladles—Silver Plated....
1685, 1688, 1692, 1696, 1699
Cuticle Knives 1661
Cuticle Scissors 1658
Cutlery—
Pocket .....1601 to 1629
Table .....1663 to 1665

D

Deer Foot Hunting Knives..... 1626
Dental Floats 1646
Dessert Forks—Sterling Silver... 1700
Dessert Knives and Forks...1665,
1680, 1681, 1689, 1693, 1697
Dessert Spoons—
Aluminum 1701
Nickel Silver 1701
Silver Plated..1682, 1683,
1686, 1688, 1689, 1693, 1697
Sterling Silver 1700
Display Case—Combination Ra-
zor Strop 1639
Display Hanger—Combination Ra-
zor Strop, ... 1639
Dry Razor Hones..... 1640

E

Electricians' Knives 1621
Embroidery Scissors 1654
Extras—
Clipping Machine 1645
Grinder Attachment 1646
Grinder 1646
Toilet Clippers 1644
Shearing Machine...1647, 1648
Eye Shields 1703

F

Fetlock Clippers 1644
Fetlock Shears 1649
Files—Manicure 1661
Five O'clock Tea Spoons.....
1689, 1693, 1697
Floats—Dental 1646
Food Pushers 1685

F

Page

Forks—
Camping Knives and..... 1626
Carving Knives, Steel and.
1673 to 1676
Children's 1665
Cold Meat, Silver Plated..
1684, 1687, 1691, 1695, 1699
Cold Meat, Sterling Silver. 1700
Dessert Knives and..1665,
1680, 1681, 1689, 1693, 1697
Dessert, Sterling Silver... 1700
Ice Cream 1695
Kitchen 1666
Nickel Silver Knives and..
1681, 1682
One Arm Man, and Knife.. 1666
Oyster, Silver Plated.....
1687, 1691, 1695, 1699
Oyster, Sterling Silver.... 1700
Pearl Handle 1679
Pickle .....
1684, 1687, 1691, 1695, 1699
Pie 1691, 1695
Salad, Individual .....
1684, 1691, 1695, 1699
Silver Plated..1679, 1680,
1683, 1686, 1689, 1693, 1697
Silver Plated, and Knives.
1679, to 1681, 1683,
1686, 1689, 1693, 1697
Table Knives and.1663 to 1665
Table, Sterling Silver..... 1700
Tinned Knives and..... 1682
French Cook Knives..... 1668
Fruit Knives...1679, 1690, 1694, 1698

G

Game Shears 1678
Goggles 1703
Grape Fruit Knives..... 1666
Grape Fruit Spoons.....
1683, 1686, 1689, 1693, 1697
Gravy Ladles—
Silver Plated .....
1685, 1688, 1692, 1696, 1699
Sterling Silver 1700
Grinder Attachment 1646
Grinder Attachment Parts..... 1646
Grinder Parts 1646
Grinders—Shearing Knife 1646

H

Hair Clippers 1644
Ham Slicers 1669
Handles—Razor 1632
Harmonicas 1705
Heads—
Horse Clipping Machine... 1646
Sheep Shearing Machine.. 1648
Hones—
Carborundum Razor 1640
Razor 1640
Hooks—Key Ring 1704
Horse Clippers 1644
Horse Clipping Attachment..... 1647
Horse Clipping Machine....1645, 1646
Horse Clipping Machine Parts.... 1645
Hunting Knives 1621, 1626

I

Ice Cream Forks 1695
Ice Cream Server....1692, 1696, 1699
Ice Tea Spoons 1694
Individual Butter Knives..... 1684
Individual Butter Spreaders ....
1679, 1690, 1694, 1698
Individual Salad Forks .....
1684, 1691, 1695, 1699
Ingersoll Watches 1706
Illustrations—Pocket Knife Blades 1601

K

Page

Key Chains 1704
Key Ring Hooks 1704
Key Rings 1704
Kindergarten Scissors 1655
Kitchen Forks 1666
Kitchen Knives 1667
Kitchen Sets 1668
Kits—Tool 1626
Knife Assortment—Kitchen 1667
Knife Grinders—Shearing 1646
Knife Purses 1629
Knife Sets 1668
Knife Sharpeners—Carborundum. 1678
Knives—
Banana 1666
Boning 1670, 1671
Bread 1668
Butcher .....1670 to 1672
Butter, Silver Plated.1679, 1682, 1684, 1687, 1688, 1690, 1694, 1698
Butter, Sterling Silver.... 1700
Camp Carver 1669
Camping, and Forks..... 1626
Carving and Forks..1674, 1676
Carving, Forks and Steels. 1673 to 1676
Cheese 1666
Children's and Forks..... 1665
Cook 1668
Corn 1611, 1628, 1661
Cuticle 1661
Deer Foot Hunting..... 1626
Dessert, and Fork...1665, 1689
Electricians' 1621
French Cook's 1668
Fruit...1679, 1690, 1694, 1698
Grape Fruit 1666
Ham Slicer 1669
Hunting 1621, 1626
Individual Butter 1679, 1684, 1690, 1694, 1698
Kitchen 1667
Lunch 1669
Nickel Silver, and Forks.. 1681, 1682
Office 1611, 1619, 1628
One Arm Man's..... 1666
Orange 1691
Oyster 1666
Pallet 1669
Paring 1667
Pearl Handle 1679
Plated 1679
Pocket .....1601 to 1629
Pruning 1601, 1621
Push Button 1626
Putty 1662
Ribbing 1671
Royal Slicers 1669
Scraping 1662
Shoe 1662
Silver Plated..1679, 1680, 1683, 1686, 1689, 1693, 1697
Silver Plated, and Forks, 1679 to 1681, 1683, 1686, 1689, 1693, 1697
Slicers 1669
Sloyd 1626
Skinning 1670, 1671
Spatulas 1669
Splitting 1672
Steak 1670
Sticking 1670, 1671
Table, and Forks..1663 to 1665
Table Only 1665
Tinned, and Forks..... 1682
Tool 1621, 1626
Tool Kit, Pocket..... 1626
Wood Carvers 1626
Knives and Forks—
Camping 1626
Carving .....1673 to 1676
Children's 1701
Dessert 1665, 1680, 1681, 1689, 1693, 1697
Nickel Silver 1681, 1682

K

Page

Knives and Forks—*Continued.*
One Arm Man's..... 1666
Pearl Handle 1679
Silver Plated 1679 to 1681, 1683, 1686, 1689, 1693, 1697
Table .....1663 to 1665
Tinned 1682

L

Ladies' Scissors 1653
Ladles—
Cream, Silver Plated..... 1685, 1688, 1692, 1696, 1699
Gravy, Silver Plated..... 1685, 1688, 1692, 1696, 1699
Gravy, Sterling Silver.... 1700
Soup, Silver Plated..... 1685, 1688, 1692, 1696, 1699
Lather Brushes 1641, 1642
Library Sets 1657
Lunch Knives 1669

M

Machine Heads—
Horse Clipping 1646
Sheep Shearing 1648
Machines—
Clipping 1645, 1646
Horse Clipping 1645, 1646
Sheep Shearing 1647, 1648
Manicure Files 1661
Manicure Sets 1659, 1660
Match Safe Assortments..... 1703
Match Safes 1703
Meat Forks—Cold 1684, 1691, 1695, 1699
Medium Forks—Sterling Silver.. 1700
Mugs—Shaving 1643
Mule Shears 1649

N

Nail Clippers 1658
Nail Nippers 1658
Nail Scissors 1658
Nickel Silver Knives and Forks.. 1681, 1682
Nickel Silver Spoons..... 1701
Nippers—Nail 1658
Nut Cracks 1702
Nut Picks 1702
Nut Picks and Cracks..... 1702

O

Office Knives 1611, 1619, 1628
One Arm Man's Knife and Fork.. 1666
Orange Knives 1691
Orange Spoons 1683, 1686, 1689, 1693, 1697
Oyster Forks—
Silver Plated 1687, 1691, 1695, 1699
Sterling Silver 1700
Oyster Knives 1666

P

Pallet Knives 1669
Paper Shears 1651
Paring Knives 1667
Parts—
Clipping Machine 1645
Grinder Attachment 1646
Grinder 1646
Sheep Shearing Machine.. 1647, 1648
Pearl Handle Knives and Forks.. 1679
Pickle Forks 1684, 1687, 1691, 1695, 1699
Picks—Nut 1702
Picks and Cracks—Nut..... 1702
Pie Forks 1691, 1695
Pie Servers 1692, 1696, 1699
Plates—Toilet Clipper 1644
Plated Knives and Forks.1679 to 1681
Plated Ware—Silver ....1679 to 1699

P

Page

Pocket Cutlery .....1601 to 1629
Pocket Knives .....1601 to 1629
Pocket Match Safes 1703
Pocket Scissors 1655
Powder—Shaving 1643
Pruning Knives 1601, 1621
Purses—Knife 1629
Push Button Knives..... 1626
Pushers—Food 1685
Putty Knives 1662

R

Razor Assortments 1632
Razor Blades—Safety....1633 to 1635
Razor Handles 1632
Razor Hones 1640
Razor Stroppers 1636
Razor Strops ....1633, 1637 to 1639
Razorine 1643
Razors .....1630 to 1635
Ribbing Knives 1671
Ring Hooks—Key 1704
Rings—Key 1704
Roaching Shears 1649

S

Safes—Match 1703
Safety Razor Blades ....1633 to 1635
Safety Razor Strops 1633
Safety Razors .....1633 to 1635
Salad Forks—Individual 1684, 1691, 1695, 1699
School Scissors—Kindergarten... 1655
Scissor Assortment—Ladies'..... 1656
Scissors—
Assortment, Ladies' 1656
Button Hole 1654
Cuticle 1659
Embroidery 1654
Kindergarten 1655
Ladies' 1653
Ladies', (in Case)..... 1656
Nail 1659
Pocket 1655
School 1655
Scraping Knives 1662
Servers—
Ice Cream ...1692, 1696, 1699
Pie 1692, 1696, 1699
Sets—
Butter Knife and Sugar Shell 1684, 1687, 1690, 1694, 1698
Child's..1687, 1692, 1696, 1698
Kitchen 1668
Knife 1668
Library 1657
Manicure 1659, 1660
Sharpeners—Carborundum Knife. 1678
Shaving Brushes 1641, 1642
Shaving Mug 1643
Shaving Powder 1643
Shaving Soap 1643
Shaving Stick 1643
Shear and Scissor Assortment.... 1655
Shear Assortments 1651
Shearing Knife Grinders..... 1646
Shearing Machine—Sheep..1647, 1648
Shearing Machine Parts....1647, 1648
Shears—
Assortment of 1651
Bankers' 1651
Barbers' 1652
Bent Trimmers' 1650, 1651
Bird 1678
Fetlock 1649
Game 1678
Mule 1649
Paper 1651
Roaching 1649
Sheep 1649
Straight Trimmer...1650, 1651
Tailors' 1652
Trimmers', Bent 1650, 1651
Trimmers', Straight..1650, 1651

S

Page

Sheep Shearing Machines...1647, 1648
Sheep Shears 1649
Shells—
Sugar, Silver Plated.....
1682, 1684, 1687, 1688, 1690, 1694, 1698
Sugar, Sterling Silver.... 1700
Shields—Eye 1703
Shoe Knives 1662
Silver Plated Knives and Forks..
1680, 1681, 1683, 1686, 1689, 1693, 1697
Silver Plated Ware.....1679 to 1699
Silver Ware Chests..... 1685
Silver Ware—Sterling 1700
Skinning Knives 1670, 1671
Skins—Chamois 1640
Slicers—
Ham 1669
Royal 1669
Sloyd Knives 1626
Soap—Shaving 1643
Soup Ladles—Silver Plated.....
1685, 1688, 1692, 1696, 1699
Soup Spoons 1689, 1693, 1697
Spatulas 1669
Splitting Knives 1672
Spoons—
Aluminum 1701
Baby...1685, 1687, 1692, 1696
Berry, Silver Plated.....
1685, 1688, 1692, 1696, 1699
Berry, Sterling 1700
Bouillon .....
1683, 1686, 1690, 1694, 1698
Dessert 1682, 1683, 1686, 1688, 1689, 1693, 1697, 1700, 1701
Five O'clock Tea.....
1689, 1693, 1697

S

Page

Spoons—*Continued.*
Grape Fruit .....
1683, 1686, 1689, 1693, 1697
Ice Tea 1694
Nickel Silver 1701
Orange .....
1683, 1686, 1689, 1693, 1697
Soup 1689, 1693, 1697
Sterling Silver 1700
Table .....
1682, 1683, 1686, 1688, 1689, 1693, 1697, 1700, 1701
Tea .....
1682, 1683, 1686, 1688, 1689, 1693, 1697, 1700, 1701
Tea, Ice 1694
Tinned 1701
Spreaders—Individual Butter....
1679, 1684, 1690, 1694, 1698
Springs—Clipper 1644
Steak Knives 1670
Steels—
Butcher 1678
Table 1678
Sterling Silver Ware..... 1700
Sticking Knives 1670, 1671
Sticks—Shaving 1643
Straight Trimmers 1650, 1651
Stroppers—Razor 1636
Strops—Razor ....1633, 1637 to 1639
Sugar Shells—
Silver Plated..1682, 1684, 1687, 1688, 1690, 1694, 1698
Sterling Silver 1700
Sugar Tongs 1690, 1695, 1698

T

Table Cutlery .....1663 to 1665
Table Knives and Forks. 1663, 1664

T

Page

Table Knives Only 1665
Table Spoons—
Aluminum 1701
Nickel Silver 1701
Silver Plated..1682, 1683, 1686, 1688, 1689, 1693, 1697
Sterling Silver 1700
Tinned 1701
Table Steels 1678
Tailor Shears 1652
Tea Spoons—
Aluminum 1701
Ice 1694
Nickel Silver 1701
Silver Plated..1682, 1683, 1686, 1688, 1689, 1693, 1697
Sterling Silver 1700
Tinned 1701
Tinned Knives and Forks..... 1682
Tinned Spoons 1701
Toilet Clipper Combs..... 1644
Toilet Clippers 1644
Toilet Clipper Parts..... 1644
Tongs—Sugar 1690, 1695, 1698
Tool Kits—Pocket Knife 1626
Tool Knives 1626
Trimmers—
Bent 1650, 1651
Straight 1650, 1651
Tweezers 1661

W

Ware—
Silver Plated ....1679 to 1699
Sterling Silver 1700
Watch Cases 1706
Watch Fobs 1706
Watches 1706
Wood Carvers' Knives..... 1626

Numerical Index of EVERKEEN Pocket Knives.

No.	Page	No.	Page	No.	Page	No.	Page	No.	Page	No.	Page
E116	1611	E397	1610	E2252	1604	E2502	1606	E2813	1606	E3221	1608
E121	1601	E407	1611	E2277	1611	E2512	1608	E2814	1606	E3232	1609
E124	1601	E417	1611	E2282	1604	E2514	1608	E2815	1606	E3234	1609
E131	1601	E437	1611	E2292	1604	E2516	1608	E2826	1611	E3236	1609
E134	1601	E457	1611	E2295	1604	E2522	1605	E2832	1607	E3237	1610
E141	1601	E467	1611	E2304	1607	E2542	1602	E2846	1607	E3247	1610
E151	1601	E1011	1607	E2307	1607	E2551	1602	E2847	1607	E3252	1609
E164	1601	E1014	1607	E2314	1607	E2554	1602	E2852	1607	E3254	1609
E201	1603	E2005	1607	E2322	1605	E2561	1603	E2854	1607	E3267	1611
E202	1602	E2015	1607	E2331	1602	E2571	1602	E2861	1606	E3277	1611
E212	1605	E2035	1608	E2332	1605	E2572	1602	E2864	1606	E3287	1611
E222	1605	E2101	1603	E2352	1607	E2581	1603	E2867	1606	E3307	1610
E231	1603	E2102	1603	E2371	1602	E2582	1603	E2872	1603	E3324	1611
E242	1606	E2112	1605	E2372	1602	E2584	1603	E2884	1604	E3332	1609
E244	1606	E2114	1606	E2381	1606	E2592	1604	E2894	1605	E3334	1609
E251	1605	E2122	1604	E2384	1604	E2594	1604	E2902	1602	E3354	1609
E262	1603	E2127	1604	E2392	1604	E2602	1608	E2912	1605	E3357	1609
E272	1605	E2135	1604	E2396	1604	E2604	1605	E2916	1605	E3364	1610
E282	1605	E2142	1607	E2397	1604	E2605	1608	E2922	1603	E3365	1610
E286	1605	E2144	1607	E2401	1602	E2622	1606	E2932	1603	E3367	1610
E291	1605	E2145	1607	E2411	1604	E2636	1603	E2934	1603	E3374	1609
E312	1608	E2154	1604	E2412	1607	E2641	1602	E2941	1606	E3377	1610
E317	1610	E2158	1604	E2414	1604	E2654	1604	E2942	1606	E3384	1610
E321	1608	E2164	1606	E2417	1607	E2657	1604	E2944	1606	E3387	1610
E322	1609	E2172	1605	E2427	1604	E2664	1606	E3007	1610	E3392	1609
E332	1611	E2182	1607	E2431	1602	E2672	1608	E3107	1610	E3402	1609
E337	1611	E2195	1606	E2432	1602	E2684	1608	E3125	1610	E3404	1609
E344	1610	E2202	1606	E2441	1602	E2691	1603	E3127	1610	E3442	1608
E345	1610	E2212	1607	E2451	1602	E2694	1603	E3132	1609	E3444	1608
E347	1610	E2214	1607	E2452	1602	E2724	1606	E3137	1609	E3454	1608
E348	1610	E2217	1607	E2462	1602	E2734	1605	E3157	1611	E3462	1609
E351	1609	E2221	1607	E2472	1603	E2741	1603	E3167	1611	E3464	1609
E355	1610	E2227	1607	E2481	1602	E2767	1606	E3174	1609	E3554	1608
E361	1610	E2232	1607	E2482	1602	E2774	1608	E3184	1609	E3564	1608
E382	1608	E2237	1606	E2492	1602	E2794	1604	E3212	1608	E3574	1608
E384	1608	E2244	1607	E2501	1605	E2807	1606	E3217	1609	E3662	1609

Numerical Index of New York Pocket Knives.

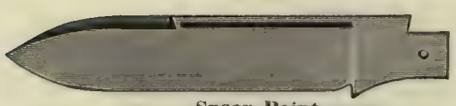
No.	Page	No.	Page	No.	Page	No.	Page	No.	Page	No.	Page
125	1612	420	1625	2203	1616	2536	1617	3061	1619	3750	1623
142	1621	423	1625	2206	1616	2538	1617	3063	1619	3771	1623
187	1621	433	1624	2211	1621	2542	1618	3071	1623	3772	1623
188	1621	444	1625	2222	1615	2550	1617	3072	1623	3815	1620
192	1622	451	1625	2226	1615	2573	1613	3081	1623	3873	1620
195	1622	456	1625	2229	1615	2585	1615	3092	1622	3900	1624
200	1619	476	1625	2233	1619	2587	1615	3104	1623	3901	1624
205	1613	483	1624	2262	1622	2602	1617	3114	1619	3915	1623
209	1612	485	1624	2265	1622	2636	1617	3117	1619	4016	1625
210	1612	634	1618	2271	1624	2653	1613	3126	1619	4018	1621
218	1622	646	1615	2273	1624	2656	1618	3127	1619	4037	1625
219	1618	657	1615	2275	1624	2659	1618	3136	1620	4057	1625
225	1612	658	1615	2279	1624	2706	1617	3144	1619	4117	1625
226	1612	1017	1612	2287	1614	2710	1616	3184	1620	4356	1624
228	1616	1018	1612	2289	1614	2726	1617	3187	1620	4772	1625
233	1613	1073	1621	2295	1614	2731	1617	3189	1620	4773	1625
237	1614	1156	1612	2296	1614	2733	1617	3193	1620	6024	1614
239	1614	1365	1621	2328	1618	2741	1612	3204	1620	6026	1614
242	1614	1665	1621	2330	1612	2747	1613	3208	1620	6037	1616
248	1613	1750	1612	2332	1615	2750	1612	3222	1620	6038	1616
254	1614	1755	1612	2335	1615	2755	1612	3226	1619	6042	1619
260	1619	2001	1618	2337	1613	2764	1613	3229	1619	6063	1616
261	1619	2010	1622	2351	1618	2771	1622	3236	1621	6068	1617
264	1612	2020	1618	2352	1618	2803	1617	3240	1621	6074	1617
275	1614	2022	1618	2358	1615	2872	1615	3282	1624	6079	1617
280	1618	2029	1614	2369	1615	2916	1614	3306	1619	6136	1618
290	1622	2034	1614	2370	1615	2925	1616	3310	1622	6140	1616
295	1622	2052	1615	2372	1613	2933	1613	3330	1620	6143	1616
307	1619	2056	1619	2378	1614	2939	1621	3356	1623	6213	1615
311	1620	2063	1622	2390	1622	2953	1615	3359	1623	6235	1618
317	1623	2073	1616	2401	1617	2954	1615	3360	1622	6244	1618
324	1622	2077	1615	2413	1614	2957	1615	3365	1622	6277	1615
351	1624	2083	1622	2420	1616	2998	1616	3367	1622	6278	1615
361	1619	2090	1622	2432	1617	3022	1622	3515	1620	6350	1613
372	1623	2094	1616	2435	1617	3025	1624	3534	1619	6264	1613
376	1620	2109	1614	2478	1621	3034	1624	3605	1625	6376	1614
381	1620	2115	1622	2481	1621	3037	1624	3705	1620	6423	1618
388	1625	2128	1618	2493	1613	3044	1624	3733	1623	6446	1621
397	1623	2146	1614	2515	1616	3048	1623	3743	1623	6556	1613
398	1623	2153	1613	2525	1616	3053	1623	3747	1623	6957	1621
408	1625	2156	1613	2531	1617	3060	1619				

Numerical Index of Miscellaneous Pocket Knives.

No.	Page	No.	Page	No.	Page	No.	Page	No.	Page	No.	Page
042	1627	C257	1628	410	1629	651	1629	1087	1627	2104ST	1628
044	1627	265	1626	465	1629	691	1629	C1100	1626	2107EB	1628
048	1627	C302	1629	470	1628	700	1626	1118	1627	2114EB	1628
67	1626	C304	1629	505ST	1628	747	1627	1427	1627	2114R	1628
090	1628	C307	1629	509	1629	766	1629	01452	1627	2115W	1628
98	1626	C308	1629	510	1629	936R	1627	1459	1627	5475	1629
100	1628	C317	1629	551	1628	946EB	1627	01467	1627	6923	1626
151	1627	C328	1629	566	1628	946ST	1627	1537	1627	7261	1628
C207	1628	C337	1629	574	1628	1000	1626	1898	1626	11289	1628
211	1627	359	1628	575	1628	1005	1626	2101W	1628	27924	1627
221	1627	367P	1628	588	1629						

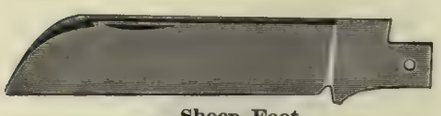
Pocket Knife Blades.

Illustrations Show Different Styles of Blades Used on Evergreen and New York Cutlery Co.'s Knives.

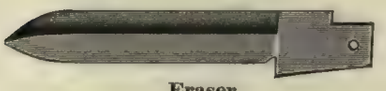


Spear Point.

Saber.



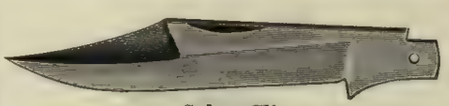
Sheep Foot.



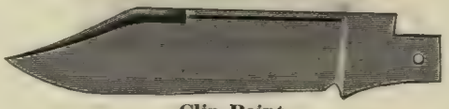
Eraser.

Pen.

File.

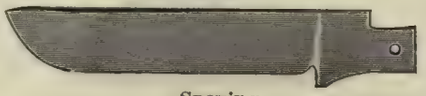


Saber Clip.



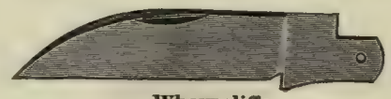
Clip Point.

Budding.

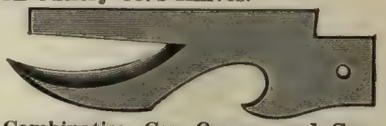


Speying.

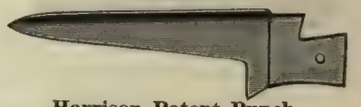
Corn.



Wharncliffe.

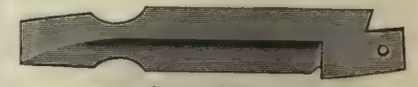


Combination Can Opener and Cap Lifter.

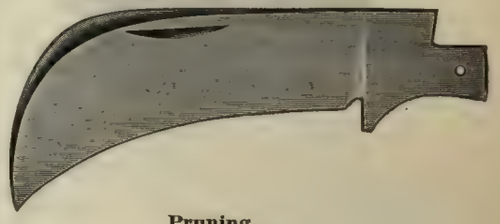


Harrison Patent Punch.

Punch.



Screw Driver.



Pruning.

Pocket Knives.

PRITZLAFF Evergreen WARRANTED

Cuts Half Size.

Evergreen Pocket Knives are forged from the finest quality English Pocket Cutlery Steel. Every detail of their manufacture is carefully executed by skilled workmen of many years' experience. They are unsurpassed for quality, design and finish. Guaranteed to be free from flaws and imperfections.

Glazed Finish, One Blade, Steel Lined, Polished Steel Bolsters.

Per Dozen

No. E164—Stag Handle, 3 in. Long **$4.50**

Weight Per Dozen About ¾ Pound.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E151—Cocoa Handle, 3¼ in. Long **$2.80**

Weight Per Dozen About 1 Pound.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E121—Cocoa Handle, 3½ in. Long **$4.50**

Weight Per Dozen About 1½ Pounds.

One Blade, Half Crocus Polished, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E131—Cocoa Handle, 3⅜ in. Long **$4.50**

Weight Per Dozen About 1½ Pounds.

One Blade, Pruning, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E141—Cocoa Handle, 4 in. Long **$8.90**

Weight Per Dozen About 2⅜ Pounds.

One Blade, Half Crocus Polished, Brass Lined, German Silver Bolster, Detachable Shackle.

Per Dozen

No. E134—Stag Handle, 4 in. Long **$10.00**

Weight Per Dozen About 2¼ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster with Spring Lock Back.

Per Dozen

No. E124—Stag Handle, 4½ in. Long **$15.60**

Weight Per Dozen About 2½ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

PRITZLAFF WARRANTED

Cuts Half Size.

No. E2431.

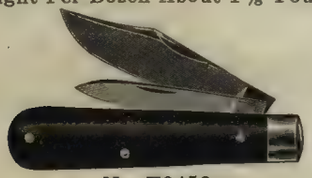
Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2431—Cocoa Handle, 3⅜ in. Long **$4.50**

No. E2432—Ebony Handle, 3⅜ in. Long **4.50**

Weight Per Dozen About 1⅝ Pounds.



No. E2452.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2451—Cocoa Handle, 3⅜ in. Long **$4.50**

No. E2452—Ebony Handle, 3⅜ in. Long **4.50**

Weight Per Dozen About 1⅝ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2441—Cocoa Handle, 3⅜ in. Long **$4.50**

Weight Per Dozen About 1⅝ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster, with Bright Steel Chain.

Per Dozen

No. E2331—Cocoa Handle, 3⅜ in. Long **$5.90**

Weight Per Dozen About 2⅛ Pounds.

No. E2371.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2371—Cocoa Handle, 3⅝ in. Long **$6.70**

No. E2372—Ebony Handle, 3⅝ in. Long **6.70**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2542—Ebony Handle, 3⅜ in. Long **$7.25**

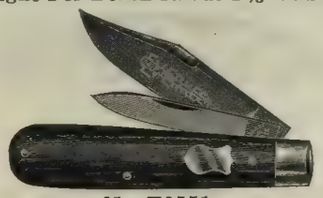
Weight Per Dozen About 1⅞ Pounds.

Two Blades, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2641—Cocoa Handle, 3¼ in. Long **$7.25**

Weight Per Dozen About 1⅝ Pounds.



No. E2551.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E2551—Cocoa Handle, 3⅜ in. Long **$6.70**

No. E2554—Stag Handle, 3⅜ in. Long **7.80**

Weight Per Dozen About 2 Pounds.

No. E2572.

Two Blades, Half Crocus Polished. Brass Lined, German Silver Bolster.

Per Dozen

No. E2571—Cocoa Handle, 3¼ in. Long **$7.80**

No. E2572—Ebony Handle, 3¼ in. Long **7.80**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. E2401—Cocoa Handle, 3⅜ in. Long **$8.45**

Weight Per Dozen About 1½ Pounds.

All Above, One-half Dozen in a Box.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. E2902—Ebony Handle, 3⅝ in. Long **$8.90**

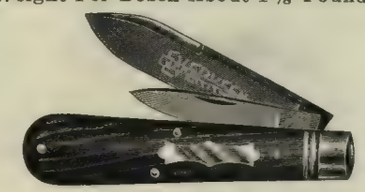
Weight Per Dozen About 2½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2462—Ebony Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 1⅞ Pounds.



No. E2481.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2481—Cocoa Handle, 3⅝ in. Long **$8.90**

No. E2482—Ebony Handle, 3⅝ in. Long **8.90**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2492—Ebony Handle, 3⅝ in. Long **$8.90**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E202—Ebony Handle, 4 in. Long **$10.00**

Weight Per Dozen About 3 Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. E201—Cocoa Handle, 3¾ in. Long **$8.90**

Weight Per Dozen About 3 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E262—Ebony Handle, 4 in. Long **$13.35**

Weight Per Dozen About 2¾ Pounds.

No. E2934.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2932—Ebony Handle, 3⅞ in. Long **$13.35**

No. E2934—Stag Handle, 3⅞ in. Long **14.50**

Weight Per Dozen About 2½ Pounds.

Two Blades, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. E2922—Ebony Handle, 3¾ in. Long **$8.90**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. E2472—Ebony Handle, 3¾ in. Long **$12.25**

Weight Per Dozen About 2½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E231—Ebony Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2101—Cocoa Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2102—Ebony Handle, 3½ in. Long **$11.15**

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2691—Cocoa Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2694—Stag Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2¼ Pounds.

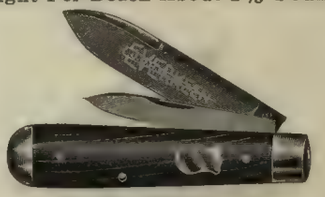
All Above, One-half Dozen in a Box.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2741—Cocoa Handle, 3½ in. Long **$9.50**

Weight Per Dozen About 1⅞ Pounds.



No. E2581.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

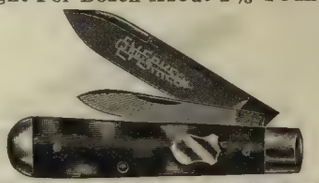
Per Dozen

No. E2581—Cocoa Handle, 3½ in. Long **$8.90**

No. E2582—Ebony Handle, 3½ in. Long **8.90**

No. E2584—Stag Handle, 3½ in. Long **8.90**

Weight Per Dozen About 2⅛ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2636—Shell Celluloid Handle, 3⅜ in. Long..... **$10.00**

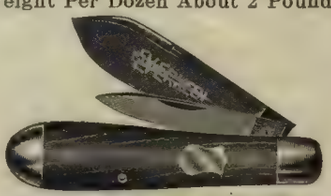
Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2872—Ebony Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2 Pounds.



Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2561—Cocoa Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2⅛ Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2884—Stag Handle, 3⅝ in. Long **$8.90**

Weight Per Dozen About 2 Pounds.

No. E2414.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2411—Cocoa Handle, 3⅝ in. Long **$8.90**

No. E2414—Stag Handle, 3⅝ in. Long **9.50**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2154—Stag Handle, 3⅝ in. Long **$12.25**

Weight Per Dozen About 2 Pounds.

No. E2295.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2292—Ebony Handle, 3¾ in. Long ..... **$ 8.90**

No. E2295—Smoked Pearl Handle, 3¾ in. Long **11.15**

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

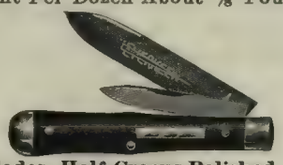
No. E2135—Mottled Celluloid Handle, 3⅝ in. Long **$11.15**

Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2158—Horn Handle, 2¾ in. Long **$9.50**

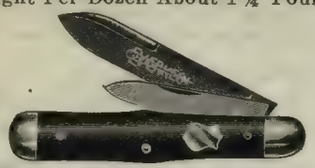
Weight Per Dozen About ⅞ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2252—Ebony Handle, 3 in. Long **$8.90**

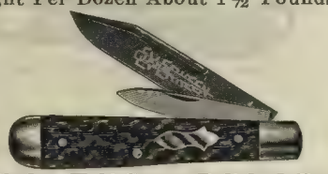
Weight Per Dozen About 1¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2282—Ebony Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About 1½ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2384—Stag Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2794—Stag Handle, 2⅞ in. Long **$10.00**

Weight Per Dozen About 1 Pound.

No. E2592.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2592—Ebony Handle, 3 in. Long **$8.90**

No. E2594—Stag Handle, 3 in. Long **9.50**

Weight Per Dozen About 1⅜ Pounds.

All Above, One-half Dozen in a Box.

No. E2396.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2392—Ebony Handle, 3 in. Long **$8.90**

No. E2396—Ivory Celluloid Handle, 3 in. Long **8.90**

Weight Per Dozen About 1¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2397—Pearl Handle, 3⅛ in. Long **$24.50**

Weight Per Dozen About 1⅜ Pounds.

No. E2657.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2654—Stag Handle, 2⅝ in. Long ..... **$ 8.90**

No. E2657—Pearl Handle, 2⅝ in. Long **15.00**

Weight Per Dozen About ⅞ Pound.

No. E2122.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2122—Ebony Handle, 2⅞ in. Long ..... **$ 8.90**

No. E2127—Pearl Handle, 2⅞ in. Long **15.60**

Weight Per Dozen About ⅞ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen

No. E2427—Pearl Handle, 3 in. Long **$23.35**

Weight Per Dozen About 1¼ Pounds.

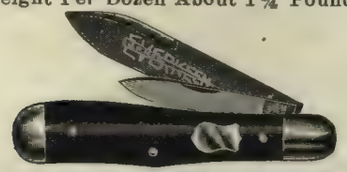
Pocket Knives.

PRITZLAFF EVERGREEN WARRANTED

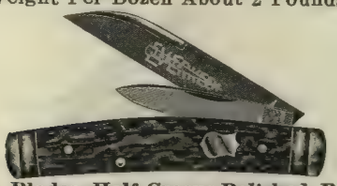
Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E251—Cocoa Handle, 3½ in. Long **$11.15**
Weight Per Dozen About 1¾ Pounds.

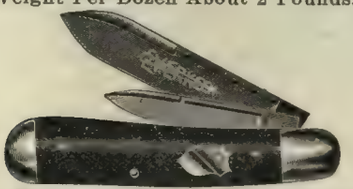
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2894—Stag Handle, 3¾ in. Long **$14.50**
Weight Per Dozen About 1¾ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2322—Ebony Handle, 3⅝ in. Long **$12.80**
Weight Per Dozen About 2 Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2604—Stag Handle, 3⅝ in. Long **$13.35**
Weight Per Dozen About 2 Pounds.

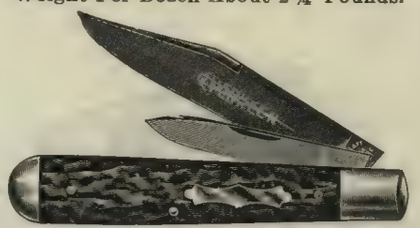


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E222—Ebony Handle, 3¾ in. Long **$13.35**
Weight Per Dozen About 2⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2112—Ebony Handle, 3¾ in. Long **$8.90**
Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.
Per Dozen
No. E2501—Cocoa Handle, 3⅝ in. Long **$8.90**
Weight Per Dozen About 2⅛ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.
Per Dozen
No. E2522—Ebony Handle, 3⅝ in. Long **$8.90**
Weight Per Dozen About 2¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2734—Stag Handle, 4½ in. Long **$15.60**
Weight Per Dozen About 3⅜ Pounds.

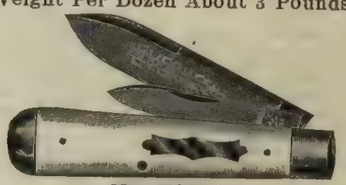
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E212—Ebony Handle, 3⅝ in. Long **$13.35**
Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2172—Ebony Handle, 3¾ in. Long **$13.35**
Weight Per Dozen About 2⅜ Pounds.
All Above, One-half Dozen in a Box.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E291—Cocoa Handle, 3⅝ in. Long **$13.35**
Weight Per Dozen About 2⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2332—Ebony Handle, 3¾ in. Long **$13.35**
Weight Per Dozen About 2⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E272—Ebony Handle, 3¾ in. Long **$13.35**
Weight Per Dozen About 3 Pounds.



No. E2916
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E2912—Ebony Handle, 3¾ in. Long **$10.00**
No. E2916—White Bone Handle, 3¾ in. Long..... **11.15**
Weight Per Dozen About 2½ Pounds.

No. E282.
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. E282—Ebony Handle, 3¾ In. Long **$12.80**
No. E286—White Celluloid Handle, 3¾ in. Long..... **13.35**
Weight Per Dozen About 3 Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2114—Stag Handle, 3⅜ in. Long **$8.90**

Weight Per Dozen About 2½ Pounds.

No. E2942.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap.

Per Dozen

No. E2941—Cocoa Handle, 3⅝ in. Long **$8.90**

No. E2942—Ebony Handle, 3⅝ in. Long **8.90**

No. E2944—Stag Handle, 3⅝ in. Long **9.50**

Weight Per Dozen About 2⅜ Pounds.

No. E244.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E242—Ebony Handle, 3⅝ in. Long **$11.15**

No. E244—Stag Handle, 3⅝ in. Long **12.25**

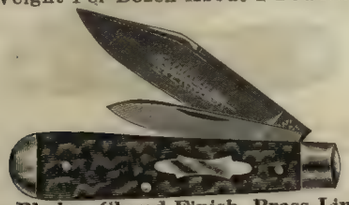
Weight Per Dozen About 2½ Pounds.

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap.

Per Dozen

No. E2164—Stag Handle, 3½ in. Long **$13.35**

Weight Per Dozen About 2 Pounds.



Two Blades, Glazed Finish, Brass Lined. German Silver Bolster and Cap.

Per Dozen

No. E2724—Stag Handle, 3¾ in. Long **$10.60**

Weight Per Dozen About 2½ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. E2381—Cocoa Handle, 4¼ in. Long **$13.35**

Weight Per Dozen About 3⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2202—Ebony Handle, 3⅝ in. Long **$12.25**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2622—Ebony Handle, 3⅞ in. Long **$13.35**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2502—Ebony Handle, 3⅝ in. Long **$13.35**

Weight Per Dozen About 2⅜ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolsters.

Per Dozen

No. E2664—Stag Handle, 4 in. Long **$15.60**

Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2767—Pearl Handle, 3⅜ in. Long **$13.35**

Weight Per Dozen About ⅝ Pound.

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2237—Pearl Handle, 2⅝ in. Long **$17.80**

Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined.

Per Dozen

No. E2195 — Mottled Celluloid Handle, 2¾ in. Long..... **$7.80**

Weight Per Dozen About ½ Pound.

No. E2815.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. E2813—Ivory Celluloid Handle, 2¾ in. Long..... **$8.35**

No. E2814—Stag Handle, 2¾ in. Long **8.35**

No. E2815—Smoked Pearl Handle, 2¾ in. Long..... **8.90**

Weight Per Dozen About ½ Pound.

No. E2861.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2861—Cocoa Handle, 2¾ in. Long ..... **$ 8.00**

No. E2864—Stag Handle, 2¾ in. Long **8.35**

No. E2867—Pearl Handle, 2¾ in. Long **14.50**

Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined, Aluminum Bolsters.

Per Dozen

No. E2807—Pearl Handle, 2¾ in. Long **$16.70**

Weight Per Dozen About ½ Pound.

Pocket Knives.

PRITZLAFF EVERGREEN CUTLERY WARRANTED

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2244—Stag Handle, 2⅞ in. Long **$8.90**

Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2221—Cocoa Handle, 3¼ in. Long **$10.00**

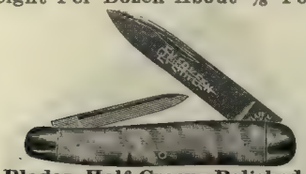
Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2227—Pearl Handle, 3⅛ in. Long **$20.00**

Weight Per Dozen About ⅞ Pound.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2307—Pearl Handle, 3 in. Long **$22.25**

Weight Per Dozen About ⅞ Pound.

No. E2145.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

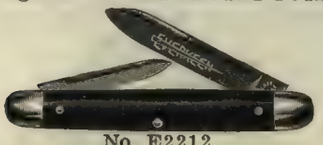
Per Dozen

No. E2142—Ebony Handle, 3¼ in. Long ..... **$ 8.90**

No. E2144—Stag Handle, 3¼ in. Long **8.90**

No. E2145—Smoked Pearl Handle, 3¼ in. Long **11.15**

Weight Per Dozen About 1 Pound.



No. E2212.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2212—Ebony Handle, 3⅜ in. Long ..... **$ 8.98**

No. E2214—Stag Handle, 3⅜ in. Long **8.90**

No. E2217—Pearl Handle, 3⅜ in. Long **23.90**

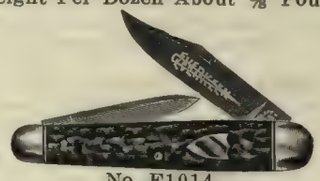
Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. E2015—Striped Celluloid Handle, 3 in. Long **$11.15**

Weight Per Dozen About ⅝ Pound.



No. E1014.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E1011—Cocoa Handle, 3⅜ in. Long ..... **$ 9.50**

No. E1014—Stag Handle, 3⅜ in. Long **10.00**

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. E2314—Stag Handle, 3 in. Long **$8.90**

Weight Per Dozen About ¾ Pound.

Two Blades, Glazed Finish, Brass Lined, Polished Steel Bolsters.

Per Dozen

No. E2232—Ebony Handle, 3¼ in. Long **$8.90**

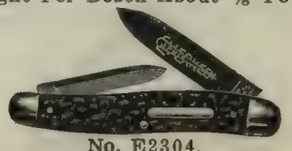
Weight Per Dozen About ⅞ Pound.

Two Blades, Glazed Finish, Brass Lined.

Per Dozen

No. E2182—Ebony Handle, 3 in. Long **$6.70**

Weight Per Dozen About ⅝ Pound.



No. E2304.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

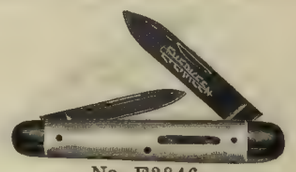
Per Dozen

No. E2304—Stag Handle, 3 in. Long **$8.90**

No. E2352—Ebony Handle, 3 in. Long **8.90**

Weight Per Dozen About ⅝ Pound.

All Above, One-half Dozen in a Box.



No. E2846.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2846—Ivory Celluloid Handle, 3 in. Long **$9.50**

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Tip.

Per Dozen

No. E2832—Ebony Handle, 3 in. Long **$8.90**

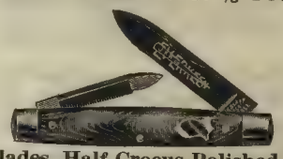
Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E2847—Pearl Handle, 3 in. Long **$20.00**

Weight Per Dozen About ⅞ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

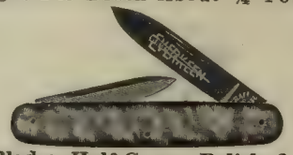
No. E2005—Gold Tinge Celluloid Handle, 3 in. Long.... **$12.25**

Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined. Per Dozen

No. E2412—Ebony Handle, 3 in. Long **$8.00**

Weight Per Dozen About ¾ Pound.

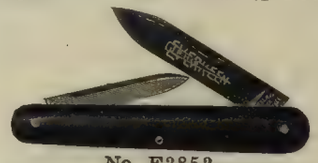


Two Blades, Half Crocus Polished, Brass Lined.

Per Dozen

No. E2417—Full Pearl Handle, 3 in. Long **$24.50**

Weight Per Dozen About ¾ Pound.



No. E2852.

Two Blades, Half Crocus Polished, Brass Lined.

Per Dozen

No. E2852—Ebony Handle, 3¼ in. Long **$8.35**

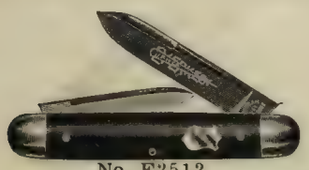
No. E2854—Stag Handle, 3¼ in. Long **8.60**

Weight Per Dozen About ⅞ Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size.



No. E2512.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters, 3¼ in. Long Handle. Per Dozen

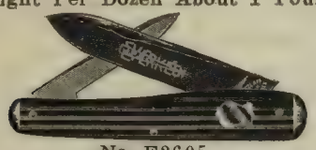
No. E2512—Ebony Handle.....$ 8.90
No. E2514—Stag Handle..... 8.90
No. E2516 — Mottled Celluloid Handle 10.60

Weight Per Dozen About 1⅛ Pounds.

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Tips. Per Dozen

No. E2035 — Striped Celluloid Handle, 3 in. Long.....$13.35

Weight Per Dozen About 1 Pound.

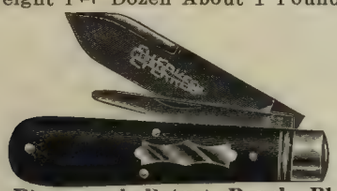


No. E2605.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips, 3⅜ in. Long Handle. Per Dozen

No. E2602—Ebony Handle.....$13.35
No. E2605 — Striped Celluloid Handle 14.50

Weight Per Dozen About 1 Pound.



One Blade and Patent Punch Blade, Half Crocus Finish, Brass Lined. Polished Steel Bolsters. Per Dozen

No. E2672—Ebony Handle, 3⅝ in. Long $8.90

Weight Per Dozen About 1⅛ Pounds.

One Blade and Patent Punch Blade, Brass Lined, Steel Bolster and Cap. Per Dozen

No. E2774—Stag Handle, 3⅝ in. Long $10.00

Weight Per Dozen About 2⅜ Pounds.

One Blade and Patent Punch Blade, Half Crocus Polished, Brass Lined, Polished Steel Bolster and Cap. Per Dozen

No. E2684—Stag Handle, 3⅝ in. Long $11.15

Weight Per Dozen About 2⅜ Pounds.

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3564—Stag Handle, 3½ in. Long $16.70

Weight Per Dozen About 2¼ Pounds.

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3454—Stag Handle, 3⅝ in. Long $18.90

Weight Per Dozen About 2⅜ Pounds.

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

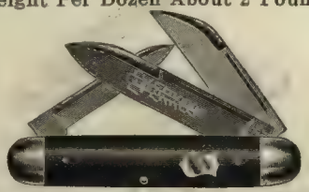
No. E3554—Stag Handle, 3⅝ in. Long $18.90

Weight Per Dozen About 2¼ Pounds.

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters, with Spring Lock on Punch Blade. Per Dozen

No. E3574—Stag Handle, 4 in. Long $18.90

Weight Per Dozen About 2 Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E312—Ebony Handle, 3¼ in. Long $14.50

Weight Per Dozen About 1⅞ Pounds.

All Above, One-half Dozen in a Box.

No. E384.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

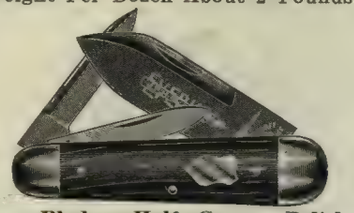
No. E382—Ebony Handle, 3⅝ in. Long $17.20
No. E384—Stag Handle, 3⅝ in. Long 17.80

Weight Per Dozen About 2 Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3221—Cocoa Handle, 3¾ in. Long $17.80

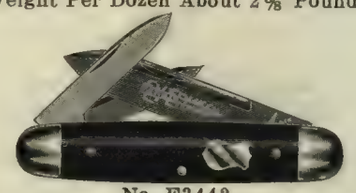
Weight Per Dozen About 2 Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.. Per Dozen

No. E321—Cocoa Handle, 3½ in. Long $17.80

Weight Per Dozen About 2⅝ Pounds.

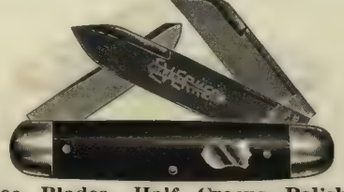


No. E3442.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3442—Ebony Handle, 3⅝ in. Long $17.20
No. E3444—Stag Handle, 3⅝ in. Long 17.80

Weight Per Dozen About 2⅛ Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters. Per Dozen

No. E3212—Ebony Handle, 3⅝ in. Long $16.70

Weight Per Dozen About 2⅜ Pounds.

Pocket Knives.

PRITZLAFF EVERGREEN CUTLERY WARRANTED

Cuts Half Size.

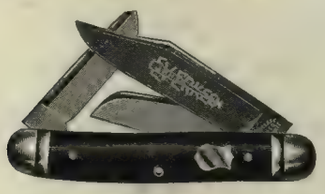
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3217—Pearl Handle, 3⅜ in. Long **$33.35**

Weight Per Dozen About 1⅞ Pounds.

No. E3334.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters, Three Spring.
Per Dozen
No. E3332—Ebony Handle, 3½ in. Long **$19.50**
No. E3334—Stag Handle, 3½ in. Long. **20.00**

Weight Per Dozen About 2⅜ Pounds.



No. E3252.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3252—Ebony Handle, 3½ in. Long **$16.70**
No. E3254—Stag Handle, 3½ in. Long **17.20**

Weight Per Dozen About 2 Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3392—Ebony Handle, 4 in. Long **$17.80**

Weight Per Dozen About 2½ Pounds.

No. E3354.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3354—Stag Handle, 4 in. Long **$17.20**
No. E3357—Pearl Handle, 4 in. Long **40.00**

Weight Per Dozen About 2½ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E322—Ebony Handle, 3½ in. Long **$17.80**

Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3662—Ebony Handle, 3⅝ in. Long **$17.80**

Weight Per Dozen About 1½ Pounds.

No. E3464.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3462—Ebony Handle, 3½ in. Long **$17.80**
No. E3464—Stag Handle, 3½ in. Long **17.20**

Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3374—Stag Handle, 3¼ in. Long **$16.70**

Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

No. E3404.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3402—Ebony Handle, 3⅝ in. Long **$17.80**
No. E3404—Stag Handle, 3⅝ in. Long **18.70**

Weight Per Dozen About 1⅝ Pounds.

No. E3236.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3232—Ebony Handle, 3⅛ in. Long **$13.35**
No. E3234—Stag Handle, 3⅛ in. Long **13.35**
No. E3236 — Ivory Celluloid Handle, 3⅛ in. Long..... **14.50**

Weight Per Dozen About 1½ Pounds.

No. E3132.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3132—Ebony Handle, 3¼ in. Long **$13.35**
No. E3137—Pearl Handle, 3½ in. Long **30.00**

Weight Per Dozen About 1 Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E351—Cocoa Handle, 3 in. Long **$13.35**

Weight Per Dozen About ¾ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3184—Stag Handle, 3 in. Long **$14.50**

Weight Per Dozen About 1 Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3174—Stag Handle, 3 in. Long **$13.35**

Weight Per Dozen About ⅞ Pound.

Pocket Knives.

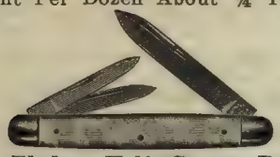
PRITZLAFF EVERGREEN WARRANTED

Cuts Half Size.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters,
Per Dozen
No. E348—Horn Handle, 3 in. Long **$13.35**
Weight Per Dozen About ¾ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3007—Pearl Handle 2⅞ in. Long **$23.35**
Weight Per Dozen About ⅞ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3107—Pearl Handle, 2¾ in. Long **$18.90**
Weight Per Dozen About ¾ Pound.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3237—Pearl Handle, 3 in. Long **$22.25**
Weight Per Dozen About ¾ Pound.

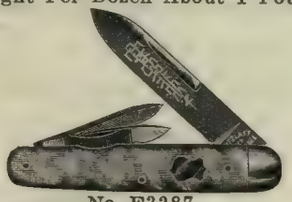
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E397—Pearl Handle, 3 in. Long **$22.25**
Weight Per Dozen About 1 Pound.

No. E3127.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E3125—Smoked Pearl Handle, 3 in. Long..... **$15.60**
No. E3127—Pearl Handle, 3 in. Long **26.65**
Weight Per Dozen About ⅞ Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E317—Pearl Handle, 3⅛ in. Long **$30.00**
Weight Per Dozen About 1 Pound.

Three Blades, Half Crocus Polished, Brass Lined.
Per Dozen
No. E3247—Full Pearl Handle, 3 in. Long..... **$26.65**
Weight Per Dozen About 1 Pound.



No. E3387.

Three Blades, Brass Lined, German Silver Bolster.
Per Dozen
No. E3384—Stag Handle, Half Crocus Polished, 3⅛ in. Long **$17.80**
No. E3387—Pearl Handle, Full Crocus Polished, 3⅛ in. Long **31.10**
Weight Per Dozen About 1¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E361—Cocoa Handle, 3⅜ in. Long **$15.60**
Weight Per Dozen About 1⅛ Pounds.

No. E345.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E344—Stag Handle, 3⅜ in. Long **$15.60**
No. E345—Smoked Pearl Handle, 3⅜ in. Long..... **17.80**
No. E347—Pearl Handle, 3⅜ in. Long **33.35**
Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. E355—Striped Celluloid Handle, 3⅜ in. Long..... **$17.80**
Weight Per Dozen About 1 Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3307—Pearl Handle, 3 in. Long **$26.65**
Weight Per Dozen About 1 Pound.

No. E3364.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3364—Stag Handle, 3⅛ in. Long **$16.70**
No. E3365—Smoked Pearl Handle, 3⅛ in. Long..... **17.80**
Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3367—Pearl Handle, 3⅛ in. Long **$26.65**
Weight Per Dozen About 1¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. E3377—Pearl Handle, 3¼ in. Long **$26.65**
Weight Per Dozen About 1¼ Pounds.

Pocket Knives.

PRITZLAFF EVERLASTING WARRANTED

Cuts Half Size.

No. E332.

Three Blades, Half Crocus Polished Brass Lined, German Silver Bolsters.

Per Dozen

No. E332—Ebony Handle, 3¼ in. Long **$16.70**

No. E337—Pearl Handle, 3¼ in. Long **33.35**

Weight Per Dozen About 1⅝ Pounds.

Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. E3157—Full Pearl Handle, 2⅞ in. Long..... **$30.00**

Weight Per Dozen About ¾ Pounds.

Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. E3167—Full Pearl Handle, 3⅛ in. Long..... **$35.60**

Weight Per Dozen About 1 Pound.

One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined.

Per Dozen

No. E2277—Full Pearl Handle, 3 in. Long..... **$31.10**

Weight Per Dozen About ¾ Pound.

Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. E3267—Full Pearl Handle, 3½ in. Long..... **$40.00**

Weight Per Dozen About ⅞ Pounds.

Two Blades and Special Manicure File, Full Crocus Polished, German Silver Lined.

Per Dozen

No. E3277—Full Pearl Handle, 3⅛ in. Long..... **$35.60**

Weight Per Dozen About 1 Pound.

Two Blades and Special Manicure File, Full Crocus Polished, German Silver Lined, German Silver Tips.

Per Dozen

No. E3287—Pearl Handle, 3⅛ in. Long **$42.20**

Weight Per Dozen About 1 Pound.

Three Blades and Special Manicure File, Full Crocus Polished, German Silver Lined, German Silver Tips.

Per Dozen

No. E467—Pearl Handle, 3⅛ in. Long **$46.65**

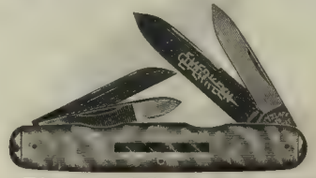
Weight Per Dozen About 1 Pound.

Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E407—Pearl Handle, 2⅞ in. Long **$22.25**

Weight Per Dozen About 1 Pound.



Four Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. E437—Pearl Handle, 3⅝ in. Long **$40.00**

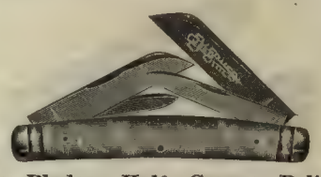
Weight Per Dozen About 1¼ Pounds.

Four Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. E457—Full Pearl Handle, 3 in. Long..... **$37.75**

Weight Per Dozen About 1 Pound.



Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. E417—Pearl Handle, 3⅝ in. Long **$31.10**

Weight Per Dozen About 1⅛ Pounds.

One Blade, Half Crocus Polished.

Per Dozen

No. E116—Ivory Celluloid Handle, 4¼ in. Long..... **$11.15**

Weight Per Dozen About ⅝ Pound.

Two Blades, Half Crocus Polished, Brass Lined.

Per Dozen

No. E2826—Ivory Celluloid Handle, 3¾ in. Long..... **$13.35**

Weight Per Dozen About 1⅛ Pounds.

Two Blades and Cork Screw, Full Crocus Polished, Brass Lined German Silver Bolsters.

Per Dozen

No. E3324—Stag Handle, 3½ in. Long **$22.25**

Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

NEW YORK KNIFE CO.'S HAMMER BRAND Pocket Knives are Forged and Tempered by Experienced Workmen from S. & C. Wardlow Extra Refined Crucible Steel. Fully Warranted.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 125—Cocoa Handle, 3¼ in. Long **$3.90**

Weight Per Dozen About 1 Pound.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1156—Cocoa Handle, 3½ in. Long **$4.50**

Weight Per Dozen About 1¼ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1750—Cocoa Handle, 3⅝ in. Long **$4.50**

Weight Per Dozen About 1⅜ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1755—Cocoa Handle, 3⅝ in. Long **$4.50**

Weight Per Dozen About 1½ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 1018—Cocoa Handle, 4 in. Long **$8.35**

Weight Per Dozen About 2⅛ Pounds.

One Blade, Half Crocus Polish, Brass Lined, German Silver Bolster, Detachable Shackle.

Per Dozen

No. 1017—Stag Handle, 4 in. Long **$10.00**

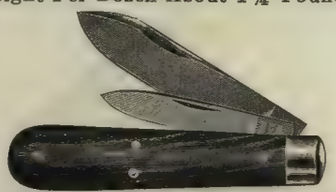
Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 225—Cocoa Handle, 3⅜ in. Long **$4.50**

Weight Per Dozen About 1¾ Pounds.



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 226—Cocoa Handle, 3½ in. Long **$4.50**

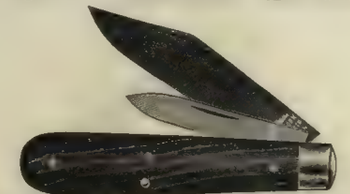
Weight Per Dozen About 1⅝ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 264—Cocoa Handle, 3½ in. Long **$4.50**

Weight Per Dozen About 1¾ Pounds.



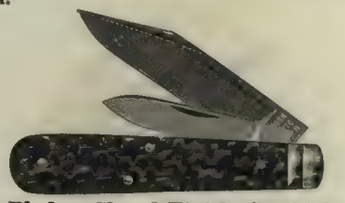
Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 209—Cocoa Handle, 3½ in. Long **$4.50**

Weight Per Dozen About 1⅝ Pounds.

All Above, One-half Dozen in a Box.

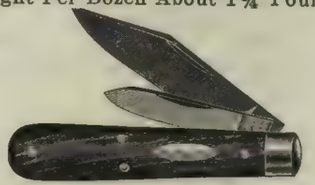


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 210—Stag Handle, 3½ in. Long **$6.10**

Weight Per Dozen About 1¾ Pounds.

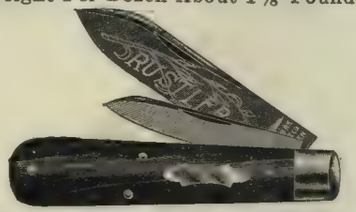


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2330—Cocoa Handle, 3¼ in. Long **$5.60**

Weight Per Dozen About 1⅜ Pounds.

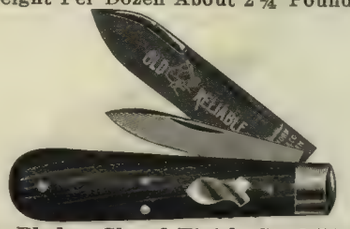


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2741—Cocoa Handle, 3¾ in. Long **$7.80**

Weight Per Dozen About 2¼ Pounds.



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2750—Cocoa Handle, 3¾ in. Long **$7.25**

Weight Per Dozen About 1⅞ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

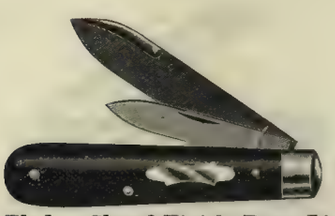
No. 2755—Cocoa Handle, 3¾ in. Long **$7.25**

Weight Per Dozen About 1⅞ Pounds.

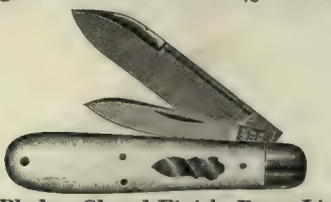
Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 2337—Ebony Handle, 3½ in. Long **$7.80**
Weight Per Dozen About 1⅞ Pounds.

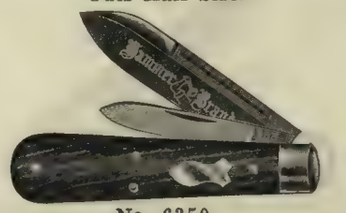


Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 205—White Bone Handle, 3⅜ in. Long **$10.00**
Weight Per Dozen About 1¾ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 2156—Cocoa Handle, 3⅝ in. Long **$8.35**
Weight Per Dozen About 1⅝ Pounds.

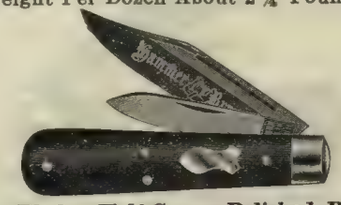
Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 2573—Ebony Handle, 3¾ in. Long **$8.90**
Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 2653—Stag Handle, 3⅝ in. Long **$8.90**
Weight Per Dozen About 2⅛ Pounds.



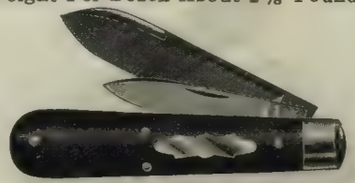
No. 6350.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 6350—Cocoa Handle, 3½ in. Long **$8.90**
No. 6364—Stag Handle, 3½ in. Long **8.90**
Weight Per Dozen About 2¼ Pounds.

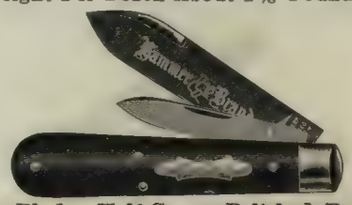


Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 6556—Ebony Handle, 3½ in. Long **$8.90**
Weight Per Dozen About 2 Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 2372—Cocoa Handle, 3½ in. Long **$8.90**
Weight Per Dozen About 2⅛ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 248—Ebony Handle, 3¾ in. Long **$8.90**
Weight Per Dozen About 2⅜ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 2747—Ebony Handle, 3¾ in. Long **$8.90**
Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 233—Ebony Handle, 3¾ in. Long **$10.00**
Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 2493—Cocoa Handle, 3⅞ in. Long **$8.90**
Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 2764—Stag Handle, 3¾ in. Long **$8.90**
Weight Per Dozen About 2¾ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.
Per Dozen
No. 2153—Ebony Handle, 3¾ in. Long **$10.00**
Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.
Per Dozen
No. 2933—Stag Handle, 3⅝ in. Long **$8.90**
Weight Per Dozen About 2¼ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2413—Cocoa Handle, 4 in. Long **$10.60**

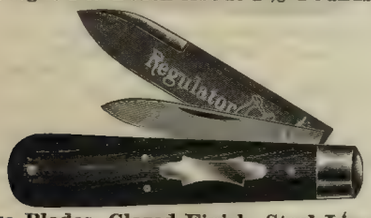
Weight Per Dozen About 2½ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2146—Ebony Handle, 3⅞ in. Long **$12.25**

Weight Per Dozen About 2⅝ Pounds.

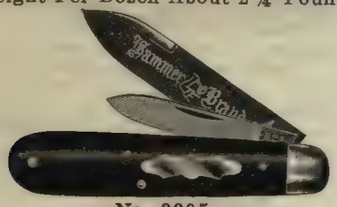


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 2916—Cocoa Handle, 4 in. Long **$10.00**

Weight Per Dozen About 2¾ Pounds.



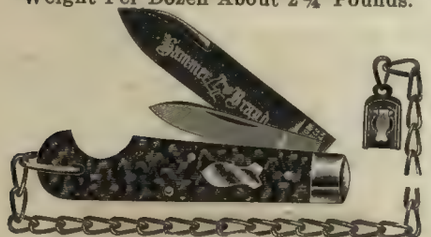
No. 2295.

Two Blades, Brass Lined, German Silver Bolster. Per Dozen

No. 2295—Ebony Handle, Half Crocus Polished and Etched, 3½ in. Long..... **$ 8.90**

No. 2296—White Bone Handle, Glazed Finish, not Etched, 3½ in. Long..... **11.15**

Weight Per Dozen About 2¼ Pounds.



No. 6026.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster, with 18 in. Nickel Plated Chain.

Per Dozen

No. 6026—Stag Handle, 3½ in. Long **$8.90**

No. 6024—Cocoa Handle, 3½ in. Long **8.90**

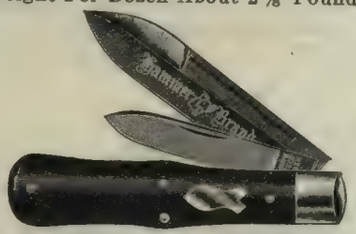
Weight Per Dozen About 2¾ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 2029—Ebony Handle, 3¾ in. Long **$10.60**

Weight Per Dozen About 2⅛ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 2109—Ebony Handle, 3¾ in. Long **$12.25**

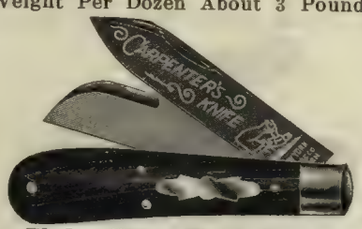
Weight Per Dozen About 2⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 275—Cocoa Handle, 3¾ in. Long **$13.35**

Weight Per Dozen About 3 Pounds.

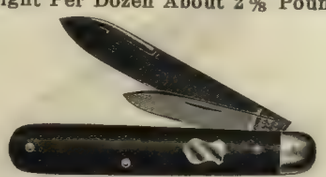


Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 254—Cocoa Handle, 3⅞ in. Long **$13.35**

Weight Per Dozen About 2⅝ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 239—Ebony Handle, 3⅜ in. Long **$8.90**

Weight Per Dozen About 1⅜ Pounds.

All Above, One-half Dozen in a Box.

No. 237.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 237—Stag Handle, 3½ in. Long **$8.90**

No. 2034—Cocoa Handle, 3½ in. Long **8.90**

Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6376—Horn Handle, 2⅞ in. Long **$9.50**

Weight Per Dozen About ⅞ Pound.

No. 242.

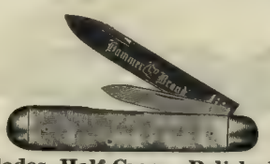
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 242—Ebony Handle, 3¼ in. Long ..... **$ 8.90**

No. 2287—White Bone Handle, 3¼ in. Long..... **12.25**

Weight Per Dozen About 1⅜ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2378—Pearl Handle, 2¾ in. Long **$17.80**

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2289—Pearl Handle, 3¼ in. Long **$24.50**

Weight Per Dozen About 1½ Pounds.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2077—Horn Handle, 2⅞ in. Long **$10.00**

Weight Per Dozen About ⅞ Pounds.

No. 6277.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6277—Ebony Handle, 3 in. Long ..... **$ 9.50**

No. 6278—Stag Handle, 3 in. Long **10.00**

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 646—Stag Handle, 2⅞ in. Long **$10.00**

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6213—Deer Shell Handle, 3 in. Long **$10.60**

Weight Per Dozen About 1⅛ Pounds.

No. 658.

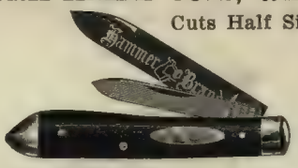
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 658—Pearl Handle, 3 in. Long **$23.35**

No. 657—Stag Handle, 3 in. Long **10.00**

Weight Per Dozen About 1¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2052—Horn Handle, 3¼ in. Long **$10.60**

Weight Per Dozen About 1⅛ Pounds.

No. 2369.

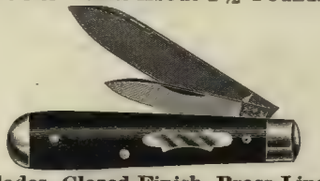
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2369—Ebony Handle, 3½ in. Long **$10.00**

No. 2370—Stag Handle, 3⅜ in. Long **11.15**

Weight Per Dozen About 1½ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2358—Ebony Handle, 3¼ in. Long **$8.35**

Weight Per Dozen About 1¼ Pounds.

No. 2332.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2332—Cocoa Handle, 3½ in. Long **$8.90**

No. 2335—Stag Handle, 3½ in. Long **8.90**

Weight Per Dozen About 2 Pounds.

No. 2957.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2957—Stag Handle, 3½ in. Long **$10.00**

No. 2954—Ebony Handle, 3½ in. Long **8.90**

No. 2953—Cocoa Handle, 3½ in. Long **8.90**

Weight Per Dozen About 2¼ Pounds.

All Above, One-half Dozen in a Box.

No. 2585.

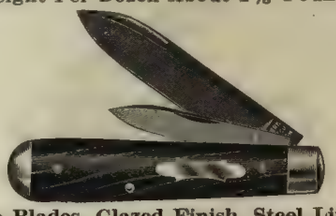
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2585—Cocoa Handle, 3½ in. Long ..... **$ 8.90**

No. 2587—Stag Handle, 3½ in. Long **10.00**

Weight Per Dozen About 1⅞ Pounds.

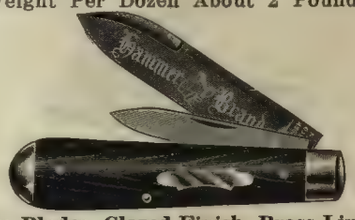


Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster and Cap.

Per Dozen

No. 2222—Cocoa Handle, 3½ in. Long **$7.80**

Weight Per Dozen About 2 Pounds.

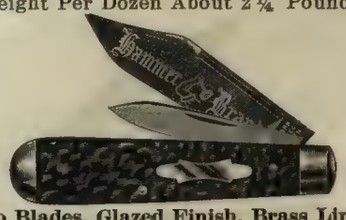


Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2226—Cocoa Handle, 3¾ in. Long **$10.60**

Weight Per Dozen About 2¼ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2229—Stag Handle, 3¾ in. Long **$10.70**

Weight Per Dozen About 2⅜ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2872—Cocoa Handle, 3¾ in. Long **$10.00**

Weight Per Dozen About 2⅛ Pounds.

Pocket Knives.

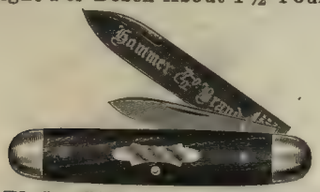
NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 6140—Amber Shell Handle, 3¼ in. Long.....**$10.00**

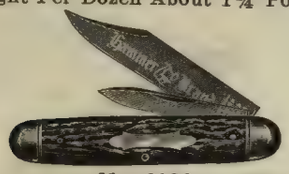
Weight Per Dozen About 1½ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2420—Cocoa Handle, 3⅜ in. Long **$8.90**

Weight Per Dozen About 1¼ Pounds.



No. 6038.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 6037—Ebony Handle, 3¼ in. Long **$8.90**

No. 6038—Stag Handle, 3¼ in. Long **8.90**

Weight Per Dozen About 1½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 6143—Deer Shell Handle, 3¼ in. Long.....**$10.00**

Weight Per Dozen About 1½ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2525—Cocoa Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2925—Cocoa Handle, 3⅝ in. Long **$10.60**

Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Steel Lined, Polished Steel Bolster and Cap. Per Dozen

No. 228—Cocoa Handle, 3¾ in. Long **$8.90**

Weight Per Dozen About 2⅛ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

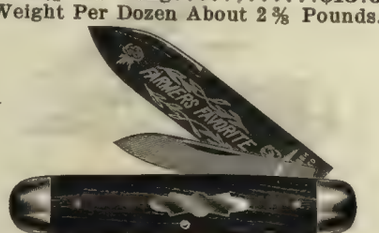
No. 2206—Ebony Handle, 3¾ in. Long **$13.35**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2203—White Bone Handle, 3¾ in. Long.....**$13.35**

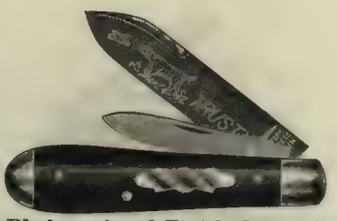
Weight Per Dozen About 2⅜ Pounds.



Two Blades, Glazed Finish, Brass Laned, German Silver Bolster and Cap. Per Dozen

No. 2710—Cocoa Handle, 3⅞ in. Long. **$13.35**

Weight Per Dozen About 2⅝ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen

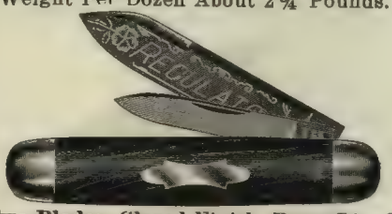
No. 2073—Ebony Handle, 3½ in. Long **$11.15**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2094—Cocoa Handle, 3¾ in. Long **$13.35**

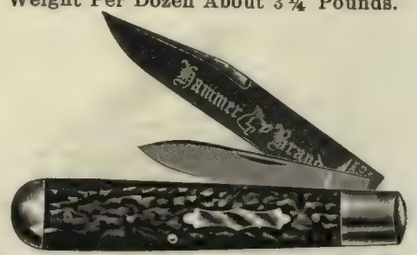
Weight Per Dozen About 2¾ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2515—Cocoa Handle, 4⅛ in. Long **$13.35**

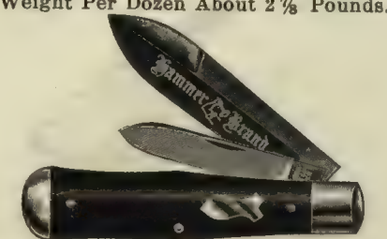
Weight Per Dozen About 3¼ Pounds.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap. Per Dozen

No. 2998—Stag Handle, 4¾ in. Long **$14.50**

Weight Per Dozen About 2⅞ Pounds.



Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap. Per Dozen

No. 6063—Ebony Handle, 3⅞ in. Long **$14.50**

Weight Per Dozen About 2½ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

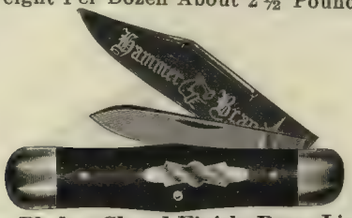
Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2602—Ebony Handle, 3¾ in. Long **$13.35**

Weight Per Dozen About 2½ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2531—Ebony Handle, 3¾ in. Long **$13.35**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2550—Cocoa Handle, 3¾ in. Long **$13.35**

Weight Per Dozen About 2½ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2706—Ebony Handle, 3½ in. Long **$12.25**

Weight Per Dozen About 1⅞ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2726—Ebony Handle, 3⅞ in. Long **$13.35**

Weight Per Dozen About 2½ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster and Cap.

Per Dozen

No. 2636—Ebony Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2⅛ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2435—Cocoa Handle, 3½ in. Long **$11.15**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2432—Ebony Handle, 3½ in. Long **$11.15**

Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap.

Per Dozen

No. 6068—Cocoa Handle, 3⅞ in. Long **$14.50**

Weight Per Dozen About 2¾ Pounds.

No. 2536.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2536—Ebony Handle, 3⅞ in. Long **$13.35**

No. 2538—Stag Handle, 3⅞ in. Long **13.35**

Weight Per Dozen About 2⅞ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2401—Ebony Handle, 3½ in. Long **$12.80**

Weight Per Dozen About 1⅞ Pounds.

No. 2731.

Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster, German Silver Cap.

Per Dozen

No. 2731—Ebony Handle, 3½ in. Long **$12.25**

No. 2733—Stag Handle, 3½ in. Long **12.80**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap.

Per Dozen

No. 6079—Stag Handle, 3½ in. Long **$14.50**

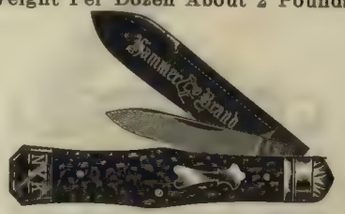
Weight Per Dozen About 1⅞ Pounds.

Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap.

Per Dozen

No. 6074—Cocoa Handle, 3⅞ in. Long **$14.50**

Weight Per Dozen About 2 Pounds.



Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolster and Cap.

Per Dozen

No. 2803—Stag Handle, 3⅝ in. Long **$13.35**

Weight Per Dozen About 2⅛ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Two Blades, Full Crocus Polished, Brass Lined, Steel Bolster, German Silver Cap.

Per Dozen

No. 2542—Stag Handle, 3¾ in. Long **$15.60**

Weight Per Dozen About 1¾ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2352—Ebony Handle, 3¼ in. Long **$10.60**

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6244—Smoked Pearl Handle, 3¼ in. Long..... **$10.60**

Weight Per Dozen About ⅞ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6235—Tortas Shell Handle, 3¼ in. Long..... **$10.60**

Weight Per Dozen About 1⅛ Pounds.

No. 2022.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2022—Stag Handle, 3½ in. Long **$11.15**

No. 2020—Cocoa Handle, 3½ in. Long **10.60**

Weight Per Dozen About 1¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2351—Cocoa Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6136—Stag Handle, 3¼ in. Long **$10.00**

Weight Per Dozen About 1 Pound.

No. 2128.

Two Blades, Brass Lined, German Silver Bolster.

Per Dozen

No. 2128—Pearl Handle, Half Crocus Polished, 3¼ in. Long **$20.00**

No. 219—Cocoa Handle, Glazed Finish, 3¼ in. Long..... **10.00**

Weight Per Dozen About ⅞ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 634—Stag Handle, 3 in. Long **$10.00**

Weight Per Dozen About ⅝ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 280—Stag Handle, 3¼ in. Long **$10.00**

Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2659—Stag Handle, 3 in. Long **$9.50**

Weight Per Dozen About ⅞ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2656—Pearl Handle, 3 in. Long **$20.00**

Weight Per Dozen About ⅞ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2328—Ebony Handle, 3⅜ in. Long **$8.90**

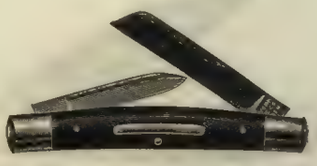
Weight Per Dozen About 1 Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 6423—Stag Handle, 3⅜ in. Long **$8.90**

Weight Per Dozen About 1¼ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2001—Ebony Handle, 3⅜ in. Long **$8.90**

Weight Per Dozen About ⅞ Pound.

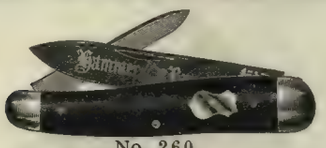
All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Two Blades, Glazed Finish, Brass Lined.
Per Dozen
No. 200—Celluloid Ivory Handle, 3¾ in. Long.....**$13.35**
Weight Per Dozen About 1¼ Pounds.



No. 260.

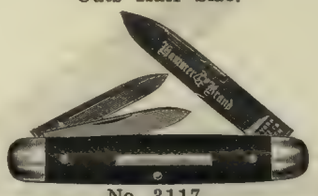
Two Blades, Half Crocus Polished, German Silver Lined, German Silver Bolsters.
Per Dozen
No. 260—Ebony Handle, 3½ in. Long **$13.35**

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. 261—Stag Handle, 3½ in. Long **$13.35**
Weight Per Dozen About 1⅛ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2056—Cocoa Handle, 3⅝ in. Long **$13.35**
Weight Per Dozen About 1½ Pounds.

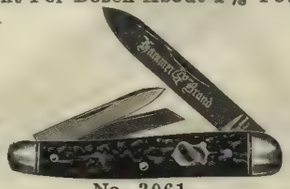
Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 6042—Ebony Handle, 3½ in. Long **$13.35**
Weight Per Dozen About 2¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 2233—Ebony Handle, 4 in. Long **$13.35**
Weight Per Dozen About 2⅜ Pounds.



No. 3117.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3117—Ebony Handle, 3⅝ in. Long **$14.50**
No. 3144—Cocoa Handle, 3⅝ in. Long **14.50**
Weight Per Dozen About 1⅛ Pounds.



No. 3061.

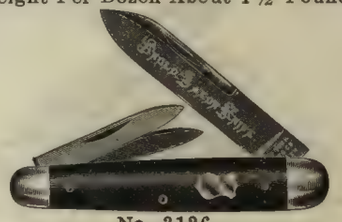
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3061—Stag Handle, 3⅛ in. Long **$16.70**
No. 3060—Horn Handle, 3⅛ in. Long **16.70**
Weight Per Dozen About ⅞ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3063—Pearl Handle, 3⅛ in. Long **$26.65**
Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, German Silver Lined, German Silver Bolsters.
Per Dozen
No. 361—Stag Handle, 3½ in. Long **$20.00**
Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3114—Ebony Handle, 3⅝ in. Long **$17.80**
Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolsters.
Per Dozen
No. 3534—Ebony Handle, 3¾ in. Long **$16.70**
Weight Per Dozen About 1½ Pounds.



No. 3126.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3126—Ebony Handle, 3½ in. Long **$17.20**
No. 3127—Stag Handle, 3½ in. Long **17.80**
Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3306—Ebony Handle, 3⅝ in. Long **$17.80**
Weight Per Dozen About 1½ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 307—Stag Handle, 3⅝ in. Long **$20.00**
Weight Per Dozen About 1½ Pounds.

No. 3226.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3226—Horn Handle, 3¾ in. Long **$26.65**
No. 3229—Pearl Handle, 3¾ in. Long **40.00**
Weight Per Dozen About 1¾ Pounds.

All Above, One-half Dozen in a Box.

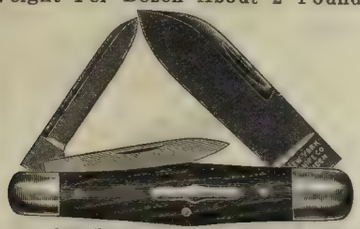
Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

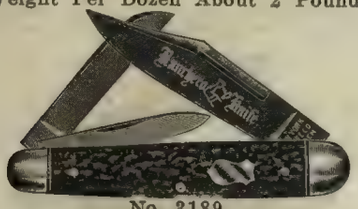
Cuts Half Size.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3873—Cocoa Handle, 3¾ in. Long **$17.80**
Weight Per Dozen About 1⅞ Pounds.

Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3136—Cocoa Handle, 3¾ in. Long **$17.80**
Weight Per Dozen About 2 Pounds.

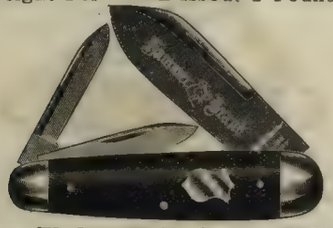


Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 376—Cocoa Handle, 3⅞ in. Long **$17.80**
Weight Per Dozen About 2 Pounds.



No. 3189.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3189—Stag Handle, 3⅞ in. Long **$20.00**
No. 3187—Ebony Handle, 3⅞ in. Long **18.90**
Weight Per Dozen About 2 Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 311—Ebony Handle, 3½ in. Long **$17.80**
Weight Per Dozen About 1¾ Pounds.

Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 381—Ebony Handle, 4¼ in. Long **$21.15**
Weight Per Dozen About 2½ Pounds.

Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3184—Cocoa Handle, 4½ in. Long **$21.15**
Weight Per Dozen About 2¾ Pounds.

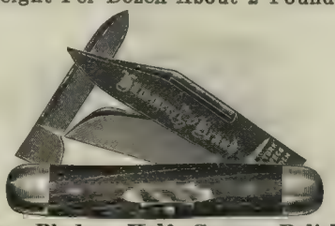
Three Blades, Glazed Finish, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3222—Ebony Handle, 3¾ in. Long **$17.80**
Weight Per Dozen About 2¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3208—Stag Handle, 3¾ in. Long **$17.80**
Weight Per Dozen About 2¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3204—Pearl Handle, 3⅜ in. Long **$33.35**
Weight Per Dozen About 1⅞ Pounds.

All Above, One-half Dozen in a Box.

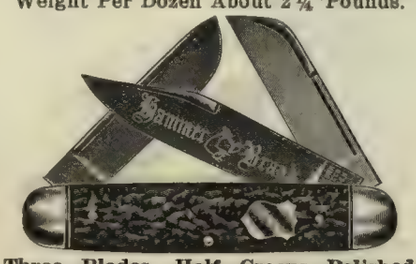
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3515—Stag Handle, 4 in. Long **$17.80**
Weight Per Dozen About 2 Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3705—Cocoa Handle, 3½ in. Long **$16.70**
Weight Per Dozen About 2 Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3330—Stag Handle, 3½ in. Long **$18.90**
Weight Per Dozen About 1¾ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3815—Stag Handle, 3⅞ in. Long **$23.35**
Weight Per Dozen About 2¼ Pounds.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 3193—Stag Handle, 4¼ in. Long **$24.50**
Weight Per Dozen About 3¼ Pounds.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

One Blade and Patent Punch Blade, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. 2939—Stag Handle, 3½ in. Long **$12.25**

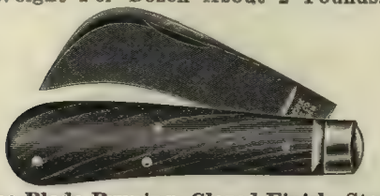
Weight Per Dozen About 2¼ Pounds.

One Blade and Patent Punch Blade, Glazed Finish, Brass Lined, Polished Steel Bolster.

Per Dozen

No. 6446—Stag Handle, 3½ in. Long **$8.90**

Weight Per Dozen About 2 Pounds.

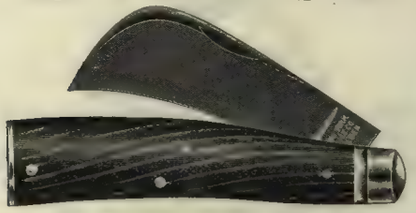


One Blade Pruning, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 142—Cocoa Handle, 4 in. Long **$8.90**

Weight Per Dozen About 2½ Pounds.

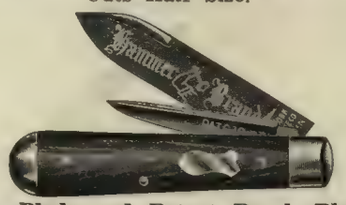


One Blade Pruning, Glazed Finish, Steel Lined, Polished Steel Bolster and Cap.

Per Dozen

No. 1073—Cocoa Handle, 4½ in. Long **$16.70**

Weight Per Dozen About 3⅝ Pounds.



One Blade and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 6957—Cocoa Handle, 3⅝ in. Long **$13.35**

Weight Per Dozen About 2⅛ Pounds.

One Blade and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2211—Stag Handle, 3⅝ in. Long **$13.35**

Weight Per Dozen About 2¼ Pounds.

ELECTRICIANS', Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster and Cap.

Per Dozen

No. 2478—Cocoa Handle, 3¼ in. Long **$13.35**

Weight Per Dozen About 1½ Pounds.

ELECTRICIANS', Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters, Lock Back.

Per Dozen

No. 2481—Stag Handle, 3⅝ in. Long **$18.90**

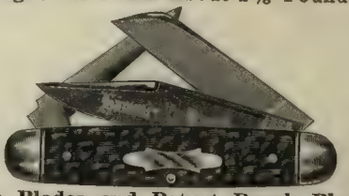
Weight Per Dozen About 2⅛ Pounds.

Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3240—Stag Handle, 3½ in. Long **$20.00**

Weight Per Dozen About 2⅛ Pounds.

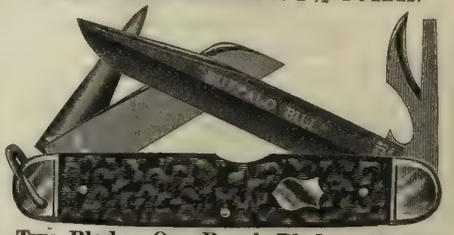


Two Blades and Patent Punch Blade, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3236—Stag Handle, 3¾ in. Long **$20.00**

Weight Per Dozen About 2¼ Pounds.

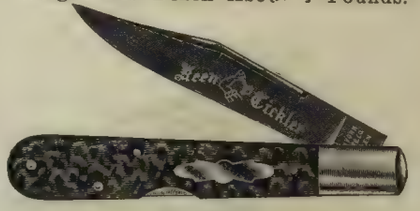


Two Blades, One Punch Blade and One Can Opener and Tin Cap Lifter, Half Crocus Polished, Brass Lined, German Silver Bolsters, Detachable Shackle.

Per Dozen

No. 4018—Stag Handle, 4¾ in. Long **$35.60**

Weight Per Dozen About 4 Pounds.



No. 1665.

One Blade, Half Crocus Polished, Brass Lined, German Silver Bolster with Spring Lock Back.

Per Dozen

No. 1665—Stag Handle, 4½ in. Long **$17.80**

No. 1365—Ebony Handle, 4½ in. Long **16.70**

Weight Per Dozen About 2½ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.

Per Dozen

No. 188—Cocoa Handle, 5⅝ in. Long..... **$13.35**

Weight Per Dozen About 4¼ Pounds.

One Blade, Glazed Finish, Brass Lined, Steel Bolster, German Silver Cap, Spring Lock Back.

Per Dozen

No. 187—Stag Handle, 5⅝ in. Long..... **$30.00**

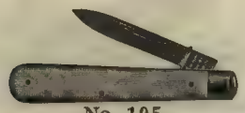
Weight Per Dozen About 4⅝ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.



No. 195.

One Blade, Glazed Finish, Brass Lined, German Silver Bolster.

Per Dozen

No. 195—Pearl Handle, 2½ in. Long **$11.15**

No. 192—Horn Handle, 2½ in. Long **5.00**

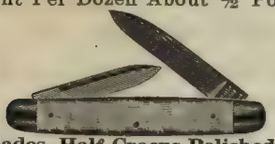
Weight Per Dozen About ½ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2083—Pearl Handle, 2⅜ in. Long **$11.70**

Weight Per Dozen About ½ Pound.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 295—Pearl Handle, 2⅞ in. Long **$14.50**

Weight Per Dozen About ⅝ Pound.

Two Blades, Glazed Finish, German Silver Lined, Engraved Aluminum Bolsters. Per Dozen

No. 2771—Pearl Handle, 2¾ in. Long **$17.80**

Weight Per Dozen About ⅝ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2090—Pearl Handle, 2½ in. Long **$11.70**

Weight Per Dozen About ½ Pound.

Two Blades, Full Crocus Polished, German Silver Lined, German Silver Bolsters. Per Dozen

No. 290—Pearl Handle, 2⅞ in. Long **$17.80**

Weight Per Dozen About ½ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 2010—Pearl Handle, 2¾ in. Long **$15.60**

Weight Per Dozen About ¾ Pound.

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2262—Pearl Handle, 2¾ in. Long **$15.60**

Weight Per Dozen About ½ Pound.

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2265—Pearl Handle, 3 in. Long **$17.80**

Weight Per Dozen About ¾ Pound.

Two Blades, Half Crocus Polished, Brass Lined.

Per Dozen

No. 2390—Full Pearl Handle, 3¼ in. Long..... **$24.50**

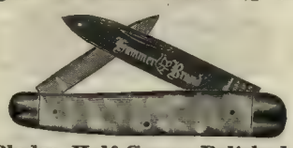
Weight Per Dozen About ¾ Pound.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2115—Stag Handle, 3⅛ in. Long **$10.00**

Weight Per Dozen About ¾ Pound.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2063—Pearl Handle, 3⅛ in. Long **$22.25**

Weight Per Dozen About ⅞ Pound.

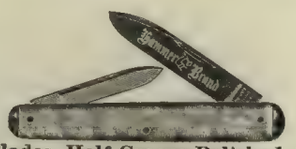
Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3092—Pearl Handle, 3¼ in. Long **$26.65**

Weight Per Dozen About ⅞ Pound.

All Above, One-half Dozen in a Box.



Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 218—Pearl Handle, 3 in. Long **$21.10**

Weight Per Dozen About ⅝ Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3022—Pearl Handle, 3 in. Long **$17.80**

Weight Per Dozen About ¾ Pound.

Three Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 324—Full Pearl Handle, 3⅛ in. Long **$24.50**

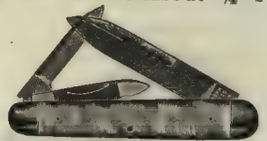
Weight Per Dozen About ½ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3310—Horn Handle, 3 in. Long **$13.35**

Weight Per Dozen About ¾ Pound.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 3367—Pearl Handle, 2¾ in. Long **$23.35**

Weight Per Dozen About ¾ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3365—Pearl Handle, 3 in. Long **$22.25**

Weight Per Dozen About ¾ Pound.

Three Blades, Half Crocus Polished, Brass Lined. Per Dozen

No. 3360—Full Pearl Handle, 3⅛ in. Long **$26.65**

Weight Per Dozen About 1 Pound.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Three Blades, Full Crocus Polished, German Silver Lined, Engraved Aluminum Bolsters.

Per Dozen

No. 3771—Pearl Handle, 2⅞ in. Long **$26.65**

Weight Per Dozen About ¾ Pound.

Three Blades, Full Crocus Polished, German Silver Lined, Engraved Aluminum Bolsters.

Per Dozen

No. 3772—Pearl Handle, 3¼ in. Long **$28.90**

Weight Per Dozen About ⅞ Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3048—Stag Handle, 3⅝ in. Long **$16.70**

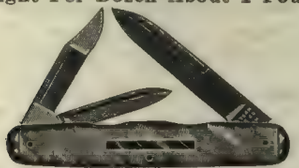
Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3915—Stag Handle, 3⅛ in. Long **$15.60**

Weight Per Dozen About 1 Pound.



Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 317—Pearl Handle, 3⅛ in. Long **$33.35**

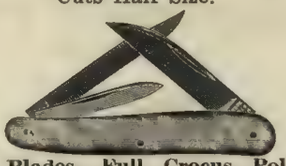
Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 3081—Pearl Handle, 3¼ in. Long **$30.00**

Weight Per Dozen About 1 Pound.

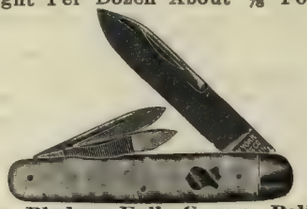


Three Blades, Full Crocus Polished, Brass Lined.

Per Dozen

No. 3053—Full Pearl Handle, 3 in. Long **$30.00**

Weight Per Dozen About ⅞ Pound.



Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolster.

Per Dozen

No. 3104—Pearl Handle, 3¼ in. Long **$31.10**

Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 372—Stag Handle, 3⅛ in. Long **$16.70**

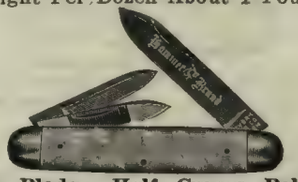
Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3359—Stag Handle, 3⅛ in. Long **$13.35**

Weight Per Dozen About 1 Pound.



Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3356—Pearl Handle, 3 in. Long **$26.65**

Weight Per Dozen About 1 Pound.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3743—Amber Shell Handle, 3⅜ in. Long **$15.00**

Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

No. 3071.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3071—Pearl Handle, 3⅜ in. Long **$33.35**

No. 3072—Stag Handle, 3⅜ in. Long **20.00**

Weight Per Dozen About 1½ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3747—Pearl Handle, 3⅜ in. Long **$30.00**

Weight Per Dozen About 1¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3750—Stag Handle, 3⅜ in. Long **$15.60**

Weight Per Dozen About 1¼ Pounds.

No. 397.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 397—Pearl Handle, 3⅜ in. Long **$26.65**

No. 398—Horn Handle, 3⅜ in. Long **17.20**

Weight Per Dozen About 1¼ Pounds.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3733—Pearl Handle, 3⅛ in. Long **$26.65**

Weight Per Dozen About 1 Pound.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Three Blades, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 3900—Full Pearl Handle, 3 in. Long **$30.00**
Weight Per Dozen About ¾ Pound.

Three Blades, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 3901—Full Pearl Handle, 3⅛ in. Long..... **$35.60**
Weight Per Dozen About ⅞ Pound.

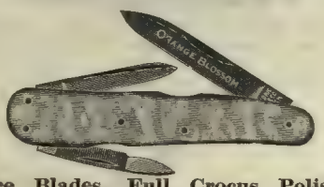
One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined, German Silver Tips.
Per Dozen
No. 2271—Stag Handle, 3 in. Long **$17.80**
Weight Per Dozen About ¾ Pounds.

One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 2273—Full Pearl Handle, 3 in. Long **$31.10**
Weight Per Dozen About ⅝ Pound.

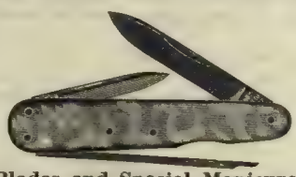
One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 2275—Celluloid Ivory Antique Handle, 3⅛ in. Long. **$15.00**
Weight Per Dozen About ⅝ Pound.

One Blade and Special Manicure File, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 2279—Full Pearl Handle, 3⅛ in. Long..... **$31.10**
Weight Per Dozen About ⅞ Pound.

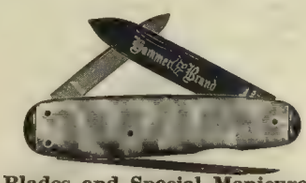
Three Blades, Full Crocus Polished, German Silver Lined, German Silver Tips.
Per Dozen
No. 3034—Stag Handle, 3½ in. Long **$26.65**
Weight Per Dozen About ¾ Pound.



Three Blades, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 3037—Full Pearl Handle, 3½ in. Long..... **$40.00**
Weight Per Dozen About ⅞ Pound.



Two Blades and Special Manicure File, Full Crocus Polished, German Silver Lined.
Per Dozen
No. 3025—Full Pearl Handle, 3⅛ in. Long..... **$37.75**
Weight Per Dozen About ¾ Pound.



Two Blades and Special Manicure File, Full Crocus Polished, German Silver Lined, German Silver Tips.
Per Dozen
No. 3282—Pearl Handle, 3⅛ in. Long **$42.20**
Weight Per Dozen About 1 Pound.

Three Blades and Special Manicure File, Full Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. 3044—Pearl Handle, 3⅛ in. Long **$46.65**
Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 351—Pearl Handle, 3⅝ in. Long **$33.35**
Weight Per Dozen About 1¼ Pounds.

Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 4356—Pearl Handle, 3⅛ in. Long **$26.65**
Weight Per Dozen About 1⅛ Pounds.

Four Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 433—Pearl Handle, 3⅝ in. Long **$37.75**
Weight Per Dozen About 1⅛ Pounds.

No. 485.

Four Blades, Full Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. 485—Pearl Handle, 3⅝ in. Long **$40.00**
No. 483—Stag Handle, 3⅝ in. Long **25.60**
Weight Per Dozen About 1¼ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

NEW YORK KNIFE CO.'S, WARRANTED

Cuts Half Size.

Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 423—Pearl Handle, 3⅜ in. Long **$22.25**

Weight Per Dozen About ¾ Pounds.

Four Blades, Full Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 420—Pearl Handle, 2⅞ in. Long **$30.00**

Weight Per Dozen About ¾ Pound.

Four Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 451—Pearl Handle, 3⅛ in. Long **$26.65**

Weight Per Dozen About ⅞ Pound.

Four Blades, Full Crocus Polished, German Silver Lined, Engraved Aluminum Bolsters.

Per Dozen

No. 4772—Pearl Handle, 3¼ in. Long **$30.00**

Weight Per Dozen About ⅞ Pound.

Four Blades, Full Crocus Polished, German Silver Lined, Engraved Aluminum Bolsters.

Per Dozen

No. 4773—Pearl Handle, 3¾ in. Long **$33.35**

Weight Per Dozen About 1¼ Pounds.

Four Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 408—Full Pearl Handle, 3⅛ in. Long **$40.00**

Weight Per Dozen About 1 Pound.

Four Blades, Full Crocus Polished, Brass Lined.

Per Dozen

No. 4037—Full Pearl Handle, 2⅞ in. Long **$26.65**

Weight Per Dozen About ¾ Pound.

Four Blades, Full Crocus Polished, Brass Lined.

Per Dozen

No. 4057—Full Pearl Handle, 3¼ in. Long **$33.35**

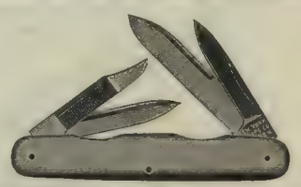
Weight Per Dozen About ⅞ Pound.

Four Blades, Full Crocus Polished, Brass Lined.

Per Dozen

No. 476—Full Pearl Handle, 3¼ in. Long **$35.60**

Weight Per Dozen About 1 Pound.



Four Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 4117—Full Pearl Handle, 3½ in. Long **$37.75**

Weight Per Dozen About 1 Pound.

Four Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 456—Full Pearl Handle, 3⅜ in. Long **$40.00**

Weight Per Dozen About 1⅛ Pounds.

Two Blades and Cork Screw, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 388—Stag Handle, 3⅜ in. Long **$25.60**

Weight Per Dozen About 1¼ Pounds.

Two Blades, Champagne Opener and Cork Screw, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 4016—Pearl Handle, 3⅜ in. Long **$46.65**

Weight Per Dozen About 1½ Pounds.

Two Blades and Scissors, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 3605—Pearl Handle, 3⅛ in. Long **$40.00**

Weight Per Dozen About 1¼ Pounds.

Two Blades, Manicure File and Scissors, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 444—Full Pearl Handle, 2⅞ in. Long **$37.75**

Weight Per Dozen About 1⅛ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

PUSH BUTTON HUNTING

One Blade, Half Crocus Polished, Steel Lined, German Silver Bolster, Push Button Lock.

Per Dozen

No. 1000—4 in. Blade, Stag Handle, 5 in. Long.....**$15.60**

Weight Per Dozen About 4 Pounds.

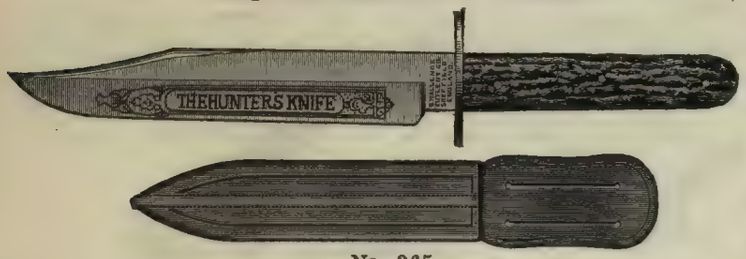
WESTERN DEER FOOT HUNTING

One Blade, Glazed Finish, Brass Lined, German Silver Bolster and Cap, German Silver Guard.

Per Dozen

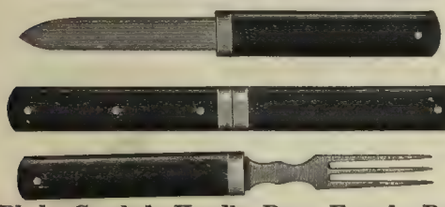
No. C1100—3¾ in. Blade, Deer Foot Handle, 4⅝ in. Long.....**$17.80**

Weight Per Dozen About 4 Pounds.



No. 265.

CAMPING KNIVES AND FORKS



Steel Blade, Cocobolo Handle, Brass Ferrule, Polished.

Per Dozen Sets

No. 67—3½ in. Blade, Length when Telescoped or Closed, 8 in.....**$7.80**

Weight Per Dozen About 5 Pounds.

One-half Dozen Sets in a Box.

TOOL KNIVES

Five Tools, Comprising One Blade, Leather Punch, Swedging Awl, Wire Cutters, Pliers, Alligator Wrench, Hoof Hook, Screw Driver and Gimlet, Brass Lined, German Silver Bolsters.

Per Dozen

No. 700—Stag Handle, Length Over All when Closed 4 in.....**$23.65**

Weight Per Dozen About 4½ Pounds.

One-half Dozen in a Box.

One Blade, Half Crocus Polished, Steel Lined, German Silver Bolster, Push Button Lock with Guard.

Per Dozen

No. 1005—4 in. Blade, Stag Handle, 4¾ in. Long....**$17.80**

Weight Per Dozen About 4 Pounds.

DEER FOOT HUNTING

One Blade and Cork Screw, Glazed Finish, Brass Lined, German Silver Bolster and Cap, German Silver Guard.

Per Dozen

No. 6923—4¾ in. Blade, Deer Foot Handle, 5¼ in. Long.....**$38.00**

Weight Per Dozen About 4½ Pounds.

Cast Steel Blade, Glazed Finish, Nickel Silver Guard, with Leather Sheath.

No. 265—Stag Handle.

Length of Blade, Inches.....	5	6
Length of Handle, Inches.....	3¾	3¾
Approx. Weight Per Dozen, Lbs.	4	4½
Per Dozen	**$16.70**	**18.90**

Per Dozen

Extra Leather Sheaths—For No. 265 Hunting Knives, Weight Per Dozen About 2 Lbs.....**$3.90**

VICTOR TOOL KITS

One Blade and 5 Tools, Made from Best Tool Steel, Steel Lined, German Silver Bolsters.

Per Dozen

No. 1898—Cocoa Handle, 3¾ in. Long.....**$33.35**

The Victor Tool Kit comprises the following: 3⅞ in. Saw, 3⅛ in. Reamer, 3¾ in. Screw Driver, 3⅞ in. Combined File and Screw Driver, 3⅝ in. Chisel, One Blade Pocket Knife and Leather Case 4¼x3¼x1 in.

The Victor Tool Kit is a most ingenious and handy article. It contains a complete set of Tools, which are made from the Best Tool Steel, each Hand Forged and Guaranteed, and especially adapted for household, mechanical and outing purposes.

Weight Per Dozen About 5½ Pounds.

One-twelfth Dozen in a Box.

SLOYD OR WOOD CARVERS' KNIVES

A

Finest Cutlery Steel Blade, Glazed Finish, Beechwood Handle, Brass Ferrule with Shoulder.

Per Dozen

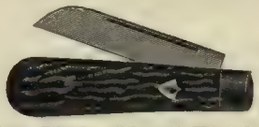
No. 98—2½ in. Blade, Length Over All 5½ in.....**$3.15**

Weight Per Dozen About 3 Pounds.

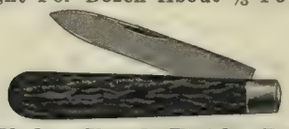
One Dozen in a Box.

Pocket Knives.

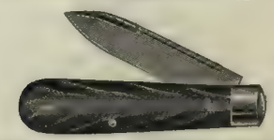
Cuts Half Size.



One Blade, Glazed Finish.
Per Dozen
No. 1427—Japanned Metal, Handle Scored, 2¾ in. Long....**$0.80**
Weight Per Dozen About ⅔ Pound.

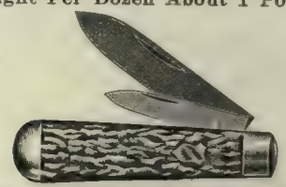


One Blade, Glazed Finish, Polished Bolster. Per Dozen
No. 1459—Japanned Metal Handle, 3 in. Long.....**$1.00**
Weight Per Dozen About ⅝ Pound.

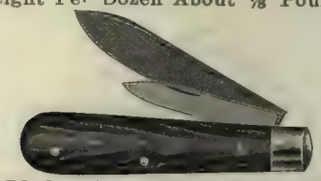


One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 1537—Cocoa Handle, 2¾ in. Long.....**$1.70**
Weight Per Dozen About 1⅜ Pounds.

One Blade, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 151—Cocoa Handle, 3½ in. Long.....**$2.25**
Weight Per Dozen About 1 Pound.



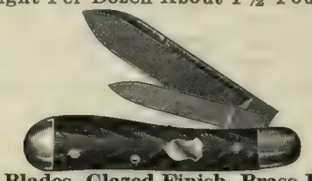
Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 1118—Metal Handle, 3 in. Long.....**$1.15**
Weight Per Dozen About ⅞ Pound.



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 211—Cocoa Handle, 3¼ in. Long.....**$2.25**
Weight Per Dozen About 1⅛ Pounds.

Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 221—Cocoa Handle, 3⅜ in. Long.....**$2.25**
Weight Per Dozen About 1⅛ Pounds.

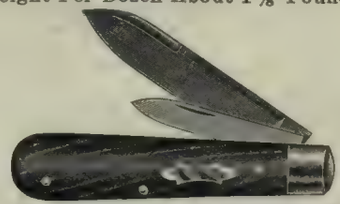
Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster.
Per Dozen
No. 1087—Ebony Handle, 3½ in. Long.....**$2.80**
Weight Per Dozen About 1½ Pounds.



Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. 042—Cocoa Handle, 3⅛ in. Long.....**$5.35**
Weight Per Dozen About 1¼ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. 044—Ebony Handle, 3⅛ in. Long.....**$5.35**
Weight Per Dozen About 1¼ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolster and Cap.
Per Dozen
No. 048—White Bone Handle, 3⅛ in. Long.....**$5.35**
Weight Per Dozen About 1⅜ Pounds.



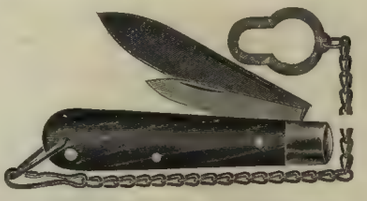
Two Blades, Half Crocus Polished, Brass Lined, Polished Steel Bolster.
Per Dozen
No. 936R—Cocoa Handle, 3⅝ in. Long.....**$4.50**
Weight Per Dozen About 1⅞ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 946EB—Ebony Handle, 3⅝ in. Long.....**$4.50**
Weight Per Dozen About 2 Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolster.
Per Dozen
No. 946ST—Stag Handle, 3⅝ in. Long.....**$4.50**
Weight Per Dozen About 2⅛ Pounds.

One Blade, Glazed Finish, with Nickel Plated Chain.
Per Dozen
No. 01452—Iron Handle, 3½ in. Long.....**$1.50**
Weight Per Dozen About 1 Pound.

One Blade, Glazed Finish, with Nickel Plated Chain.
Per Dozen
No. 01467—Nickel Plated Handle, 3⅛ in. Long.....**$2.25**
Weight Per Dozen About 1¼ Pounds.



Two Blades, Glazed Finish, Steel Lined, Polished Steel Bolster, Nickel Plated Chain.
Per Dozen
No. 747—Cocoa Handle, 3¼ in. Long.....**$2.80**
Weight Per Dozen About 1⅝ Pounds.

Two Blades, Glazed Finish, Brass Lined, Polished Steel Bolster, Nickel Plated Chain.
Per Dozen
No. 27924—Ebony Handle, 3½ in. Long.....**$4.50**
Weight Per Dozen About 2 Pounds.

Pocket Knives.

Cuts Half Size.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2104ST—Stag Handle, 3 in. Long **$4.50**

Weight Per Dozen About ⅝ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2107EB—Ebony Handle, 2⅞ in. Long **$4.50**

Weight Per Dozen About ⅝ Pound.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Tips.

Per Dozen

No. 566—Smoked Pearl Handle, 2¾ in. Long..... **$4.50**

Weight Per Dozen About ⅝ Pound.

Two Blades, Nickel Plated.

Per Dozen

No. 7261—Nickel Plated Handle, 3 in. Long..... **$4.50**

Weight Per Dozen About ⅝ Pound.

Two Blades, Glazed Finish, Brass Lined, German Silver Tips.

Per Dozen

No. 505ST—Stag Handle, 3⅜ in. Long **$4.50**

Weight Per Dozen About 1 Pound.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2115W—White Bone Handle, 3⅜ in. Long..... **$4.50**

Weight Per Dozen About 1⅜ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2114R—Cocoa Handle, 3⅝ in. Long **$4.50**

No. 2114EB—Ebony Handle, 3⅝ in. Long **4.50**

Weight Per Dozen About 1¼ Pounds.

Two Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 2101W—White Bone Handle, 3½ in. Long..... **$4.50**

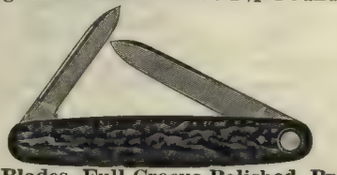
Weight Per Dozen About 1 Pound.

Two Blades, Glazed Finish, Brass Lined.

Per Dozen

No. 090—Celluloid Ivory Handle, 3⅞ in. Long..... **$8.90**

Weight Per Dozen About 1¼ Pounds.



Two Blades, Full Crocus Polished, Brass Lined, with Press Button.

Per Dozen

No. 100—Stag Handle, 3⅝ in. Long **$13.35**

Weight Per Dozen About 1⅛ Pounds.

Two Blades, Glazed Finish, Brass Lined, German Silver Bolsters.

Per Dozen

No. 367P—Pearl Handle, 2⅝ in. Long **$4.50**

Weight Per Dozen About ⅝ Pounds.

Two Blades, Full Crocus Polished, Brass Lined.

Per Dozen

No. C207—Full Pearl Handle, 2⅜ in. Long..... **$8.90**

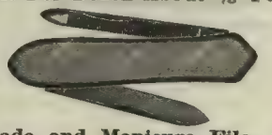
Weight Per Dozen About ⅝ Pounds.

Two Blades, Full Crocus Polished, German Silver Lined.

Per Dozen

No. 11289—Full Pearl Handle, 2½ in. Long..... **$8.90**

Weight Per Dozen About ⅝ Pound.



One Blade and Manicure File, Glazed Finish. Per Dozen

No. 359—Nickel Plated Handle, 3 in. Long..... **$6.75**

Weight Per Dozen About ½ Pound.

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 470—Pearl Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About ¾ Pound.

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 575—Pearl Handle, 3 in. Long **$8.90**

Weight Per Dozen About ⅝ Pound.

Two Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. C257—Pearl Handle, 2⅞ in. Long **$17.80**

Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 551—Cocoa Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About 1⅝ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.

Per Dozen

No. 574—Stag Handle, 3¼ in. Long **$8.90**

Weight Per Dozen About 1¾ Pounds.

All Above, One-half Dozen in a Box.

Pocket Knives.

Cuts Half Size.

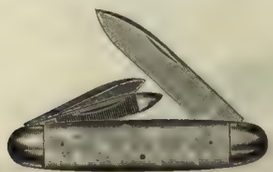
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 588—Pearl Handle, 3¼ in. Long **$8.90**
Weight Per Dozen About 1⅛ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 651—Pearl Handle, 2⅝ in. Long **$9.50**
Weight Per Dozen About ⅞ Pound.

Three Blades, Full Crocus Polished, Brass Lined.
Per Dozen
No. C317—Full Pearl Handle, 2⅜ in. Long..... **$8.90**
Weight Per Dozen About ¾ Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. C302—Ebony Handle, 2⅞ in. Long **$10.00**
Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Tips.
Per Dozen
No. C304—Stag Handle, 2⅞ in. Long **$10.00**
Weight Per Dozen About 1 Pound.



Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. C307—Pearl Handle, 2⅞ in. Long **$17.80**
Weight Per Dozen About 1¼ Pounds.
All Above One-half Dozen in a Box.

Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 410—Smoked Pearl Handle, 3⅜ in. Long..... **$8.90**
Weight Per Dozen About 1¼ Pounds.

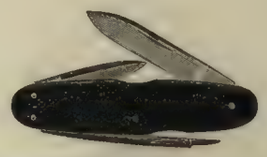
Four Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 691—Pearl Handle, 3 in. Long **$9.25**
Weight Per Dozen About 1 Pound.

Three Blades, Full Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 510—Pearl Handle, 3⅛ in. Long **$15.60**
Weight Per Dozen About 1¼ Pounds.

Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. 509—Pearl Handle, 3 in. Long **$15.60**
Weight Per Dozen About ⅞ Pound.

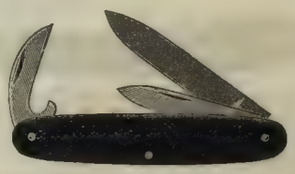
Three Blades, Half Crocus Polished, Brass Lined, German Silver Bolsters.
Per Dozen
No. C337—Pearl Handle, 3 in. Long **$15.60**
Weight Per Dozen About 1 Pound.

One Blade, Full Crocus Polished, Brass Lined.
Per Dozen
No. 465—Celluloid Ivory Handle, 3¼ in. Long..... **$11.10**
Weight Per Dozen About ¾ Pounds.
All Above One-half Dozen in a Box.



Two Blades and Manicure File, Full Crocus Polished.
Per Dozen
No. C328—Gun Metal Handle, 2¾ in. Long..... **$15.60**
Weight Per Dozen About ¾ Pound.

Three Blades, Full Crocus Polished.
Per Dozen
No. C308—Gun Metal Handle, 3 in. Long **$15.60**
Weight Per Dozen About ¾ Pounds.



Two Blades and Iron Cap Lifter, Full Crocus Polished.
Per Dozen
No. 5475—Gun Metal Handle, 3 in. Long **$8.90**
Weight Per Dozen About ⅞ Pound.

Two Blades, Champagne Opener, Cigar Clipper and Cork Screw, Full Crocus Polished.
Per Dozen
No. 766—German Silver Handle, 3¼ in. Long..... **$18.90**
Weight Per Dozen About 1½ Pounds.

All Above One-half Dozen in a Box.

Knife Purses.

Fine Quality Suede, Glove Button Fastener.

Nos.	OB	01	02
Length, Inches...	2¾	3	3½
Per Dozen	$1.15	1.15	1.15

	Extra Wide	
Nos.	03	04
Length, Inches....	3¾	3½
Per Dozen	$1.15	1.15

Weight Per Dozen About ¼ Pound.
Three Dozen in a Box.

Razors.

The EVERKEEN and Pritzlaff Razors are made from the highest grade of selected quality English Razor Steel. They are hand forged, hand ground and hand honed, by expert German workmen. They are perfect in every particular, set ready for use and fully guaranteed.

PRITZLAFF EVERKEEN WARRANTED

Cuts Half Size.

Full Concave Blade, Honed Point, Diamond Back, Extra Fine Glaze Finish, File Tang, Black Rubber Handle.

Per Dozen

No. 875½—½ in. Blade.....**$31.10**
No. 875⅝—⅝ in. Blade..... **31.10**
No. 875¾—¾ in. Blade..... **31.10**

Weight Per Dozen About 2⅛ Pounds.

Full Concave Blade, Round Point, Diamond Back, Extra Fine Glaze Finish, File Tang, Black Rubber Handle.

Per Dozen

No. 875R—⅝ in. Blade.....**$31.10**

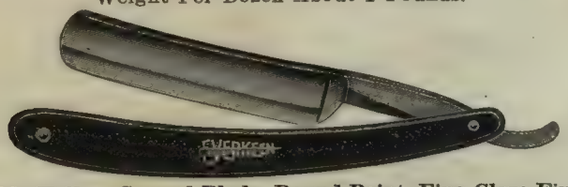
Weight Per Dozen About 1⅝ Pounds.

Double Hollow Ground Blade, Honed Point, Fine Glaze Finish, Polished File Tang, Black Rubber Handle.

Per Dozen

No. 601½—½ in. Blade.....**$33.35**
No. 601⅝—⅝ in. Blade..... **33.35**
No. 601¾—¾ in. Blade..... **33.35**

Weight Per Dozen About 2 Pounds.



Double Hollow Ground Blade, Round Point, Fine Glaze Finish, Polished File Tang, Black Rubber Handle.

Per Dozen

No. 601R—⅝ in. Blade.....**$33.35**

Weight Per Dozen About 1⅝ Pounds.

Full Concave Blade, Honed Point, Crocus Polish on Face Side Gold Etching, Smoked Pearl Tang, Smoked Pearl Handle.

Per Dozen

No. 851—⅝ in. Blade.....**$40.00**

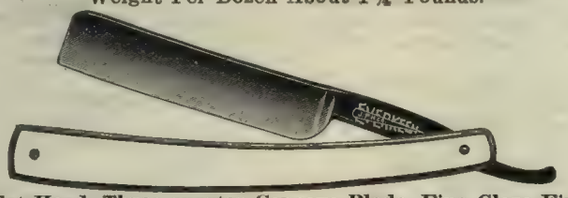
Weight Per Dozen About 1¾ Pounds.

Full Concave Blade, Honed Point, Diamond Back, Full Crocus Polish, Gold Etching, Ivory File Tang, Shell Celluloid Handle.

Per Dozen

No. 855—⅝ in. Blade.....**$40.00**

Weight Per Dozen About 1¾ Pounds.

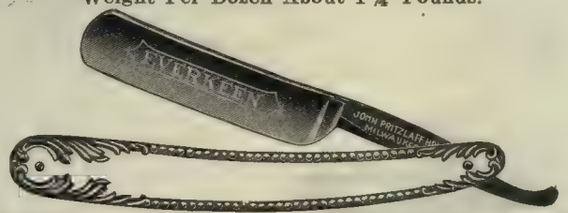


Bullet Head, Three-quarter Concave Blade, Fine Glaze Finish, Gun Metal Finish Back and Tang, Square End Ivory Flat Celluloid Handle.

Per Dozen

No. 840—⅝ in. Blade.....**$33.35**

Weight Per Dozen About 1¾ Pounds.

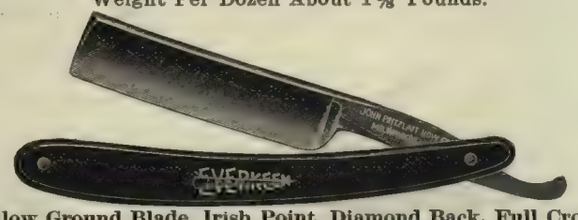


Full Concave Blade, Round Point, Crocus Polish on Face Side, Gold Etching, Antique Fancy Ivory Celluloid Handle.

Per Dozen

No. 974—⅝ in. Blade.....**$33.35**

Weight Per Dozen About 1⅝ Pounds.



Hollow Ground Blade, Irish Point, Diamond Back, Full Crocus Polish, Silver Etching, Polished File Tang, Black Rubber Handle.

Per Dozen

No. 852—¾ in. Blade.....**$24.50**

Weight Per Dozen About 2 Pounds.

Three-quarter Concave Blade, Hone Point, Fine Glaze Finish, Black Etching, Black Rubber Handle.

Per Dozen

No. 856—⅝ in. Blade.....**$17.80**

Weight Per Dozen About 1½ Pounds.

All Above, One-half Dozen in a Box.

Razors.

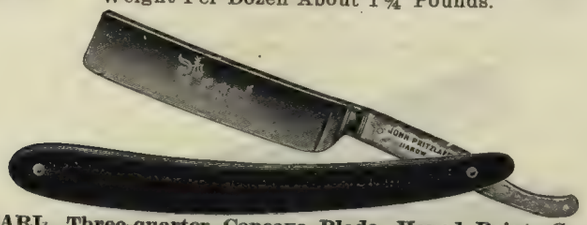
Cuts Half Size.

GOLD BOND, Bullet Head, Extra Full Concave Blade, Honed Point, Very Fine Glaze Finish, Electro Gold Plated Back and Tang, Amber Celluloid Handle.

Per Dozen

No. 1000—⅝ in. Blade.....**$40.00**

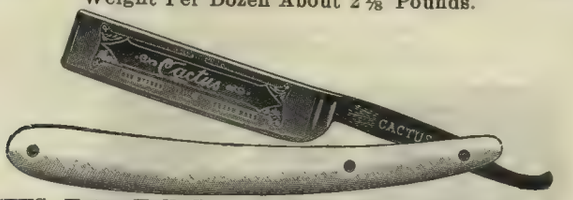
Weight Per Dozen About 1¾ Pounds.



PEARL, Three-quarter Concave Blade, Honed Point, Crocus Polish on Face Side, Black Etching, Pearl Tang, Black Rubber Handle. Per Dozen

No. 980—⅝ in. Blade.....**$46.75**

Weight Per Dozen About 2⅛ Pounds.

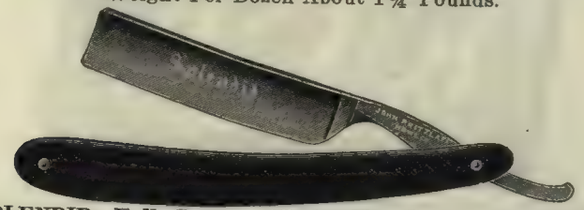


CACTUS, Extra Full Concave Blade, Honed Point, Damascus Etching, Handle with Center Support. Per Dozen

No. 66B—⅝ in. Blade, Black Rubber Handle.....**$40.00**

No. 66W—⅝ in. Blade, Ivory Celluloid Handle..... **40.00**

Weight Per Dozen About 1¾ Pounds.

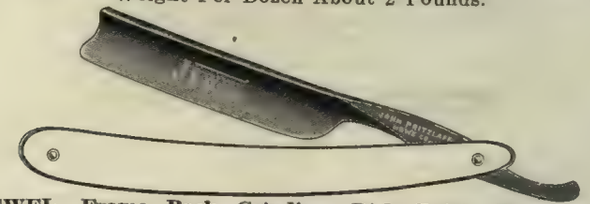


SPLENDID, Full Concave Blade, Honed Point, Fine Glaze Finish, Black Etching, File Tang, Black Rubber Handle.

Per Dozen

No. 900—⅝ in. Blade.....**$31.15**

Weight Per Dozen About 2 Pounds.



JEWEL, Frame Back Grinding, Dish Point, Full Crocus Polished, Gold Etching, File Tang, Ivory Celluloid Handle.

Per Dozen

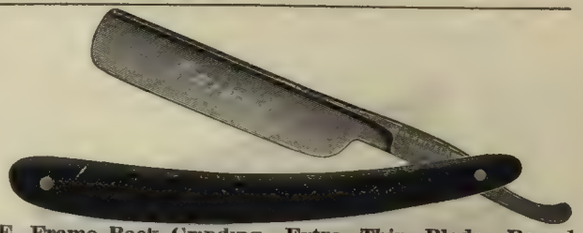
No. 935—½ in. Blade.....**$29.00**

Weight Per Dozen About 2 Pounds.

OUR PRIDE, Three-quarter Concave Blade, Honed Point, Crocus Polish on Face Side, Gold Etching, Black Rubber Handle. Per Dozen

No. 812—⅝ in. Blade.....**$26.65**

Weight Per Dozen About 1½ Pounds.

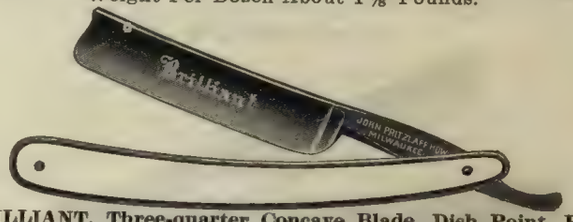


PRINCE, Frame Back Grinding, Extra Thin Blade, Round Point, Full Crocus Polish, Black Rubber Handle.

Per Dozen

No. 920—⅝ in. Blade.....**$26.65**

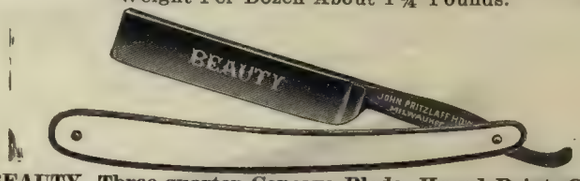
Weight Per Dozen About 1⅞ Pounds.



BRILLIANT, Three-quarter Concave Blade, Dish Point, Fine Glaze Finish, Black Etching, File Tang, Ivory Celluloid Handle. Per Dozen

No. 850—⅝ in. Blade.....**$26.65**

Weight Per Dozen About 1¾ Pounds.

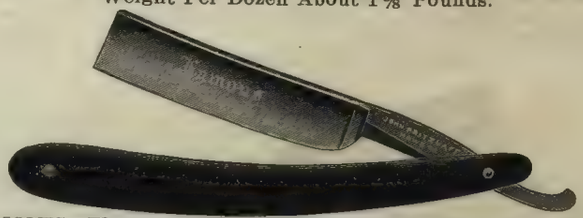


BEAUTY, Three-quarter Concave Blade, Honed Point, Crocus Polish on Face Side, Gold Etching, Ivory Celluloid Handle.

Per Dozen

No. 825—½ in. Blade.....**$26.65**

Weight Per Dozen About 1⅝ Pounds.

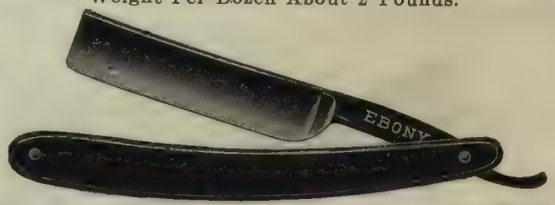


FAMOUS, Three-quarter Concave, Honed Point, Fine Glaze Finish, Black Etching, Black Rubber Handle.

Per Dozen

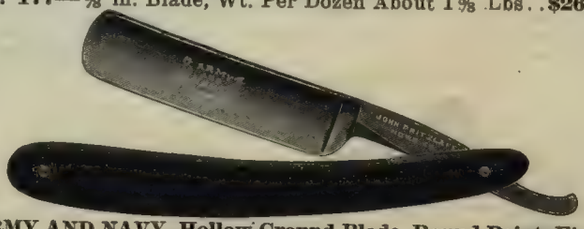
No. 800—⅝ in. Blade.....**$22.25**

Weight Per Dozen About 2 Pounds.



EBONY, Three-quarter Concave Blade, Honed Point, Fine Glaze Finish, Gun Metal Finish Back and Tang, Black Rubber Handle. Per Dozen

No. 177—⅝ in. Blade, Wt. Per Dozen About 1⅝ Lbs..**$26.65**



ARMY AND NAVY, Hollow Ground Blade, Round Point, Finely Glaze Finished, Black Etching, Black Rubber Handle.

Per Dozen

No. 375—¾ in. Blade.....**$17.80**

Weight Per Dozen About 2¼ Pounds.

All Above, One-half Dozen in a Box.

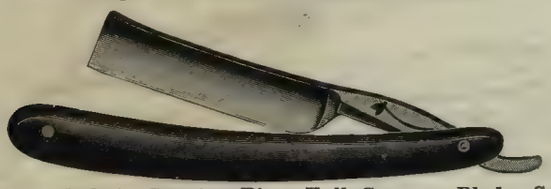
Razors.

Cuts Half Size.

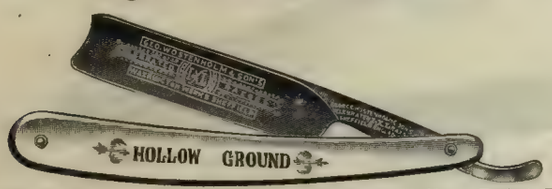
Reliable, Hollow Ground Blade, Hollow Point, Glaze Finish, Black Etching, Black Rubber Handle. Per Dozen
No. 610—⅝ in. Blade $13.35
Weight Per Dozen About 2⅛ Pounds.

WOSTENHOLM

Wostenholm, Full Concave Blade, Honed Point, Full Crocus Polish, Milled Pearl Tang, Black Rubber Handle. Per Dozen
No. 01846—⅝ in. Blade $44.50
Weight Per Dozen About 1¾ Pounds.

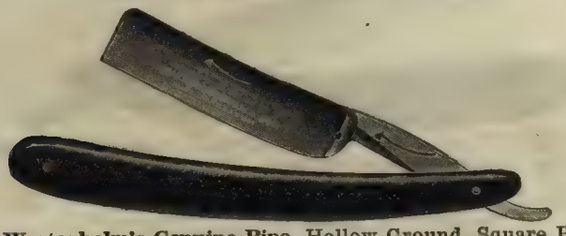


Wostenholm's Genuine Pipe, Full Concave Blade, Square Point, Fine Glaze Finish, Black Rubber Handle. Per Dozen
No. 01461—⅝ in. Blade $28.00
Weight Per Dozen About 1¾ Pounds.

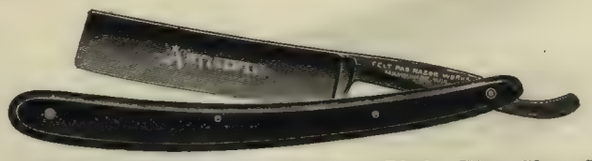


Wostenholm's, Frame Back Grinding, Hollow Point Blade, Full Crocus Polish, Gold Etching, Ivory Celluloid Handle. Per Dozen
No. 01323—⅝ in. Blade $24.50
Weight Per Dozen About 2 Pounds.

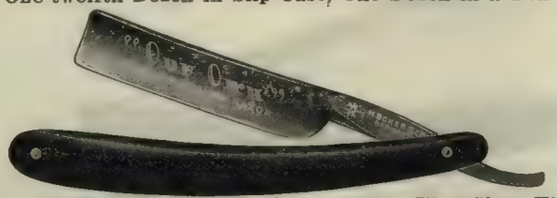
Wostenholm's, Full Concave Blade, Square Point, Fine Glaze Finish, Black Rubber Handle. Per Dozen
No. 01163—⅝ in. Blade $20.00
Weight Per Dozen About 1⅞ Pounds.



Wostenholm's Genuine Pipe, Hollow Ground, Square Point, Fine Glaze Finish, Black Rubber Handle. Per Dozen
No. 02363—⅝ in. Blade.....$18.90
Weight Per Dozen About 2 Pounds.
All Above, One-half Dozen in a Box.



Antiseptic, Three-quarter Concave Blade, Fine Glaze Finish, Gold Etching, Patented Felt Lined, Black Rubber Handle. Per Dozen
No. 473 —⅝ in. Blade, **Square** Point.....$35.55
No. 473R—⅝ in. Blade, **Round** Point..... 35.55
Weight Per Dozen About 3 Pounds.
One-twelfth Dozen in Slip Case, One Dozen in a Box.

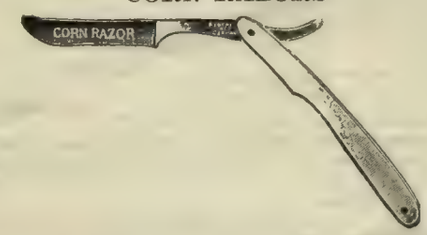


Our Own, Hollow Ground, Honed Point, Fine Glaze Finish, Black Etching, File Tang, Black Rubber Handle. Per Dozen
No. 226—⅝ in. Blade $18.90
Weight Per Dozen About 2 Pounds.
One-half Dozen in a Box.

RAZOR ASSORTMENTS

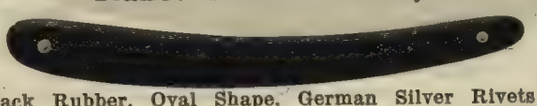
In Silk Lined Imitation Alligator or Seal Display Case, with Glass Top. Per Case
No. 521—Assortment, Containing Six Razors, ⅝ in. Extra Hollow Ground Etched Blades, Assorted Points, Assorted Ivory, Celluloid and Black Rubber Handles.....$16.75
Weight Per Assortment About 1 Pound.
One Assortment in a Case.

CORN RAZORS



Full Crocus Polished Blades. Per Dozen
No. 125—Ivory Celluloid Handle.....$ 8.90
No. 126—Pearl Handle 20.00
Weight Per Dozen About ½ Pound.
One-half Dozen in a Box.

Razor Handles Only.



Black Rubber, Oval Shape, German Silver Rivets and Washers.

For Blades, Inches.....	½	⅝	¾
Weight Per Dozen About, Lbs.	½	½	½
Per Dozen	$2.70	2.70	2.70

Open Stock.

Safety Razors.

AUTO STROP

Standard Set.

Consists of One Razor, Twelve Blades and One Shell Horsehide Strop in 1½x4½ in. Leather Case. Per Set

No. 1—Silver Plated Razor, in Satin Lined Black Leather Case **$8.35**

No. 1A—Silver Plated Razor, in Pigskin Case **9.20**

Weight Per Set About ¾ Pound.

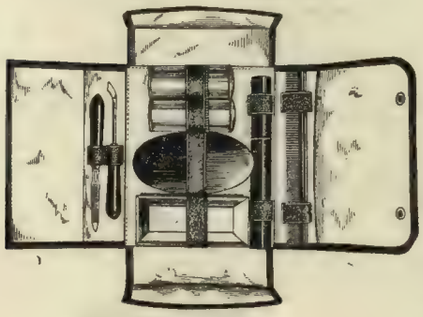
Combination Set.

Consists of One Razor, Twelve Blades, One Shell Horsehide Strop, Collapsible "Rubberset" Lather Brush, Stick of Colgate's Shaving Soap in Silver Plated Push Bottom Tube, All Contained in 3¼x4¼ in. Leather Case.

Per Set

No. 15—Silver Plated Razor, in Morocco Grain Black Leather Case **$10.00**

Weight Per Set About 1 Pound.



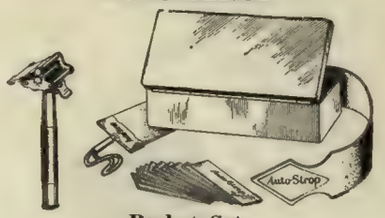
Tourist's Kit.

Consists of Auto Strop Razor Set in Nickel Plated Case, Rubberset Shaving Brush, Colgate's Soap in Silver Plated Push Bottom Tube, Real Ebony Hand Drawn Military Brush, Comb, Black Celluloid Tube for Tooth Brush, Cuticle Knife, Nail File, All Contained in Traveling Kit, Fitted with Patented Hanger for Pullman Car Service.

Per Set

No. 600—Tourist's Kit, in Black Seal Grained Leather Traveling Kit, Leather Lined, Box Shape **$16.65**

Weight Per Set About 2 Pounds.



Pocket Set.

Consists of One Razor, Twelve Blades and One Shell Horsehide Strop, in 1½x4½ in. Metal Case. Per Set

No. 50—Silver Plated Razor, in Velvet Lined Nickel Plated Case ..... **$ 8.35**

No. 53—Gold Plated Razor, in Polished Gun Metal Finish Case **9.20**

No. 54/S—Silver Plated Razor, in Satin Gun Metal Finish Case **8.35**

No. 55—Gold Plated Razor, in Polished Finish Gold Plated Case **10.00**

Weight Per Set About ¾ Pound.

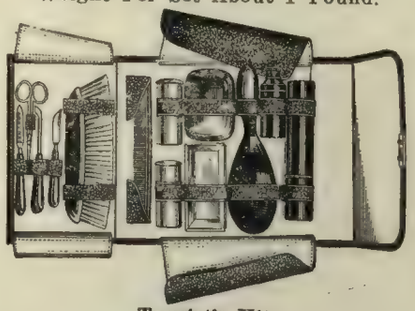
Combination Set.

Consists of One Razor, Twelve Blades, One Shell Horsehide Strop, Fine Quality Rubberset Lather Brush, Stick of Colgate's Shaving Soap in Silver Plated Push Bottom Tube, All Contained in 3¾x5 in. Leather Case. Per Set

No. 25—Silver Plated Razor, in Morocco Grain Black Leather Case **$10.85**

No. 25B—Gold Plated Razor, Soap and Brush Tubes, in Pigskin Case **16.70**

Weight Per Set About 1 Pound.



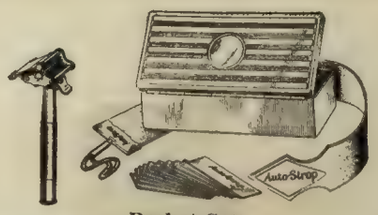
Tourist's Kit.

Consists of Auto Strop Razor Set in Nickel Plated Case, Rubberset Shaving Brush, Colgate's Soap in Silver Plated Push Bottom Tube, Genuine Ebony Hand Drawn Hair Brush, Comb, Large Cylinder for Tooth and Nail Brush, Tooth Powder Box, Large Soap Box, Combination Flat Hat and Clothes Brush, Corn Knife, Cuticle Knife, Nail File and Scissors, All Contained in Soft Fold Kit Fitted with Patented Hanger for Pullman Car Service. Per Set

No. 602—Tourist's Kit, in Black Seal Grain Morocco Kit, Soft Folding **$30.00**

Weight Per Set About 5 Pounds.

All Above, One Set in a Box.



Pocket Set.

Consists of One Razor, Twelve Blades and One Shell Horsehide Strop, in 1½x4½ in. Embossed Metal Case.

Per Set

No. 251—Silver Plated Razor, in Velvet Lined Embossed Nickel Plated Case..... **$ 8.35**

No. 252/S—Silver Plated Razor, in Embossed Polished Gun Metal Finished Case..... **8.35**

No. 254—Gold Plated Razor, in Embossed Satin Gun Metal Finish Case **9.20**

No. 255—Gold Plated Razor, in Embossed Satin Finish Gold Plated Case **10.00**

Weight Per Set About ¾ Pound.

Combination Set.

Consists of One Razor, Twelve Blades, One Shell Horsehide Strop, Fine Quality Rubberset Lather Brush, Stick of Colgate's Shaving Soap in Gold Plated Push Bottom Tube, Removable Beveled Edge Plate Mirror, All Contained in 4x5¾ in. Leather Case. Per Set

No. 30—Gold Plated Razor, in Morocco Grain Black Leather Case **$15.00**

Weight Per Set About 2 Pounds.

Safety Razor Blades.

AUTO STROP

For Auto Strop Safety Razors.

Each Blade Contained in Moisture Proof Paper. Per Set

Auto Strop Blades—Six in Set... $0.85

Auto Strop Blades—Twelve in Set 1.70

Weight Per Set About 1 Ounce.

Safety Razor Strops.

Each

Auto Strop Strops—Shell Horsehide **$0.85**

Auto Strop XX Strops — (De Luxe), Special Selected Shell Horsehide Butts **1.70**

One-half Dozen in a Box.

Safety Razors.

GILLETTE

Standard Set.

Consists of One Razor and Twelve Double Edged Blades in Metal Box, All Contained in 3¾x2¼x1¾ in. Leather Case.

Per Set

No. 460—Triple Silver Plated Razor, in Velvet Lined Morocco Case **$8.35**

Weight Per Set About ½ Pound.
One Set in a Box.

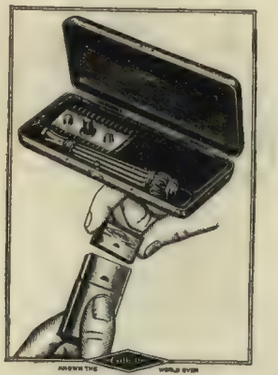
Standard Set.

Consists of One Razor and Twelve Double Edged Blades in Metal Box, All Contained in 3½x1⅞x1⅜ in. Metal case.

Per Set

No. 460B—Triple Silver Plated Razor, in Velvet Lined Nickel Plated Case **$8.35**

Weight Per Set About ¾ Pound.
One Set in a Box.



Pocket Edition.

Consists of One Razor and Twelve Double Edged Blades in Metal Box, All Contained in 4x2x⅝ in. Metal Case.

Per Set

No. 500—Triple Silver Plated Razor, in Plain Silver Plated Velvet Lined Case..... **$8.35**

Weight Per Set About ½ Pound.
One Set in a Flannel Bag Packed in a Carton.

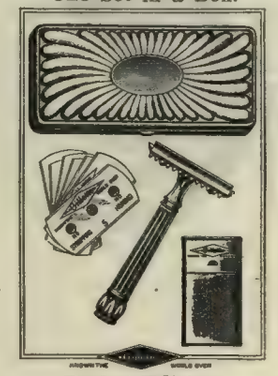
Pocket Edition.

Consists of One Razor, Twelve Double Edged Blades in Metal Box, All Contained in 4x2x⅝ in. Metal Case.

Per Set

No. 501—Triple Silver Plated Razor, in Triple Silver Plated Basket Pattern Velvet Lined Metal Case **$8.35**

Weight Per Set About ½ Pound.
One Set in Flannel Bag Packed in a Carton.



Pocket Edition.

Consists of One Razor, Twelve Double Edged Blades in Metal Box, All Contained in 4x2x⅝ in. Metal Box.

Per Set

No. 502—Triple Silver Plated Razor in Triple Silver Plated Shell Pattern Velvet Lined Case ..... **$ 8.35**

No. 502B—Gold Plated Razor in Gold Plated Shell Pattern Velvet Lined Case..... **10.00**

Weight Per Set About ½ Pound.
One Set in Flannel Bag, Packed in a Carton.

Bull Dog.

Consists of One Razor with Stocky Bull Dog Handle, Twelve Double Edge Blades in Metal Box, All Contained in Oval Leather Case.

Per Set

Bull Dog—Triple Silver Plated Razor, in Gray Antique Leather Velvet Lined Case..**$8.35**

Weight Per Set About ½ Pound.
One Set in a Box.

No. 461.

COMBINATION SETS

Per Set

No. 461—Set Consists of Triple Silver Plated Razor, 12 Double Edge Blades in Metal Box, Telescope Pattern Badger Hair Shaving Brush, Stick of Gillette Shaving Soap in Silver Plated Holder, All Contained in Velvet Lined Morocco Leather Covered Case, Size Closed 3¾x3¾x1⅞ in. **$10.00**

Weight Per Set About 1 Pound.

STANDARD COMBINATION SET

Per Set

No. 00—Set Consists of Triple Silver Plated Razor, Badger Hair Shaving Brush and Stick of Gillette Shaving Soap in Triple Silver Plated Holders, Two Metal Boxes with 12 Double Edged Blades, All Contained in Seal Leather Case, Size Closed 3¾x5x1¾ in..... **$10.85**

Weight Per Set About 1 Pound.
One Set in a Box.

No. 00.

GILLETTE BLADES

Each Blade Put up in Separate Envelope.

Per Set

Extra Blades—12 Blades in a Set, for Gillette Safety Razors..... **$1.70**

Extra Blades— 6 Blades in a Set, for Gillette Safety Razors..... **.85**

Weight Per Set About 1 Ounce.
Ten Sets in a Package.

Safety Razors.

EVER-READY

No. 12B.

Ever-Ready Set. Per Dozen

No. 12B—Nickel Plated Hard Brass Frame, Solid Handle, 12 Radio Steel Blades, Length Over All 3 in., Width 1¾ in., in Leatherette Covered Velvet Lined Solid Wood Case, Size of Case Closed 3½x2⅛x1¼ in. **$18.70**

Weight Per Dozen About 5½ Pounds.
One Dozen in a Box.

Ever-Ready Combination Set. Per Dozen

No. 2—Combination Set, Consists of Ever-Ready Safety Razor, 12 Radio Steel Blades, Ever-Ready Stropping Machine, with Genuine Horsehide Strop, Nickel Trimmed, in Leatherette Covered Velvet Lined Solid Wood Case, Size of Case Closed 4¾x2¼x2 in. **$40.00**

Weight Per Dozen About 7 Pounds.
One-twelfth Dozen in a Box.

No. 2.

Cut Shows Packages Mounted on Card.

EVER-READY SAFETY RAZOR BLADES

Cut Shows Carton.

Made of Radio Steel. Per Gross

Ever-Ready Blades—Mounted on Card, Containing 12 Packages of 10 Blades and 4 Packages of 6 Blades Each to the Package **$11.75**

Per Package

Ever-Ready Blades—6 in a Package, 24 Packages in a Carton..... **$0.52**
Ever-Ready Blades—10 in a Package, 12 Packages in a Carton..... .85
Ever-Ready Blades—12 in a Package, 12 Packages in a Carton..... 1.00

Weight Per Carton About 2 Pounds.

PENN

Penn Safety. Per Dozen

Penn—Triple Silver Plated Frame and Knurled Handle, Equipped with a Smooth Drop Flange Guard, Length Over All 3⅜ in., Complete with One Package of 5 Penn Sheffield Blades, Put up in Spring Hinged Steel Box, Covered with Hand Tooled Spanish Leather, Dark Purple Velvet Lining, Size of Box when Closed 4x2x⅞ in.. **$17.35**

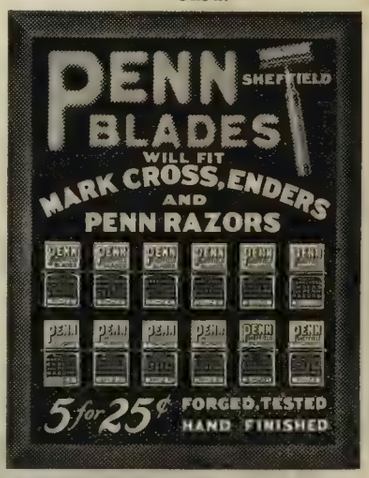
Weight Per Dozen About 4 Pounds.
One-twelfth Dozen in a Box; One Dozen in a Carton.

PENN SHEFFIELD BLADES

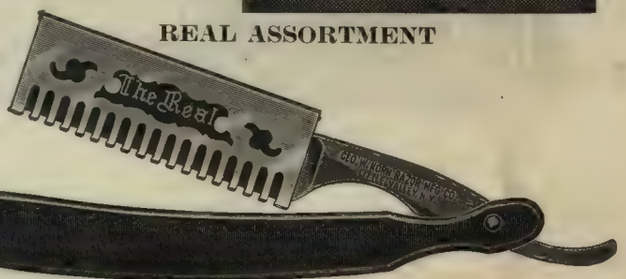
Individually Forged and Hand Tested, Natural Damascus Finish. Per Card

Penn Sheffield Blades—5 Blades in a Package, 12 Packages Mounted on a 9¾x11½ in. Lithographed Display Card..... **$4.50**

Weight Per Card 5 Ounces.
One Card in an Envelope.



REAL ASSORTMENT



REAL

Full Concave Blade, Honed Point, Fine Glazed Finish, Black Rubber Handle, Reversible Guard, Nickel Plated.
Per Dozen

No. 100—⅝ in. Wide Blade..... **$30.00**

Weight Per Dozen About 2 Pounds.
One-twelfth Dozen in a Box.

Extra Hollow Ground, Full Crocus Polished Blades, Assorted Handles, with Patent Indent, Nickel Plated Guard.
Per Assortment

No. 16—Containing 6 Assorted Real Razors, ⅝ in. Blades, Assorted Colored Handles, Emerald, Ruby, Sapphire, Shell, Ivoroid and Aqua Marine, Each Razor Packed in a Leather Pocket, Absolutely Rustproof, Each Pocket Enclosed in a Separate Box, 6 Boxes in a Carton with Handsome Display Card in 6 Colors, Weight Per Assortment About 1½ Lbs. **$20.00**

Razor Stroppers.

ZIG ZAG

Finest Leather Strop, Handsomely Polished Nickel Plated Metal Parts, Furnished with Two Auxiliary Blade Holders, so that with This Stropper Any Style of Safety Razor Blade Can be Perfectly Stropped.

New Improved.

Per Dozen

No. 1Z—14x1¾ in. Strop, Packed in Plain Pasteboard Box **$17.80**

Weight Per Dozen About 4½ Pounds.

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

Travelers'.

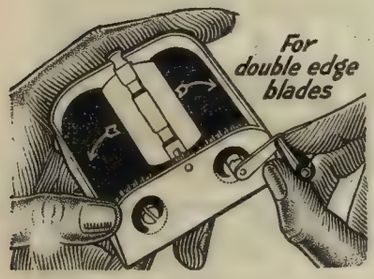
Per Dozen

No. 2Z—14x1¾ in. Strop, Packed in 5x2½x2 in. Handsome Leather Case **$35.60**

Weight Per Dozen About 6½ Pounds.

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

TWINPLEX



Polished and Nickel Plated Brass Case, Black Horsehide Covered Rollers, Bronze Gears, Detachable Handle.

Per Dozen

No. G1—Size 2¾x2½x1½ in., Put up in Handsome Plush Lined Case, Weight Per Dozen About 9 Lbs **$66.75**

Strops two edges at once. The two rollers revolve in opposite directions, each stropping a different edge. At each complete revolution of the rollers, the blade automatically turns over and the rollers strop the other side.

One-twelfth Dozen in a Carton.

BOKER UNIVERSAL

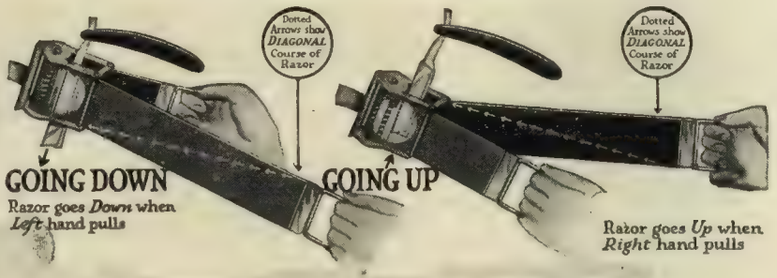
Cold Rolled Steel Metal Parts, Nickel Plated on Copper, Spring Brass Blade Holder, Solid Grain Leather Strop, for Old Style Razors, Packed with Auxiliary Holders for all Standard Safety Razor Blades.

Per Dozen

No. 100—16 in. Long Over All, 3¼ in. Wide, Weight Per Dozen About 7½ Lbs **$18.70**

One-twelfth Dozen in a Box, One-half Dozen in a Carton.

KANNER'S SLYDE STROKE



Nickel Plated Steel Frame, Spring Blade Holders, Thoroughly Prepared Leather Strop, for Old Style Razors, Packed with Auxiliary Holders for all Standard Safety Razor Blades, Sharpens Razor and Blades with Diagonal Stroke.

Per Dozen

No. 12—16½ in. Long Over All, 2¾ in. Wide, Weight Per Dozen About 11¾ Lbs **$40.00**

The blade moves up and down and the strop moves laterally across the razor edge, giving the smoothest, keenest and sharpest shaving edge possible.

One-twelfth Dozen in a Carton.

Razor Strops.

EVERKEEN J.P.H.CO. TRADE MARK

EVERKEEN, Double Leather, Genuine Shell and Horsehide, Stitched Fashion Handles, Nickel Plated Military Swivel. Silver Embossing.

Per Dozen

No. 7—2¼x24 in., Weight Per Dozen About 6½ Lbs. . **$24.50**

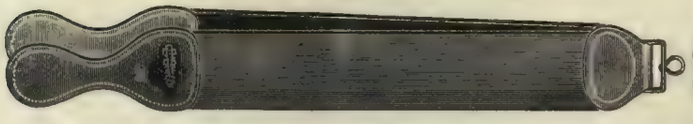
One-half Dozen in a Box.

EVERKEEN, Double Leather, Genuine Horsehide, Self-Honing, Extra Heavy and Well Finished, Nickel Plated Removable Cap Swivel, Silver Embossing.

Per Dozen

No. 250—2¼x24 in., Weight Per Dozen About 5 Lbs. . **$17.80**

One-half Dozen in a Box.



EVERKEEN, Double Leather, Genuine Horsehide, Stitched Fashion Handles, Nickel Plated Swivel, Silver Embossing.

Per Dozen

No. 210—2½x25 in., Weight Per Dozen About 7 Lbs. . **$16.70**

One-half Dozen in a Box.

EVERKEEN, Double Leather, Genuine Horsehide, Stitched Fashion Handle, Silver Embossing.

Per Dozen

No. 8—2¼x24 in., with Nickel Plated Military Swivel, Weight Per Dozen About 7 Lbs. **$17.80**

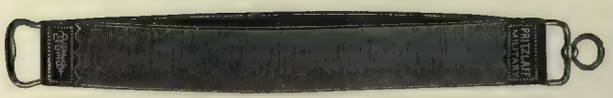
No. 20—2x21 in., with Nickel Plated Double Loop Swivel, Weight Per Dozen About 5 Lbs. **10.00**

EVERKEEN, Double Leather, Genuine Horsehide Finish Side, London Grain Leather Sharpening Side, Stitched Fashion Handle, Black Enameled Double Loop Swivel, Silver Embossing.

Per Dozen

No. 21—2x21 in., Weight Per Dozen About 4 Lbs. **$8.90**

One-half Dozen in a Box.



EVERKEEN, Double Leather, Genuine Horsehide, Nickel Plated Military Swivel and Handle, Silver Embossing.

Per Dozen

No. 18—2¼x24 in., Weight Per Dozen About 6 Lbs. . . **$17.80**

One-half Dozen in a Box.

EVERKEEN, Double Leather, Black Shell Grade Horsehide and Buffalo Hide, Stitched Fashion Handle, Black Hook Swivel, Silver Embossing.

Per Dozen

No. 300—2¼x26 in., Weight Per Dozen About 6 Lbs. . **$14.50**

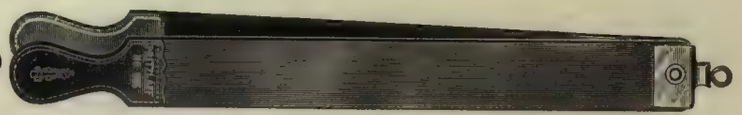
One-half Dozen in a Box.

EVERKEEN, Double Leather, Genuine Colt Shell and Black Horsehide, Stitched Fashion Handle, Nickel Plated Double Loop Swivel, Silver Embossing.

Per Dozen

No. 30—2¼x23 in., Weight Per Dozen About 4 Lbs. . . **$13.35**

One-half Dozen in a Box.



EVERKEEN, Double Leather, Black Leather Sharpening Side, Oiled Leather Finishing Side, Fashion Handles, Nickel Plated Removable Cap Swivel, Silver Embossing.

Per Dozen

No. 965—2¼x24 in., Weight Per Dozen About 4 Lbs. . **$13.35**

One-half Dozen in a Box.

EVERKEEN, Double Leather, Calfskin Sharpening Side, Red Horsehide Finishing Side, Stitched Fashion Handle, Nickel Plated Military Swivel, Silver Embossing.

Per Dozen

No. 40—2¼x23 in., Weight Per Dozen About 5 Lbs. . . **$11.10**

One-half Dozen in a Box.

EVERKEEN, Double Tan Horsehide and Special Web, Stitched Fashion Handles, Nickel Plated Swivel, Silver Embossing.

Per Dozen

No. 242—2¼x23 in., Weight Per Dozen About 4 Lbs. . . **$8.90**

One-half Dozen in a Box.

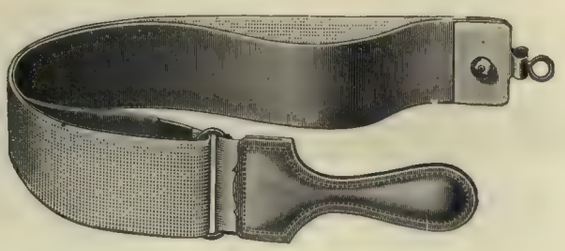
Razor Strops.

Double, Self-Honing, Oiled Leather, Fashion Handles, Nickel Plated Removable Cap Swivel.

Per Dozen

No. 155—2¼x24 in., Weight Per Dozen About 6 Lbs. . **$20.00**

One-half Dozen in a Box.



Double, Best Quality Prepared Calf and Linen, Padded Loop Handle, Nickel Plated Removable Cap Swivel.

Per Dozen

No. 201—2¼x19 in., Weight Per Dozen About 6 Lbs. . **$20.00**

One-twelfth Dozen in a Carton, One-half Dozen in a Box.

Double, Tan Calfskin, Web Filled, Padded Loop Handle, Double Loop Nickel Plated Swivel.

Per Dozen

No. 301—2¼x24 in., Weight Per Dozen About 6 Lbs. . . **$8.90**

One-half Dozen in a Box.

Double, Porpoise Hide Strop, Solid Web Filled, Flat Loop Handle, Nickel Plated Swivel.

Per Dozen

No. 434—Excelsior, 2¼x24 in., Weight Per Dozen About 4 Lbs. **$6.70**

One-half Dozen in a Box.

No. X23.

Double, Genuine Horsehide Strop, Web Filled, Padded Handle, Nickel Plated Swivel.

Per Dozen

No. X23—2x20 in., Weight Per Dozen About 4 Lbs. **$4.50**

One Dozen in a Box.

Double, Tan Horsehide, Web Filled, Fashion Handles, Nickel Plated Swivel.

Per Dozen

No. 802—Rough Rider, 2x22 in., Weight Per Dozen About 4 Lbs. **$5.60**

One-half Dozen in a Box.

Horsehide Fashion Handle, Nickel Plated Eyelet.

Per Dozen

No. 205—2x22 in., Buff Horsehide, Weight Per Dozen About 1½ Lbs. **$4.50**

No. 206—2¼x24 in., Genuine Horsehide, Mahogany Brown, Specially Prepared for Immediate Use, Weight Per Dozen About 2½ Lbs. **6.75**

No. 205, Three Dozen; No. 206, One Dozen in a Box.

Combination and German Belt Strops.

Per Dozen

No. 7X—13½ in. Long, No. 1 Sharpening Hone and Two Stropping Belt Surfaces, with Fine Buffed Leather Finishing Side, Weight Per Dozen About 7 Lbs. **$8.90**

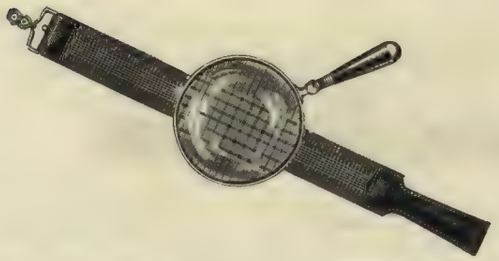
One-half Dozen in a Box.

Per Dozen

No. 022—13½ in. Long, No. 1 Sharpening Hone and Two Stropping Belt Surfaces with Fine Buffed Leather Finishing Side, Weight Per Dozen About 6 Lbs. **$6.75**

One-half Dozen in a Box.

Carborundum Razor Strops.



Showing Corrugations and Carborundum Powder Under Magnifying Glass.

Carborundum Razor Strops are made from the finest of selected horsehide, hand-buffed and finished. The sharpening sides of the strops are corrugated and into the corrugations and into the texture of the leather the finest hand-washed Carborundum Powder is worked.

This feature, which is only found in Carborundum Strops, brings the dullest razor to an edge after but two or three strokes. The strops are fitted with new, novel and practical hardware and will retain their pliability for years.

Splendid Quality Horsehide, Single Ring Holder, Embossed Handle.

Per Dozen

No. 459—2¼x22 in., Weight Per Dozen About 3 Lbs. . . **$8.35**

Medium Weight Genuine Horsehide, Nickel Plated Swivel and Ring, Embossed Russet Leather Handle.

Per Dozen

No. 436—2¼x26 in., Weight Per Dozen About 3 Lbs. . **$12.25**

Each Strop Packed in Tissue Sleeve with Printed Directions, One-half Dozen in a Box.

Heavy Genuine Horsehide, Brass Gilt Finish Swivel and Split Ring, Embossed Leather Handle.

Per Dozen

No. 440—2¼x26 in., Weight Per Dozen About 4½ Lbs. **$14.50**

Heavy Weight Genuine Shell Horsehide, Red Finish, Brass Gilt Finish Swivel and Ring, Embossed Russet Leather Handle.

Per Dozen

No. 428—2¼x26 in., Weight Per Dozen About 4 Lbs. . **$17.50**

Each Strop Packed in Tissue Sleeve with Printed Directions, One-half Dozen in a Box.

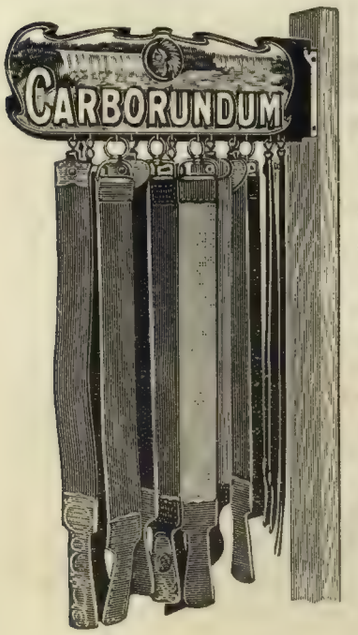
Medium Weight Genuine Shell Horsehide, Satin Tan Finish, Brass Gilt Finish Swivel and Split Ring, Embossed Russet Leather Handle.

Per Dozen

No. 431—2¼x26 in., Weight Per Dozen About 4 Lbs. **$20.60**

Each Strop Packed in Tissue Sleeve with Printed Directions, One-half Dozen in a Box.

Carborundum Razor Strop Display Hanger.

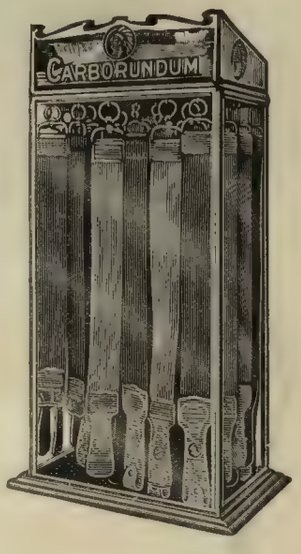


This Hanger consists of a beautiful lithographed steel display panel. The panel is done in eight colors and white, showing a striking view of Niagara Falls and the Indian Head trade-mark of the Carborundum line. The display panel is fitted with a bracket that can be put up in a display window corner, attached to a display case, counter or store wall. At the bottom of the panel are placed a series of hooks to which are hung a dozen Carborundum Razor Strops.

Given free with two dozen razor strops.

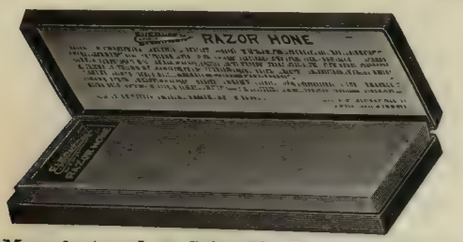
Carborundum Razor Strop Display Case.

This Case is 29 inches high, 9¾ inches deep and 15½ inches wide. It has a steel frame, copper oxide finish and heavy glass panels. The interior of the case is fitted with a series of hooks arranged on sliding bars. Strops all hang full length the case is practically dust proof and is a decidedly attractive display. The case will hold six dozen strops.



Given free with six dozen razor strops.

Razor Hones.



, Manufactured on Scientific Principles from the Finest Materials, Extra Fine Texture, Used with Water or Oil.

Per Dozen

No. 5—5½x2 in., Weight Per Dozen About 6 Lbs....**$13.35**

One-twelfth Dozen in Handsome Individual Box.

One-half Dozen in a Carton.

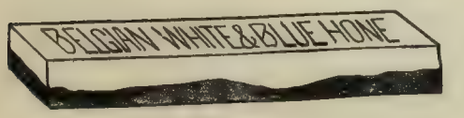
Genuine Escher & Co., German Hone, Yellow Green, with Rub Stone, Used with Water Only.

Per Dozen

No. 13—6 in., Weight Per Dozen About 7 Lbs.....**$4.50**
No. 14—7 in., Weight Per Dozen About 12 Lbs..... **8.90**

One-half Dozen in a Box.

BELGIAN WHITE AND BLUE



Nos. 9 to 12.

Fine.

Per Dozen

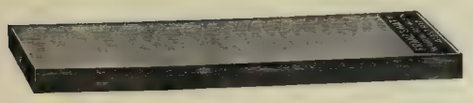
No. 9—6 in., Weight Per Dozen About 7 Lbs.....**$4.50**
No. 10—7 in., Weight Per Dozen About 12 Lbs..... **7.80**

Extra Fine.

Per Dozen

No. 11—6 in., Weight Per Dozen About 8 Lbs.....**$ 8.90**
No. 12—7 in., Weight Per Dozen About 12 Lbs..... **15.60**

One-half Dozen in a Box.

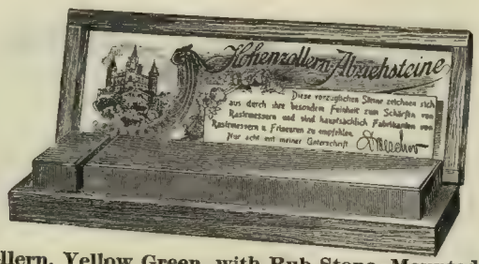


Genuine "Franz Swaty," Coarse and Fine Side.

Per Dozen

No. 16—5 in., Weight Per Dozen About 5 Lbs.....**$10.00**

One-half Dozen in a Package.



Hohenzollern, Yellow Green, with Rub Stone, Mounted in Neat Wooden Box.

Per Dozen

No. 15—5 in., Weight Per Dozen About 10 Lbs.....**$7.80**

One-twelfth Dozen in a Package.

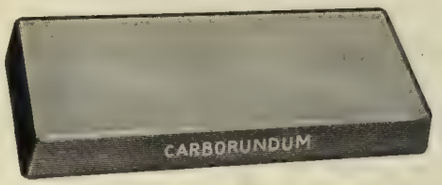
Carborundum Razor Hones.

Made from Extra Fine Hand Washed Carborundum Powder, Can be Used with Lather or Water.

Nos.	101A	102	103	105
Inches	5x2x½	4x1½x½	4x2x½	8x2½x¾
Ap. Wt. Dozen, Lbs.	4½	3	4	12
Per Dozen	**$16.00**	**8.00**	**12.00**	**32.00**

One-half Dozen in a Box.

Carborundum Dry Razor Hones.



Made from Extra Fine Hand Washed Carborundum Powder, Can be Used without Water, Lather or Any Other Preparation.

Per Dozen

No. 106—4x2x½ in., Weight Per Dozen About 4 Lbs..**$12.00**

One-half Dozen in a Box.

Chamois Skins.

First Quality, Soft, for Cutlery and Plated Ware.

Nos.	23F	24¼F	24¾F	26F	27F
Size, Inches	12x14	13x17	15x20	19x26	23x26
Per Kip of 30 Skins	**$10.25**	**16.70**	**22.60**	**34.50**	**50.00**

Second Quality, for General Cleaning and all Ordinary Purposes.

Nos.	32S	24¼S	24¾S	26S	27S
Size, Inches	12x14	13x17	15x20	19x26	23x26
Per Kip of 30 Skins	**$7.70**	**12.50**	**16.70**	**25.90**	**36.65**

Weight Per Kip About 6 Pounds.

Lather Brushes.

EvertitE

Bristles Set in Vulcanized Rubber.

Selected White Bristles, Set in Vulcanized Hard Rubber, Polished Hard Rubber Ferrule, Boxwood Handle.

Per Dozen

No. 1—5¼ in. Long Over All, Weight Per Dozen About ¾ Lb. **$6.70**

No. 2—5¾ in. Long Over All, Weight Per Dozen About 1½ Lbs. **8.35**

No. 3—6 in. Long Over All, Weight Per Dozen About 1½ Lbs. **9.50**

Selected Solid Pure French Bristles, Set in Rubber, Patent Nickel Ferrule, Fancy Black Ebonoid Handle.

Per Dozen

No. 25—4¾ in. Long Over All, Weight Per Dozen About 1 Lb. **$4.50**

Selected White Tip Badger Mixed Hair, Cased with Pure Badger, Set in Rubber, Polished Hard Rubber Ferrule, French Style Bone Handle.

Per Dozen

No. 77—4⅜ in. Long Over All, Weight Per Dozen About 2 Lbs. **$17.80**

Selected Soft Badger Mixed Hair, Set in Rubber, Polished Hard Rubber Ferrule, Fancy Carved White Bone Handle.

Per Dozen

No. 61—4½ in. Long Over All, Weight Per Dozen About 1½ Lbs. **$8.90**

Each Brush (Except No. 1) in a Carton; Six Cartons in a Box.

Selected White Bristles, in Hard Vulcanized Rubber, White Celluloid Ferrule, Ebonoid Handle.

Per Dozen

No. 266—4¾ in. Long Over All, Weight Per Dozen About 1½ Lbs. **$8.90**

One-half Dozen in a Box.

Selected White Tip Badger Mixed Hair, Set in Hard Vulcanized Rubber, Black Rubber Ferrule, Fancy White Celluloid Handle, Black Tip.

Per Dozen

No. 256—4 in. Long Over All, Weight Per Dozen About 2 Lbs. **$13.35**

One-half Dozen in a Box.

RUBBER-VULC.

White Bristles, Hard Rubber Handle.

Per Dozen

No. 0RV—4⅜ in. Long Over All, ¾ in. Knot, Weight Per Dozen About ¾ Lb. **$6.70**

No. 2RV—5¼ in. Long Over All, 1 in. Knot, Weight Per Dozen About 2 Lbs. **8.90**

The Rubber-Vulc Brushes are properly vulcanized in a solid setting of hard rubber.

One in a Carton; One-half Dozen in a Box.

IN-TO-STA

White Bristles, Nickel Plated Ferrule, Black Enameled Handle.

Per Dozen

No. 30—4½ in. Long Over All, Weight Per Dozen About ¾ Lb. **$3.90**

One-half Dozen in a Box.

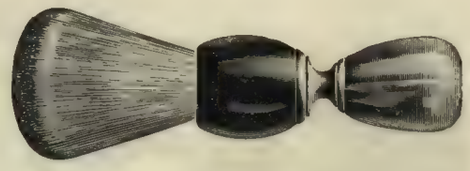
Lather Brushes.

White Bristle, Fancy Nickel Plated Ferrule, Black Enameled Handle.

Per Dozen

No. 810—4⅞ in. Long Over All, Weight Per Dozen About 1½ Lbs. **$2.80**

One-half Dozen in a Box



White Bristles, Fancy Nickel Plated Connection, Ebonized Handle.

Per Dozen

No. 717—5⅛ in. Long Over All, Weight Per Dozen About 1½ Lbs. **$1.80**

One-half Dozen in a Box.

Badger Hair and Bristle Mixed, Nickel Plated White Metal Ferrule, Ebonoid Handle.

Per Dozen

No. 2750—5 in. Long Over All, Weight Per Dozen About 1½ Lbs. **$4.50**

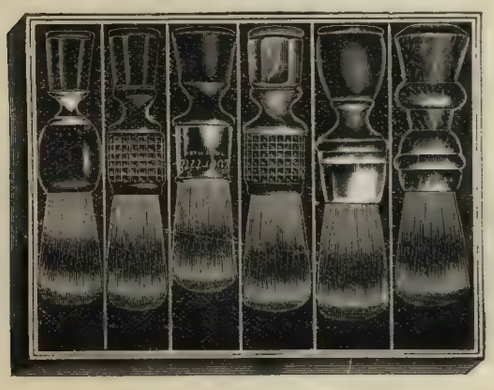
One-half Dozen in a Box.

Soft Badger Hair, Nickel Plated Ferrule and Handle.

Per Dozen

No. 445—3⅞ in. Long Over All, Weight Per Dozen About 1¼ Lbs. **$4.50**

One-half Dozen in a Box.

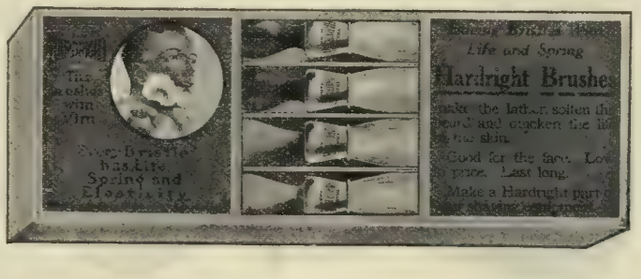


Badger Hair.

Per Assortment

No. 45—**Assortment,** Containing **Six** Assorted Fancy Carved Hardwood Handles, Three with Nickel Plated Ferrule, Weight Per Assortment About ⅜ Lb. **$1.80**

One Assortment in a Box.



Pure White French Bristles.

Per Assortment

No. 40—**Vim Assortment,** Containing **Twelve** (Six Each of Two Styles) Rubber-Vulc Brushes, in Easel Back Display Stand, Weight Per Assortment About 2 Lbs. **$4.50**

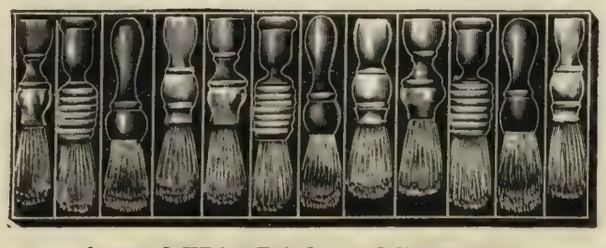
One Assortment in a Box.

Assorted 10 White Bristle and 2 Badger Hair Brushes.

Per Assortment

No. 15—**Assortment,** Containing **Twelve** Brushes, with Assorted Ebonoid and Hardwood Handles, Weight Per Assortment About 1½ Lbs. **$1.60**

One Assortment in a Box.



Assorted White Bristles and Badger Hair.

Per Assortment

No. 50—**Congress Assortment,** Containing **Twelve** Brushes, with Assorted Stained Wood and White Bone Handles, Enameled Wood, Bone and Nickel Plated Ferrules, Weight Per Assortment About 2 Lbs. **$3.35**

One Assortment in a Box.

Shaving Soap.

WILLIAMS'

BARBERS' BAR, Round Cake, Fits Shaving Mugs.

Per Dozen

No. 4—2½ in. Diameter, 1 in. Thick, Weight Per Dozen About 2 Lbs. $1.20

One-half Dozen Cakes in a Package; Ten Packages in a Box.

BARBERS' FAVORITE, Round Cake, Fits Shaving Mugs.

Per Dozen

No. 5—2⅜ in. Diameter, ¾ in. Thick, Fine Quality, Wrapped in Tin Foil, Weight Per Dozen About 2 Lbs. $1.45

One Dozen Cakes in a Box.

Shaving Powder.

WILLIAMS', Quick and Easy, Fine, Soft and Delicately Perfumed, in Handsomely Enameled Hinged Cover Can.

Per Dozen

No. 10—Height of Can 4 in., Diameter 1⅝ in., Weight Per Dozen About 3 Lbs. . . . $4.50

One-half Dozen in a Display Box; Two Display Boxes in a Package.

Shaving Sticks.

WILLIAMS', Delicately Perfumed with Attar of Rose, in Nickel Plated Metal Case.

Per Dozen

No. 6—Small, Height 2½ in., Diameter 1⅛ in., Weight Per Dozen About 1½ Lbs. . $2.25

One Dozen in a Box.

WILLIAMS', Delicately Perfumed with Attar of Rose, in Hinged Cover Nickel Plated Metal Case.

Per Dozen

No. 7—Large, Height 3½ in., Diameter 1⅜ in., Weight Per Dozen About 3 Lbs. $4.50

One-half Dozen in a Box.

WILLIAMS', Holder Top, One End of Stock Fastened into a Metal Cap, Very Delicately Perfumed in Nickel Plated Metal Case.

Per Dozen

No. 8—Height 3½ in. Diameter 1⅜ in., Weight Per Dozen About 3½ Lbs. $4.50

One-half Dozen in a Box.

Razorine.

RAZORINE, a Specially Prepared Preparation for Sharpening the Dullest Razor.

Per Dozen

No. 15—One Dozen Mounted on Display Card $2.25

Weight Per Dozen About ⅝ Pound.

Shaving Mugs.

No. 198.

Fine Imported China, Pure White Body, Decorated with One Heavy and Four Light Gold Bands.

Per Dozen

No. 198—Height 3⅞ in., Diameter 3½ in., Weight Per Dozen About 8½ Lbs. $3.35

No. 2059—Height 3½ in., Diameter 3¼ in., Weight Per Dozen About 5 Lbs. 2.25

One-half Dozen in a Package.

Imported China, Floral Decorations in Gold and Colors on White Background, Gold Banded Handle.

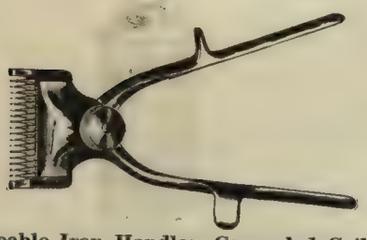
Per Dozen

No. 814—Height 3¼ in., Diameter 3½ in., Weight Per Dozen About 6 Lbs. $3.90

One-half Dozen in a Package.

Toilet Clippers.

CHAMPION

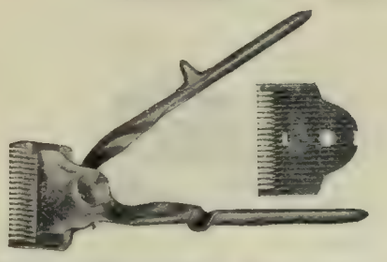


Malleable Iron Handles, Concealed Coil Spring, Full Nickel Plated.

	Each
No. 42—⅛ in. Cut, 5¾ in. Long Over All, Weight Each About ½ Lb.	$0.95
Extra Coil Springs	.08
Extra Upper Plates	.40
Extra Lower Plates	.54

One in a Box.

COATES'



Malleable Iron Handles, Elastic Spring, Flexible Nut, Beveled Plates, Full Nickel Plated.

	Each
No. 241—⅛ in. Cut, 6½ in. Long Over All, Weight Each ½ Lb.	$1.56
Extra Coil Springs	.08
Extra Upper Plates	.54
Extra Lower Plates	.67

One in a Box.

COATES' BALL BEARING

Malleable Iron Handles, Concealed 3-Coil Spring, Full Nickel Plated.

	Each
No. 141—⅛ in. Cut, 5¾ in. Long Over All, Weight Each About ½ Lb.	$1.80
Extra Coil Springs	.08
Extra Upper Plates	.67
Extra Lower Plates	.80

One in a Box.

Toilet Clipper Combs.

Nickel Plated, For Use on Any of Above Toilet Clippers to Lengthen Hair Cut.

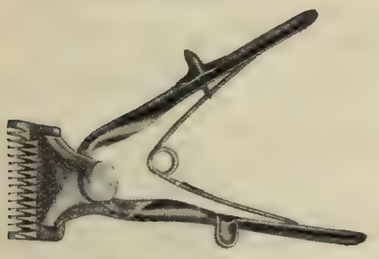
	Per Dozen
No. 1—Lengthens Cut to ¼ in., Length 2 in., Width 1½ in.	$4.50
No. 2—Lengthens Cut to ⅜ in., Length 2 in., Width 1½ in.	4.50

Weight Per Dozen About ½ Pound.

Open Stock.

Fetlock Clippers.

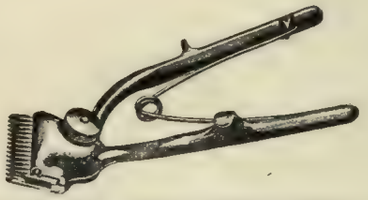
COATES'



Malleable Iron Handles, Elliptic Spring, Coarse Teeth, Full Nickel Plated.

	Each
No. 71—6¼ in. Long Over All, Weight Each About ½ Lb.	$1.60
Extra Springs	.15

COATES' BALL BEARING



Malleable Iron Handles, Heavy Elliptic Spring, Coarse Teeth, Full Nickel Plated.

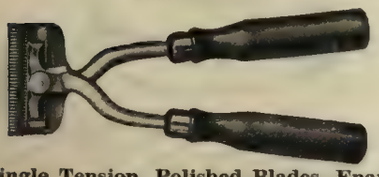
	Each
No. 171—6½ in. Long Over All, Weight Each About ⅞ Lb.	$2.50
Extra Springs	.15

These Clippers are used with one hand for trimming horses' fetlocks, dogs, etc.

One in a Box.

Horse Clippers.

COATES' STANDARD

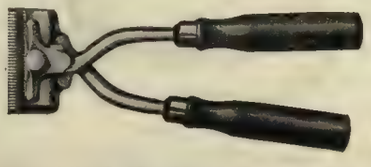


Single Tension, Polished Blades, Enameled Wood Handles.

	Each
No. 179—10½ in. Long Over All, Weight Each About 1⅛ Lbs.	$1.35
Extra Top Plates	.48
Extra Bottom Plates	.67

One in a Box.

COATES' NEW MARKET



Stamped and Hardened Steel Pressure Cap, Polished Blades, Enameled Wood Handles.

	Each
No. 129 I—11 in. Long Over All, Weight Each About 1¼ Lbs.	$2.00
Extra Top Blades	.75
Extra Bottom Blades	.95

One in a Box.

COATES' BALL BEARING

Dust and Hair Proof Bearings, Polished Blades, Leather Cap, Enameled Wood Handles.

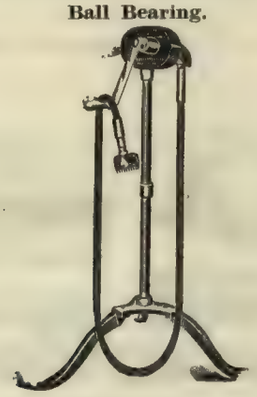
	Each
No. 159—11 in. Long Over All, Weight Each About 1¼ Lbs.	$2.90
Extra Top Plates	1.10
Extra Bottom Plates	1.35

One in a Box.

Horse Clipping Machines.

NEW STEWART ENCLOSED GEAR

Ball Bearing.



Sheep Shearing Attachment.

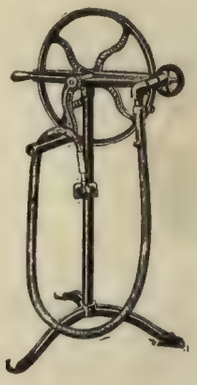
Rigid Base, Tubular Upright.

Each

No. 1—Stewart's Enclosed Type, Interchangeable Solid Steel Bar Cut Gears, Enclosed in a 6x11x12½ in. Dust Proof Metal Box, Hardened Steel Wearing Parts, 6 ft. Easy Running Flexible Shaft, Stewart Single Tension Clipping Head, Height Over All 39 in., Weight Each, Boxed, About 36 Lbs. **$12.50**

One (Knocked Down) in a Box.

CHICAGO



Rigid Base, Tubular Upright.

Each

No. 2—(Old No. 1902), **Chicago,** Extra Rigid Construction Throughout, Machined Large Gear Wheel and Pinions, Hardened Tool Steel Wearing Parts, 6½ ft. Flexible Shaft, Stewart Single Tension Clipping Head, Height Over All 44 in., Weight Each, Boxed, About 70 Lbs. **$18.00**

One (Knocked Down) in a Box.

SHEEP SHEARING ATTACHMENT

For Use on Nos. 1 or No. 2 Horse Clipping Machines.

Each

Sheep Shearing Attachment—Consists of a Complete No. 5 Stewart Shear Head, Four Sets of Shearing Knives, the Solid Core, Universal Jointed Shaft and Cogs (as Illustrated Above), Weight Each, Boxed, About 15 Lbs. **$13.00**

One in a Box.

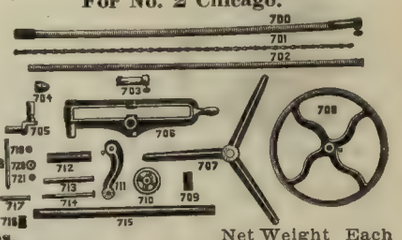
EXTRA PARTS FOR CLIPPING MACHINES

Write for Prices.

For No. 1 Stewart Ball Bearing.

Nos.	Net Weight	Each
704—Gear Cap	5½ oz.	$0.50
862—Leg Bracket	41 oz.	.35
864—Cotter Pin	¼ oz.	.02
866—6 ft. Chain, 30c per ft.	1 lb.	1.80
867—Bracket Stud and Nut.	2 oz.	.05
868—Legs, Each	30 oz.	.35
871—6 ft. Shaft	39 oz.	3.00
875—Handle Nut	½ oz.	.05
876—Eye Spindle	4 oz.	.50
877—Crank Handle	12 oz.	.50
879—Upper Part of Upright	17 oz.	.40
880—Lower Part of Upright with Coupling	21 oz.	.60
882—Gear Case Cover	27 oz.	.75
883—Intermediate Gear and Pinion	12 oz.	2.00
884—Balance Wheel and Spindle	22 oz.	1.00
885—Drive Gear & Spindle.	19 oz.	1.50
886—Gear Case	50 oz.	1.00
887—Gear Head Casting	20 oz.	1.50
888—Balls and Ball Cup	1 oz.	.75
889—Small Cog	1 oz.	.25
890—Large Cog	1½ oz.	.50
891—Gear Cap Screw	⅛ oz.	.05
892—Grip Handle Screws, Each	1 oz.	.05
893—Grip Handle	11 oz.	.25
894—Gear Case Screws, Ea.	1 oz.	.05
3 in. Ferrule for No. 871 Shaft	4 oz.	.25
5 in. Ferrule for No. 871 Shaft	13 oz.	.50

For No. 2 Chicago.



Nos.	Net Weight	Each
700—Shaft without Chain 6½ ft. Long	5⅛ lbs.	$3.25
701—Chain for Shaft 6½ ft. Long	17½ oz.	1.95
6½ ft. Shaft and Chain Complete, 75c per ft.	7 lbs.	4.88
702—Spiral Spring (without Cover)	4½ lbs.	1.80
703—5 in. Ferrule for No. 700 Shaft	12 oz.	.50
704—Gear Cap	6 oz.	.50
705—Gear Head Casting	20 oz.	1.50
706—Bracket	12 lbs.	2.00
707—Tripod	10¾ lbs.	2.00
708—Drive Wheel	11¾ lbs.	2.50
709—3 in. Ferrule for No. 700 Shaft	7 oz.	.25
710—Balance Wheel	24 oz.	1.00
711—Crank	34 oz.	.50
712—Wood Handle for Crank	4 oz.	.15
713—Axle	13 oz.	.50
714—Handle Bolt	6 oz.	.25
715—Upright	4 lbs.	1.00
716—Pinion	3 oz.	.50
717—Eye Spindle	4 oz.	.50
718—Pinion Shaft	5 oz.	.50
719—Small Cog	1 oz.	.25
720—Large Cog	2 oz.	.50
721—Hexagon Nut for Handle Bolt	1 oz.	.05

Horse Clipping Machines.

STEWART ELECTRIC CLIPPING MACHINE

Consists of High Grade Motor Suspended in a Trunion Yoke with a 6½ ft. Flexible Shaft Connected Directly with the Armature Shaft of the Motor. Equipped with Stewart Single Tension Clipping Head, Extension Cord and Plug that Attaches to any Electric Lamp Socket.

	Each
For 110 Volts Direct Current....	$ 83.25
For 220 Volts Direct Current....	83.25
For Alternating Current.....	125.00

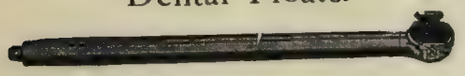
Weight Each Boxed About 80 Pounds.

In ordering state number of volts of current on which machine will be used and if current is alternating state number of alternations.

Get this information from your electric light company.

Shipped Only F. O. B. Factory, Chicago, Ill.

Dental Floats.



Each

Dental Float Attachment—Can be Attached to Horse Clipping Machine in Place of Knife,, Complete with One File, Weight Each About 2½ Lbs...$7.10
Open Stock.

Automatic Knife Grinder.

STEWART'S

14 in. High, 11¼ in. Steel Grinding Wheel.

Each

No. 60—Fitted for Both Horse Clipping and Sheep Shearing Knives $10.85
Wt. Each Boxed About 60 Pounds.

Stewart's Knife Grinder grinds the knife in a few seconds to cut equal to new. Knives are placed in holders, so no skill is required.

Per Set

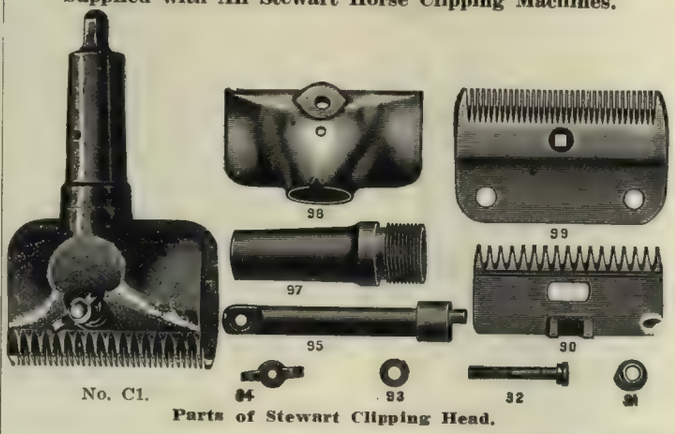
Extra Knife Holders—For No. 60.....$0.85

Per Package

Grinder Paste $0.45

STEWART SINGLE TENSION CLIPPING HEAD

Supplied with All Stewart Horse Clipping Machines.



Parts of Stewart Clipping Head.

	Net Weight	Each
No. C1—Stewart Patent Horse Clipping Head Compl.	20 oz.	$3.50
No. C2—Pair Stewart Patent Horse Clipping Blades, Top and Bottom	8 oz.	2.50
No. C3—Stewart Patent Horse Clipping Head Complete without Knives	10 oz.	1.00
No. 90—Top Plate	3 oz.	1.00
No. 91—Tension Spring of Handle	½ oz.	.05
No. 92—Tension Bolt of Handle	1/6 oz.	.05
No. 93—Eccentric Roll of Handle	1/15 oz.	.10
No. 94—Tension Nut of Handle	1/6 oz.	.05
No. 95—Pin and Shaft of Handle	2½ oz.	.35
No. 97—Shank of Handle	3½ oz.	.40
No. 98—Front of Part Handle	4 oz.	.50
No. 99—Bottom Plate	5 oz.	1.50

Grinder Attachment.

For No. 1 Stewart Horse Clipping Machine or Stewart's Nos. 8 or 9 Sheep Shearing Machine.

Each

No. 11—Combination Knife Grinder Attachment, all Metal 9 in. Grinding Disc, Weight Each Boxed About 9 Lbs.....$5.85

Puts a perfect edge on Horse Clipping and Sheep Shearing Knives in a few seconds. Is put on a machine in place of the shaft.

One in a Box.

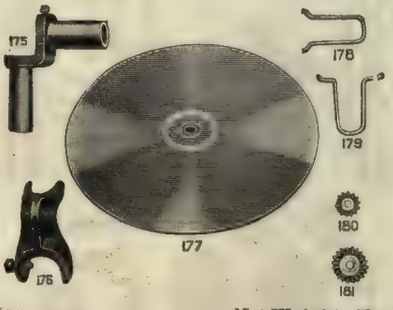
Parts of Stewart Automatic Grinder.

Write for Prices.

Nos.	Net Weight	Each
775—Sliding Bar Ejector	3⅛ lbs.	$0.50
776—Revolving Roll	2 oz.	.25
777—Disc Spindle	8 oz.	.50
778—Sliding Bar	19 oz.	.75
779—Revolving Roll Pin	1 oz.	.10
780—Ejector Plug	1 oz.	.25
781—Steel Disc	7½ lbs.	2.50
782—Sliding Bar Holder	3⅛ lbs.	.75
783—Holder Bar	3 oz.	.10
784—Eccentric Cam	9 oz.	.50
785—Frame	8 lbs.	2.00
786—Thumb Screw	1 oz.	.05
787—Horse Top Plate Holder	1 oz.	.25
788—Ejector Bolt	4 oz.	.25
789—Horse Bottom Plate Holder	1 oz.	.25

Nos.	Net Weight	Each
791—Pinion	8 oz.	$0.50
792—Wood Handle	2 oz.	.10
793—Handle Bolt and Nut	3 oz.	.15
794—Crank	12 oz.	.25
795—Gear	27 oz.	1.00
796—Axle	18 oz.	.50
797—Bolt and Nut for Sliding Bar	1 oz.	.10
798—Center Pin	1 oz.	.10
No. 5 Sheep Comb and Cutter Holder	1 oz.	.25
No. 4 Sheep Comb Holder	1 oz.	.25
No. 4 Sheep Cutter Holder	1 oz.	.25
Horse or Sheep Knife Holders, Complete	8 oz.	.50

Parts of No. 11 Grinder Attachment



Nos.	Net Weight	Each
175—Angle Head	16 oz.	$1.00
176—Angle Clamp	11 oz.	.25
177—Disc with Spindle	3⅛ lbs.	2.00
178—Plate Holder for Shearing Knives	1 oz.	.10
179—Plate Holder for Horse Knives	1 oz.	.10
180—Small Cog	1 oz.	.25
181—Large Cog	2 oz.	.50

Sheep Shearing Machines.

STEWART ENCLOSED GEAR

Horse Clipping Attachment.

STEWART ENCLOSED GEAR
Ball Bearing.

	Each
Rigid Base, Tubular Upright.	
No. 8—Stewart Enclosed Gear, Solid Steel Bar Cut Gears Running in Oil in Dust Proof Metal Case, Solid Core Universal Jointed Type Shearing Shaft, Equipped with Stewart No. 5 Shear, 4 Combs and 4 Cutters, Height Over All 39 in., Weight Each, Boxed, About 36 Lbs.	**$16.25**

One (Knocked Down) in a Box.

	Each
Rigid Base, Tubular Upright.	
No. 9—Stewart Enclosed Gear, Solid Tool Steel Cut Gears, Hardened and Enclosed in Dust Proof Metal Box, Large Balance Wheel Ball Bearing Joints in Shaft, Ball Bearing Shearing Head, Fitted with No. 7 Ball Bearing Shear, 4 Combs and 4 Cutters, Height Over All 39 in., Weight Each, Boxed, About 50 Lbs.	**$19.15**

One (Knocked Down) in a Box.

HORSE CLIPPING ATTACHMENT

Will Fit Nos. 8 and 9 Stewart Sheep Shearing Machine.

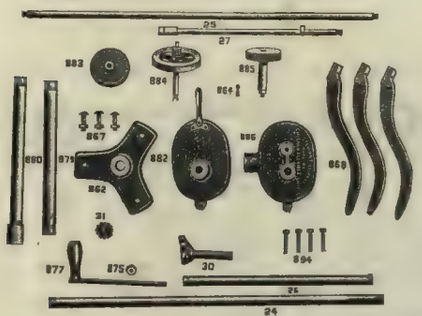
	Each
Horse Clipping Attachment—Consists of Eye Spindle, 6 ft. High Quality Flexible Shaft, Fitted with Stewart Clipping Head, Weight, Boxed, About 15 Lbs.	**$9.15**

One in a Box.

Parts for Sheep Shearing Machines.

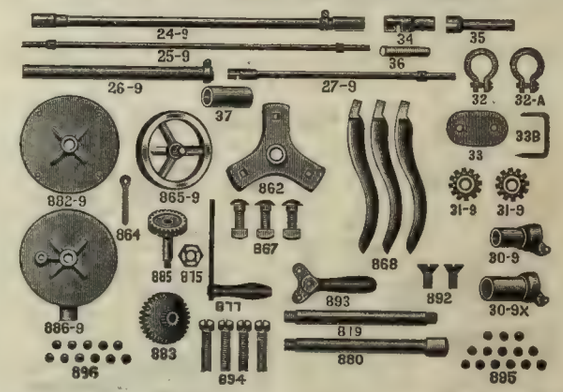
Write for Prices.

PARTS OF No. 8 ENCLOSED GEAR SHEARING MACHINE



		Net Weight		Each
No. 24	—Long Tube	12	oz.	$1.50
No. 25	—Long Spindle, Complete	12	oz.	2.00
No. 26	—Short Tube	7	oz.	.50
No. 27	—Short Spindle	7	oz.	.75
No. 30	—Joint Yoke, ⅞ in. Shank	6	oz.	.75
	—Joint Yokes, 1⅛ in. Shank, Each	5	oz.	.75
No. 31	—Cogs, Each	1	oz.	.40
No. 862	—Leg Bracket	41	oz.	.35
No. 864	—Cotter Pin	1	oz.	.02
No. 867	—Bracket Stud and Nut	2	oz.	.05
No. 868	—Legs, Each	30	oz.	.35
No. 875	—Handle Nut	1	oz.	.05
No. 877	—Crank Handle	12	oz.	.50
No. 879	—Upper Part of Upright	17	oz.	.40
No. 880	—Lower Part of Upright with Coupling	21	oz.	.60
No. 882	—Gear Case Cover	27	oz.	.75
No. 883	—Intermediate Gear and Pinion	12	oz.	2.00
No. 884	—Balance Wheel and Spindle	22	oz.	1.00
No. 885	—Drive Gear and Spindle	19	oz.	1.50
No. 886	—Gear Case	50	oz.	1.00
No. 894	—Gear Case Screws, Each	1	oz.	.05
	Grip Handle	11	oz.	.25
	Grip Handle Screws, Each	1	oz.	.05
	Tube Clamp	1	oz.	.25
	Tube Clamp Screw	1/6	oz.	.02
	End of Long Spindle	3	oz.	.25
	End of Short Spindle	3	oz.	.25
	Bayonet Ferrule for No. 27 Spindle	2	oz.	.25

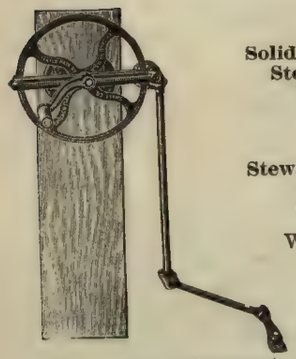
PARTS OF No. 9 ENCLOSED GEAR BALL BEARING SHEARING MACHINE



		Net Weight		Each
No. 24-9	—Long Tube	14	oz.	$1.50
No. 25-9	—Long Spindle, Complete	13	oz.	2.00
No. 26-9	—Short Tube	8	oz.	.50
No. 27-9	—Short Spindle	6	oz.	.75
No. 30-9	—Yoke	5	oz.	1.00
No. 30-9X	—Yokes, Each	5	oz.	1.00
No. 31-9	—Cog, Threaded	1	oz.	.40
No. 31-9	—Cogs, Not Threaded, Each	1	oz.	.40
No. 32	—Upper Tube Clamp	1	oz.	.25
No. 32-A	—Lower Tube Clamp	1	oz.	.25
No. 33	—Leather Guard	2	oz.	.15
No. 33B	—Hook for Leather Guard	1	oz.	.02
No. 34	—Bayonet Ferrule	2	oz.	.25
No. 35	—End of Long or Short Spindle	2	oz.	.25
No. 36	—End of Short Spindle Pin	1/16	oz.	.02
No. 37	—Back Bushing	1	oz.	.10
No. 862	—Leg Bracket	41	oz.	.35
No. 864	—Cotter Pin	¼	oz.	.02
No. 865-9	—Balance Wheel and Spindle	40	oz.	1.00
No. 867	—Bracket Stud and Nut	2	oz.	.05
No. 868	—Legs, Each	30	oz.	.35
No. 875	—Hexagon Nut for Crank	⅛	oz.	.05
No. 877	—Crank Handle	12	oz.	.50
No. 879	—Upper Part of Upright	17	oz.	.40
No. 880	—Lower Part of Upright with Coupling	21	oz.	.60
No. 882-9	—Gear Case Cover	49	oz.	.75
No. 883	—Intermediate Gear and Pinion	12	oz.	2.00
No. 885	—Drive Gear and Spindle	19	oz.	1.50
No. 886-9	—Gear Case	66	oz.	1.00
No. 892	—Grip Handle Screws, Each	¼	oz.	.05
No. 893	—Grip Handle	11	oz.	.25
No. 894	—Gear Case Screws, Each	1	oz.	.05
No. 895	—Set of Ball Bearings for Gears	¼	oz.	.15
No. 896	—Set of Ball Bearings for Spindles	¼	oz.	.10

Sheep Shearing Machines.

STEWART'S NEW MODEL



Solid Metal Cut Gears, Hardened Tool Steel Wearing Parts, Large Gear Wheel, Universal Jointed Solid Core Shaft.

Each

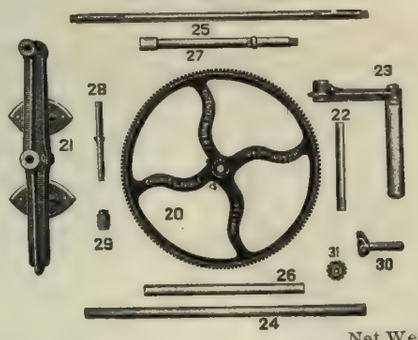
Stewart's New Model—Complete With 4 Cutters and 4 Combs **$21.25**

Weight Each, Boxed, 60 Pounds.

One in a Box.

This is the strongest and most substantial of all Hand Power Shearing Machines. It is a marvel of simplicity and strength. The face and side of the large gear wheel are turned perfectly true and the teeth are generated in it on automatic machines so as to insure absolute accuracy. This large gear wheel is enclosed in a stationary frame that is solid and substantial. By turning the crank, the larger gear wheel drives a hardened steel cut pinion to which the universal jointed solid core shaft is connected.

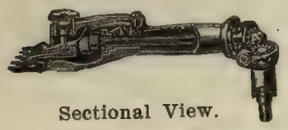
PARTS OF STEWART NEW MODEL SHEARING MACHINE



	Net Weight	Each
No. 20—Large Gear	12 lbs.	$2.50
No. 21—Frame	12½ lbs.	2.00
No. 22—Main Spindle	13 oz.	1.00
No. 23—Crank, Complete	3 lbs.	1.00
No. 24—Long Tube	12 oz.	1.50
No. 25—Long Spindle, Complete	12 oz.	2.00
No. 26—Short Tube	7 oz.	.50
No. 27—Short Spindle	7 oz.	.75
No. 28—Pinion Shaft	5 oz.	.50
No. 29—Pinion	3 oz.	.50
No. 30—{ Joint Yoke, ⅞ in. Shank { Joint Yokes, 1⅛ in. Shank, Each	6 oz. 5 oz.	.75 .75
No. 31—Cogs, Each	1 oz.	.40
Balance Wheel	24 oz.	1.00
Tube Clamp	1 oz.	.25
Tube Clamp Screw	1/6 oz.	.02
End of Long Spindle	3 oz.	.25
End of Short Spindle	3 oz.	.25
Bayonet Ferrule for No. 27 Spindle	2 oz.	.25

Extra Shear Parts.

STEWART No. 7 BALL BEARING SHEAR



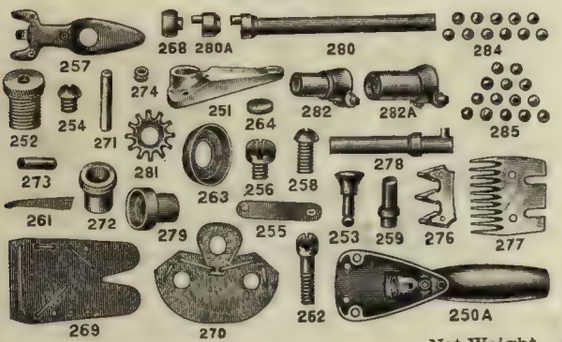
Sectional View.

Supplied with Stewart No. 9 Ball Bearing Sheep Shearing Machine.

Each

No. 7—Stewart Ball Bearing Shears, Weight Each 3 Lbs. 2 Oz. Complete..... **$6.00**

PARTS OF STEWART No. 7 BALL BEARING SHEAR



	Net Weight	Each
No. 250A—Frame	14 oz.	$1.00
No. 251—Lid	4 oz.	.50
No. 252—Tension Nut	2 oz.	.25
No. 253—Tension Pin	1 oz.	.25
No. 254—Oil Hole Screw	⅛ oz.	.05
No. 255—Tension Spring	1 oz.	.10
No. 256—Comb Screws, Each	⅛ oz.	.10
No. 257—Fork	4 oz.	1.50
No. 258—Tension Spring Screw	⅛ oz.	.05
No. 259—Fork Pin	⅛ oz.	.05
No. 261—Fork Tongue	2 oz.	.25
No. 262—Lid Screws, Each	1 oz.	.05
No. 263—Ferrule	1 oz.	.05
No. 264—Tension Nut Disc	1/6 oz.	.10
No. 268—Crank Roller	1 oz.	.20
No. 269—Leather Handle Grip	2 oz.	.25
No. 270—Joint Guard, Complete	2 oz.	.25
No. 271—Tongue Pin	⅛ oz.	.02
No. 272—Shell Cup	¼ oz.	.15
No. 273—Joint Spindle Pin	⅛ oz.	.02
No. 274—Fulcrum Ball	¼ oz.	.10
No. 276—Cutter	1 oz.	.15
No. 277—Comb	2 oz.	.50
No. 278—Joint Spindle	2 oz.	.25
No. 279—Main Spindle Ball Race	1 oz.	.25
No. 280—Main Spindle	4 oz.	.50
No. 280A—Crank Head	1 oz.	.25
No. 281—Cogs without Threads, Each	1 oz.	.40
No. 282—Upper Joint Yoke	5 oz.	1.00
No. 282A—Lower Joint Yoke	5 oz.	1.00
No. 284—Ball Bearings for Main Spindle	1 oz.	.10
No. 285—Ball Bearings for Gears	1 oz.	.15

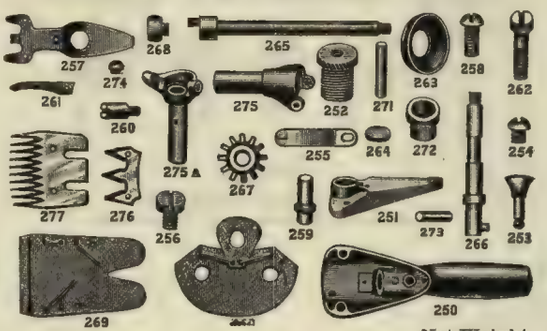
STEWART No. 5 SHEAR

Supplied with Stewart No. 8 and New Model Sheep Shearing Machine.

Each

No. 5—Shear Handle, Weight Each 3 Lbs. 2 Oz., Complete as Shown..... **$4.50**

PARTS OF STEWART No. 5 SHEAR



	Net Weight	Each
No. 250—Shell	14½ oz.	$1.00
No. 251—Lid	4 oz.	.50
No. 252—Tension Nut	1¼ oz.	.25
No. 253—Tension Pin	⅛ oz.	.25
No. 254—Oil Hole Screw	⅛ oz.	.05
No. 255—Tension Spring	1/5 oz.	.10
No. 256—Comb Screw	1/5 oz.	.10
No. 257—Fork	2¼ oz.	1.50
No. 258—Tension Spring Screw	1/10 oz.	.05
No. 259—Fork Pin	1/23 oz.	.05
No. 260—Joint Screw	1/7 oz.	.05
No. 261—Fork Tongue	¾ oz.	.25
No. 262—Lid Screw	1/5 oz.	.05
No. 263—Ferrule	½ oz.	.05
No. 264—Tension Nut Disc	1/9 oz.	.10
No. 265—Main Spindle	4½ oz.	.50
No. 266—Joint Spindle	2 oz.	.25
No. 267—Cog	¾ oz.	.40
No. 268—Crank Roller	2/7 oz.	.20
No. 269—Leather Handle Grip	¼ oz.	.25
No. 270—Joint Guard, Complete	¾ oz.	.25
No. 271—Tongue Pin	1/22 oz.	.02
No. 272—Shell Cup	1/9 oz.	.10
No. 273—Joint Spindle Pin	⅛ oz.	.02
No. 274—Fulcrum Ball	⅛ oz.	.10
No. 275—Upper Joint Yoke	3 oz.	.50
No. 275A—Lower Joint Yoke	3 oz.	.50
No. 276—Cutter	½ oz.	.15
No. 277—Comb	2 oz.	.50

Write for Prices.

Fetlock Shears.

Everkeen, Extra Quality Steel Laid, Nickel Plated Blades, Japanned Bows.

	Per Dozen
No. 460—9 in., Weight Per Dozen About 5⅞ Lbs....	$22.75

One-half Dozen in a Box.

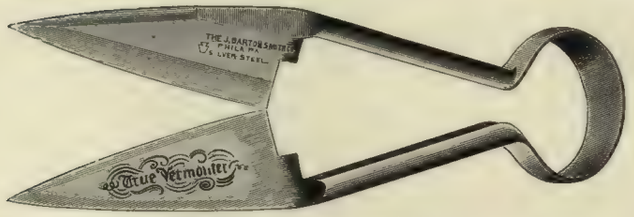
Roaching Shears.

Cast Steel, Polished Blades, Leather Covered Bows.

	Per Dozen
No. 9161½—8 in., Weight Per Dozen About 4¼ Lbs..	$17.80

One-half Dozen in a Box.

Sheep Shears.



No. 3770E—AMERICAN, Solid Steel, Full Polished, Swaged and Bent Blades, One Blade Etched.

Blade, Inches	5	5½	6
Ap. Wt. Per Dozen, Lbs..	8	8½	9
Per Dozen	$18.35	18.35	18.90

One-half Dozen in a Box.

BURGON & WILKINSON, "Gidgee", Extra Fine Solid Steel, Straight Swaged Blades, Full Polished, Double Bow.

Nos.	100	200	300	400
Blade, Inches	6	6½	7	7½
Ap. Wt. Dozen, Lbs..	8	10	12	14
Per Dozen	$27.75	28.90	30.00	33.35

One-half Dozen in a Box.

No. 8-S—BURGON & BALL, Solid Steel, Full Polished, Swaged and Bent Blades.

Blade, Inches	5	5½	6	6½
Ap. Wt. Dozen, Lbs.	8	9	10	11
Per Dozen	$17.20	17.80	18.90	20.00

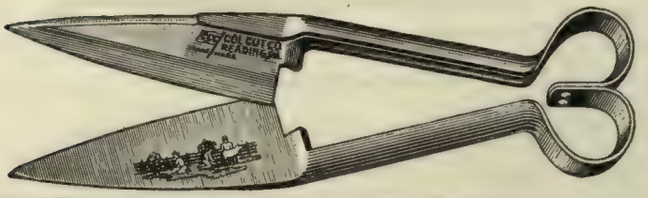
One-half Dozen in a Box.

No. BBA—BURGON & BALL, Solid Steel, Polished Straight Blade, Double Bow.

Blade, Inches	6	6½	7	7½
Ap. Wt. Dozen, Lbs..	10	11	12	13
Per Dozen	$27.75	28.90	30.00	33.35

One-half Dozen in a Box.

Sheep Shears.



AMERICAN, Swaged and Polished Blades, Double Bow, Both Blades Etched.

No. 12—Bent Blades.

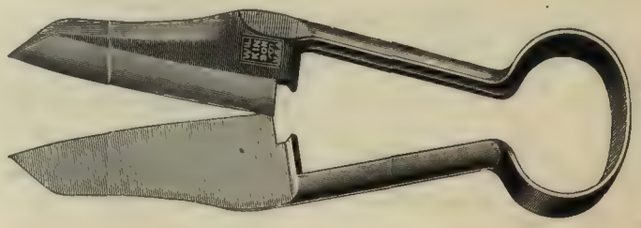
Blade, Inches	5	5½	6
Ap. Wt. Per Dozen, Lbs..	10	12	14
Per Dozen	$18.35	18.35	18.90

No. 012—Straight Blades.

Blade, Inches	6	6½
Ap. Weight Per Dozen, Lbs....	10	12
Per Dozen	$18.90	19.45

One-half Dozen in a Box.

Mule Shears.



Half Polished Swaged Blade, Curved for Roaching.

No.	5
Blade, Inches	9½
Ap. Weight Per Dozen, Lbs.	6
Per Dozen	$5.60

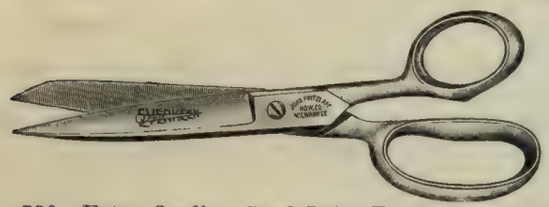
One-half Dozen in a Box.

Shears.

EVERKEEN Shears have Drop Forged Steel Frames upon which the Finest English Crucible Steel is Welded. They are hardened in cold water. The Forging and Tempering Heats are regulated by Pyrometers. All Shears, sizes from 6 to 10 inches inclusive, have Needle Points, Perfect Fitting Joints and Accurately Adjusted Cutting Edges. Fully Warranted.

STRAIGHT TRIMMERS

EVERKEEN J.P.H.CO.



No. 300—Extra Quality, Steel Laid, Full Nickel Plated.

Length, Inches	6	6½	7	7½
Ap. Wt. Dozen, Lbs..	2¼	2¾	3½	4⅛
Per Dozen	$10.50	11.25	12.00	12.80
Length, Inches	8	8½	9	10
Ap. Wt. Dozen, Lbs..	4¼	4¾	6	6¼
Per Dozen	$13.65	14.50	16.90	22.25

Extra Quality, Steel Laid, Full Nickel Plated.

Per Dozen

No. 315—Left Hand, 8 in., Weight Per Dozen About 3½ Lbs. $17.60

One-half Dozen in a Box.

No. 400—Extra Quality, Steel Laid, Nickel Plated Blades, Japanned Bows.

Length, Inches	6	6½	7	7½
Ap. Wt. Dozen, Lbs..	2½	3	3½	4½
Per Dozen	$8.00	8.70	9.35	9.90
Length, Inches	8	8½	9	10
Ap. Wt. Dozen, Lbs..	4⅜	4½	6½	8
Per Dozen	$10.60	11.15	13.00	16.70

One-half Dozen in a Box.

BENT TRIMMERS

EVERKEEN J.P.H.CO.

No. 310—Extra Quality, Steel Laid, Full Nickel Plated.

Length, Inches....	7	8	9	10	12
Ap. Wt. Dozen, Lbs.	3½	4	6⅝	9½	12⅞
Per Dozen	$12.80	14.50	19.25	24.00	28.90

One-half Dozen in a Box.

No. 410—Extra Quality, Steel Laid, Nickel Plated Blades, Japanned Bows.

Length, Inches.....	7	8	9	10	12
Ap. Wt. Dozen, Lbs.	3⅝	3⅞	7	9⅝	16¾
Per Dozen	$9.90	11.15	14.80	18.60	22.25

One-half Dozen in a Box.

COMPTON'S STRAIGHT TRIMMERS

Extra Quality, Steel Laid.

No. 13—Full Nickel Plated.

Length, Inches.....	6	6½	7	7½
Ap. Wt. Dozen, Lbs.	2	2⅝	3½	3½
Per Dozen	$11.00	11.80	12.70	13.60
Length, Inches.....	8	8½	9	10
Ap. Wt. Dozen, Lbs.	4⅜	4⅜	6	6
Per Dozen	$14.35	15.30	17.80	22.80

No. 3—Nickel Plated Blades, Japanned Bows.

Length, Inches.....	6	6½	7	7½
Ap. Wt. Dozen, Lbs.	2¼	2⅝	3⅝	3½
Per Dozen	$8.25	8.90	9.50	10.15
Length, Inches.....	8	8½	9	10
Ap. Wt. Dozen, Lbs.	4½	4½	6	7¾
Per Dozen	$10.80	11.50	13.35	17.10

Left Hand, Full Nickel Plated. Per Dozen

No. 13L—8 in., Weight Per Dozen About 4½ Lbs.... $18.60

One-half Dozen in a Box.

COMPTON'S BENT TRIMMERS

Extra Quality, Steel Laid.

No. 2—Nickel Plated Blades, Japanned Bows.

Length, Inches.....	7	8	9	10	12
Ap. Wt. Dozen, Lbs.	3	4½	4¼	9⅝	16¼
Per Dozen	$10.15	11.50	15.30	19.00	22.80

No. 112—Full Nickel Plated.

Length, Inches.....	7	8	9	10	12
Ap. Wt. Dozen, Lbs.	2⅝	4	6¼	8⅝	13
Per Dozen	$13.60	15.20	20.25	25.35	30.50

One-half Dozen in a Box.

Shears.

ARLINGTON STRAIGHT TRIMMERS

No. 110—Steel Laid, Full Nickel Plated.

Length, Inches.....	6	6½	7	7½	8
Ap. Wt. Dozen, Lbs..	2⅛	2½	2⅞	3½	4
Per Dozen	$7.35	7.70	8.15	8.60	8.90

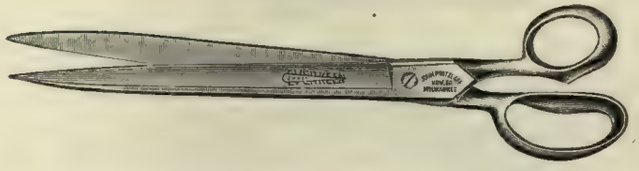
One half Dozen in a Box.

No. 100—Steel Laid, Nickel Plated Blades, Japanned Bows.

Length, Inches.....	6	6½	7	7½	8
Ap. Wt. Dozen, Lbs.	2¼	2⅞	3⅞	4¼	4½
Per Dozen	$5.35	5.80	6.25	6.70	7.15

One-half Dozen in a Box.

BANKERS' OR PAPER SHEARS



No. 350—Extra Quality, Steel Laid, Full Nickel Plated.

Length, Inches	10	12	14	16
Ap. Wt. Dozen, Lbs..	4¼	9	10½	11
Per Dozen	$21.70	27.20	35.20	46.55

One-half Dozen in a Box.

COMPTON'S

No. 88—Extra Quality, Steel Laid, Nickel Plated Blades, Japanned Bows.

Length, Inches	12	14	16
Ap. Wt. Per Dozen, Lbs..	8½	10½	12
Per Dozen	$21.60	27.90	36.65

One-half Dozen in a Box.

ATLAS STRAIGHT TRIMMERS

Cast Steel, Full Nickel Plated, Brass Bolt and Nut.

Per Assortment

No. 90—Assortment, Contains 12 Shears, Assorted Three 7 in., Six 8 in., and Three 9 in., Straight Trimmers, Weight Per Assortment About 3 Lbs. $3.35

One Assortment in a Box.

TRIUMPH BENT TRIMMERS

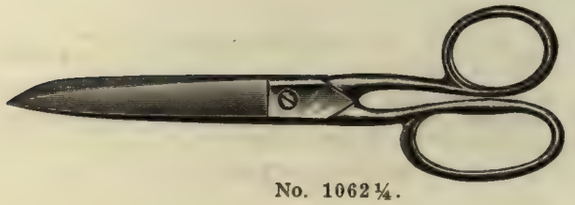
Extra Quality Cast Steel, Full Nickel Plated, Highly Finished, Brass Bolt and Nut, with Cushion Washer.

Per Assortment

No. 902—Assortment, Contains 12 Shears, Assorted Three 7 in., Six 8 in., and Three 9 in., Bent Trimmers, Weight Per Assortment About 3½ Lbs. $4.50

One Assortment in a Box.

STRAIGHT TRIMMERS



No. 1062¼.

Solid Cast Steel, Full Nickel Plated.

Per Assortment

No. 1062¼—Assortment, Contains 12 Shears, Assorted Three Each 6, 6½, 7 and 7½ in., Straight Trimmers, Weight Per Assortment About 2½ Lbs. $4.50

One Dozen Assorted in a Box.

Shears.

BARBERS'

Extra Quality, Steel Laid.

No. 340—Full Nickel Plated.

Length, Inches	7½
Ap. Weight Per Dozen, Lbs.	2
Per Dozen	$13.35

One-half Dozen in a Box.

COMPTON'S

No. 4.

Extra Quality, Steel Laid.

No. 14—Full Nickel Plated.

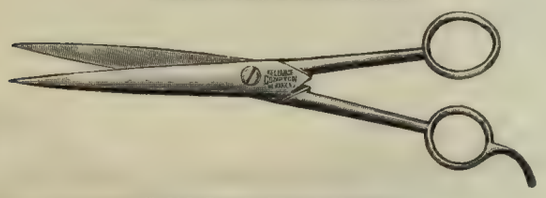
Length, Inches	8
Ap. Weight Per Dozen, Lbs.	2¼
Per Dozen	$14.50

No. 4—Nickel Plated Blades, Japanned Bows.

Length, Inches	8
Ap. Weight Per Dozen, Lbs.	2¼
Per Dozen	$11.15

One-half Dozen in a Box.

FRENCH PATTERN



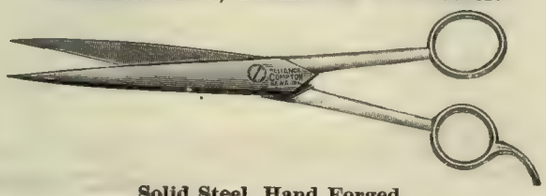
Solid Steel, Hand Forged.

No. 94—Full Nickel Plated, Highly Finished.

Length, Inches	7½
Ap. Weight Per Dozen, Lbs.	1½
Per Dozen	$22.25

One-half Dozen in a Box.

ANTISEPTIC, FRENCH PATTERN



Solid Steel, Hand Forged.

No. A94—Nickel Plated Blades, Handle Triple Coated with White Celluloid.

Length, Inches	7½
Ap. Weight Per Dozen, Lbs.	1⅞
Per Dozen	$24.50

One-half Dozen in a Box.

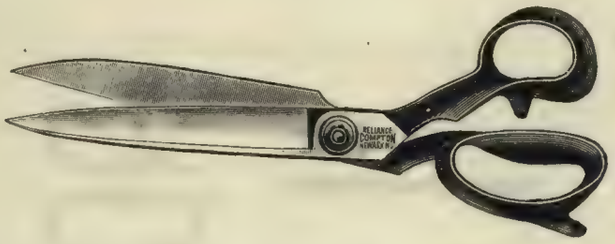
TAILORS'

Extra Quality, Steel Laid, Polished Blades, Japanned Bows, Fitted with a Plain Strong Durable Steel Screw and Nut.

No.	12
Length, Inches	12
Ap. Weight Per Pair, Lbs.	1½
Per Pair	$3.90

One Pair in a Box.

COMPTON'S



Extra Quality, Steel Laid, Polished Blades, Japanned Bows, Patent Expansion Shear Bolt.

Nos.	3½R	4½R	6R	7R	8R
Length, Inches	12½	13	13¾	14	14¼
Ap. Wt. Per Pair, Lbs.	1¾	1¾	2⅛	2½	3
Per Pair	$5.35	8.00	12.00	13.35	14.70

One Pair in a Box.

COMPTON, CINCINNATI OR WESTERN PATTERN

No. 9C.

Extra Quality, Steel Laid, Polished Blades, Japanned Elongated Bows, Patent Expansion Shear Bolt, Adapted for Wholesale Cloth Cutters.

Per Pair

No. 9C—14½ in. Long Over All, Weight Per Pair About 3 Lbs. $16.70

Owing to the immense leverage produced by peculiarity of joint and elongated handles, this shear will cut a number of thicknesses of cloth with the least effort.

One Pair in a Box.

Ladies' Scissors.

No. 3894—[illegible], Finest Quality English Crucible Cast Steel, Nickel Plated, Fitted Bows.

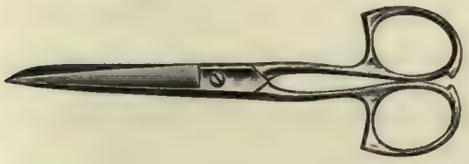
Length, Inches	4	4½	5	5½
Ap. Wt. Dozen, Lbs...	½	⅞	1	1¼
Per Dozen	$8.35	9.45	10.60	12.00
Length, Inches		6	6½	7
Ap. Wt. Dozen, Lbs...		1½	2	2
Per Dozen		$13.35	14.50	15.60

One-half Dozen in a Box.

No. 504—[illegible], Finest Quality English Crucible Cast Steel, Nickel Plated, Fancy Bows.

Length, Inches.....	4	4½	5	5½	6
Ap. Wt. Dozen, Lbs.	¾	⅞	1¼	1⅜	1⅝
Per Dozen	$10.00	11.15	12.25	13.35	14.50

One-half Dozen in a Box.



No. 325—[illegible], Finest Quality English Crucible Steel, Nickel Plated, Mission Pattern Bows.

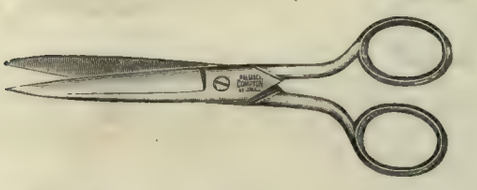
Length, Inches.....	4	4½	5	5½	6
Ap. Wt. Dozen, Lbs.	½	¾	1	1¼	1½
Per Dozen	$9.50	10.55	11.65	12.75	13.90

One-half Dozen in a Box.

No. 3959—DIAMOND, Extra Fine Cast Steel, Nickel Plated, Fitted Bows.

Length, Inches.....	4	4½	5	5½	6
Ap. Wt. Dozen, Lbs..	¾	⅞	1	1⅜	1½
Per Dozen	$8.35	8.90	10.00	11.15	12.25

One-half Dozen in a Box.



No. 79—Finest Quality English Crucible Cast Steel, Oval Pattern Blades, Double Sharp Point, Nickel Plated.

Length, Inches.....	4	4½	5	5½	6
Ap. Wt. Dozen, Lbs..	⅝	⅞	1⅛	1¼	1½
Per Dozen	$9.50	10.00	11.15	12.25	13.35

One Dozen in a Box.

No. 9468—CENTURY, Fine Quality Cast Steel, Nickel Plated, Fancy Gilt Bows.

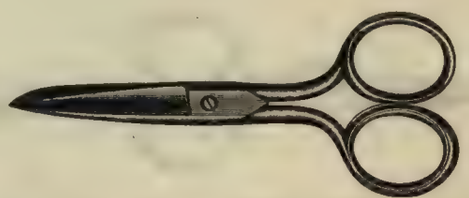
Length, Inches.....	4	4½	5	5½	6
Ap. Wt. Dozen, Lbs.	⅝	⅞	1	1⅜	1¾
Per Dozen	$7.10	7.60	8.00	8.35	8.90

One-half Dozen in a Box.

No. 9268—CENTURY, Fine Quality Cast Steel, Highly Polished, Fitted Bows.

Length, Inches.....	4	4½	5	5½	6
Ap. Wt. Dozen, Lbs.	⅝	¾	1	1	1¼
Per Dozen	$4.00	4.50	5.35	6.15	6.70

One-half Dozen in a Box.



No. 280—Cast Steel, Nickel Plated, Steel Screw.

Length, Inches	5½	6½
Ap. Weight Per Dozen, Lbs.....	1	1⅜
Per Dozen	$3.00	3.35

One-half Dozen in a Box.

Embroidery Scissors.

EVERLASTING, Finest Quality English Crucible Cast Steel, Nickel Plated, Fitted Bows.

Per Dozen

No. 3894E—3½ in., Weight Per Dozen About ½ Lb...**$8.00**

One-half Dozen in a Box.

EVERLASTING, Finest Quality English Crucible Cast Steel, Nickel Plated, Fancy Bows.

Per Dozen

No. 504E—3½ in., Weight Per Dozen About ¾ Lb...**$9.50**

One-half Dozen in a Box

EVERLASTING, Finest Quality English Crucible Steel, Nickel Plated, Mission Pattern Bows.

Per Dozen

No. 325E—3½ in., Weight Per Dozen About ½ Lb...**$8.90**

One-half Dozen in a Box.

CENTURY, Fine Quality Cast Steel, Nickel Plated, Fancy Gilt Bows.

Per Dozen

No. 9468E—3½ in., Weight Per Dozen About ½ Lb...**$6.70**

One-half Dozen in a Box.

No. 79E—Finest Quality English Crucible Cast Steel, Oval Pattern Blades, Double Sharp Point, Nickel Plated.

Length, Inches	3½
Ap. Weight Per Dozen, Lbs...	½
Per Dozen	$8.90

One-half Dozen in a Box.

No. 4104E—CENTURY, Cast Steel, Highly Polished.

Length, Inches	3	3½
Ap. Wt. Dozen, Lbs...	⅜	½
Per Dozen	$3.60	4.00

One-half Dozen in a Box.

EVERLASTING, Finest Quality English Crucible Cast Steel, Nickel Plated Blades, Gilt Body and Bows.

Per Dozen

No. 175E—4 in., Weight Per Dozen About ⅝ Lb.....**$8.90**

One-half Dozen in a Box.

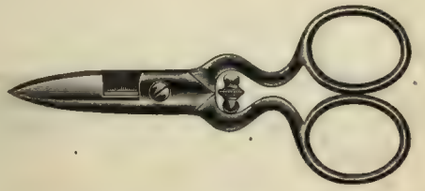
Button Hole Scissors.

EVERLASTING, Finest Quality English Crucible Cast Steel, Nickel Plated, Patent Set Screw, Fitted Bows.

Per Dozen

No. 73—4¼ in., Weight Per Dozen About ⅞ Lb.....**$12.25**

One-half Dozen in a Box.



CENTURY, Fine Quality Cast Steel, Highly Polished, Patent Set Screw.

Per Dozen

No. 7210—4½ in., Weight Per Dozen About 1¼ Lbs.....**$8.90**

One-half Dozen in a Box.

Cast Steel, Nickel Plated, Patent Set Screw.

Per Dozen

No. 254—4¼ in., Weight Per Dozen About 1⅛ Lbs.....**$3.90**

One-half Dozen in a Box.

Pocket Scissors.

No. 399—[illegible], Swaged Blades, Forged from Finest Quality Cast Steel, Nickel Plated, Inverted Bows.

Length, Inches..	4	4½	5
Ap. Wt. Dz., Lbs.	1¼	1½	1¾
Per Dozen.....	$10.00	10.60	11.15

One-half Dozen in a Box.

No. 389—[illegible], Finest Quality English Crucible Cast Steel, Nickel Plated, Fitted Bows.

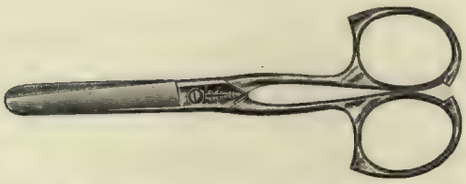
Length, Inches ..	4	4½	5
Ap. Wt. Doz., Lbs.	1	1¼	1½
Per Dozen.....	$9.50	10.00	10.60

One-half Dozen in a Box.

No. 395—DIAMOND, Extra Fine Cast Steel, Nickel Plated, Fitted Bows.

Length, Inches ..	4	4½	5
Ap. Wt. Doz., Lbs.	1	1¼	1½
Per Dozen.....	$9.35	10.00	11.15

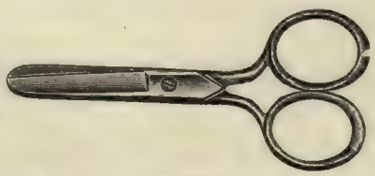
One-half Dozen in a Box.



No. 350—[illegible], Finest Quality English Crucible Steel, Nickel Plated, Mission Pattern Bows.

Length, Inches.....	4½
Ap. Wt. Per Dozen, Lbs.....	⅞
Per Dozen	$11.15

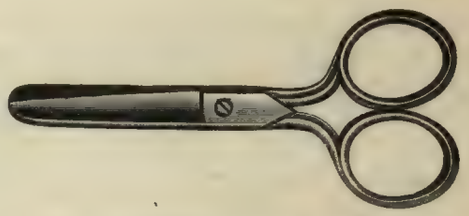
One-half Dozen in a Box.



No. 8135—CENTURY, Fine Quality Cast Steel, Polished.

Length, Inches.....	4	4½
Ap. Wt. Dozen, Lbs...	1	1¼
Per Dozen	$4.50	5.35

One-half Dozen in a Box.



No. 280P—Cast Steel, Heavy Nickel Plated, Steel Screw.

Length, Inches	4½
Ap. Wt. Per Dozen, Lbs.....	1
Per Dozen	$2.80

One-half Dozen in a Box.

Kindergarten School Scissors.

No. 50.

No. 50—Cast Steel, Nickel Plated.

Length, Inches	4½
Ap. Weight Per Dozen, Lbs.....	1¼
Per Dozen	$1.70

One-half Dozen in a Box.

Shear and Scissor Assortment.

No. 4 Assortment.

FOUR PIECE ASSORTMENT.

Each

No. 4—[illegible] Assortment, Contains One Pair 7½ in. Nickel Plated Straight Shears, One Pair 5½ in. Ladies' Scissors, One Pair 3½ in. Embroidery Scissors and One Pair 4¼ in. Button Hole Scissors, in 8¾x5¾ in. Genuine Leather Case, Fashioned Bottom, Lined with the Best Quality Red or Purple Color Plush, Satin Lined Cover with Nickel Plated Slide Catch, Weight Per Set About 1½ Lbs.....$6.15

One Assortment in a Box.

Ladies' Scissor Assortments.

Nos. 30 and 35.

No. 40.

Three Piece Set.

Per Set

No. 30—Assortment, Contains One No. 9468E, 3½ in. Embroidery and One Each No. 9468, 4½ and 5½ in. Ladies' Scissors, in Black Leather Case with Loop Leather Clasp and Blue Silk and Plush Lining, Weight Per Set About ½ Lb. **$3.35**

No. 35—Assortment, Contains One No. 3894E, 3½ in. Embroidery and One Each No. 3894, 4½ and 5½ in. Ladies' Scissors, in Black Leather Case with Loop Leather Clasp and Blue Silk and Plush Lining, Weight Per Set About ½ Lb. **3.90**

No. 40—Assortment, Contains One No. 504E, 3½ in. Embroidery and One Each No. 504, 4½ and 5½ in. Ladies' Scissors, in Grey Seal Leather Case with Nickel Plated Slide Catch and Grey Silk and Plush Lining, Weight Per Set About ½ Lb..... **5 60**

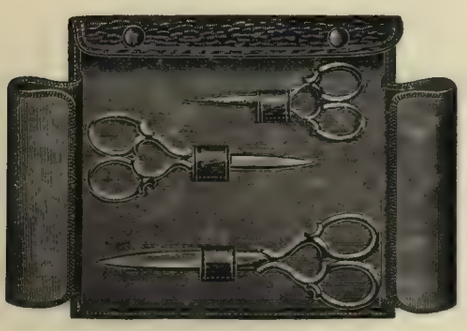
One Set in a Box.

Three Piece Set.

Per Set

No. 33—Assortment, Contains One No. 9468E, 3½ in. Embroidery Scissors and One Each No. 9468, 4½ and 5½ in. Ladies' Scissors, in Tan Color Leather Case, with Brown Silk Lining, Weight Per Set About ½ Lb..... **$3.20**

One Set in a Box.



Three Piece Set.

Per Set

No. 401—Assortment, Contains One No. 504E, 3½ in. Embroidery Scissors and One Each No. 504, 4½ and 5½ in. Ladies' Scissors, in Brown Leather Case, with Gray Silk Lining, Weight Per Set About ½ Lb..... **$4.80**

One Set in a Box.

Four Piece Set.

Per Set

No. 304—Assortment, Contains One No. 3894E, 3½ in. Embroidery Scissors, One Each No. 3894, 4½ and 5½ in. Ladies' Scissors and One No. 73 Button Hole Scissors, in Brown Leather Case, with Gray Silk Lining, Weight Per Set About ½ Lb. **$4.80**

One Set in a Box.

Library Sets.

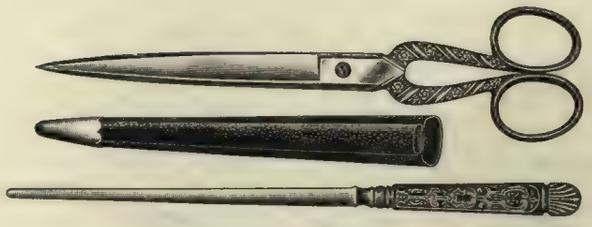
Handsomely Engraved.

Per Dozen Sets

No. 10201—Set Consists of One Pair 7 in. Gilt Handle Scissors and One Letter Opener to Match, Each Set in Case....**$18.90**

Weight Per Dozen Sets About 4 Pounds.

One-twelfth Dozen Sets in a Box.



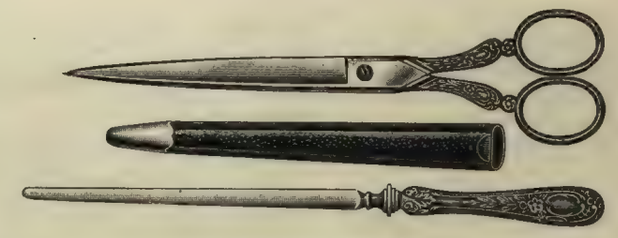
Handsomely Engraved.

Per Dozen Sets

No. 1300—Set Consists of One Pair 9 in. Gilt Handle Scissors and One Letter Opener to Match, Each Set in a Case.....**$26.65**

Weight Per Dozen Sets About 6 Pounds.

One-twelfth Dozen Sets in a Box.



Handsomely Engraved.

Per Dozen Sets

No. 1309—Set Consists of One Pair 9 in. Silver Handle Scissors and One Letter Opener to Match, Each Set in a Case.....**$37.50**

Weight Per Dozen Sets About 6 Pounds.

One-twelfth Dozen Sets in a Box.

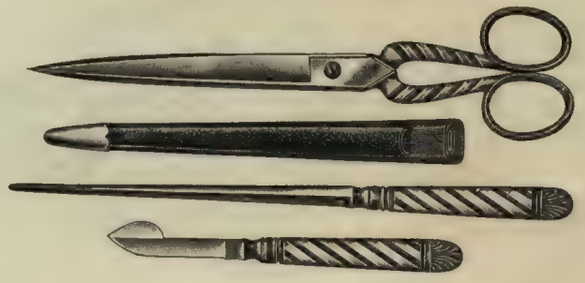
Handsomely Engraved.

Per Dozen Sets

No. 10475—Set Consists of One Pair 9 in. Gilt Handle Scissors and One Letter Opener to Match, Each Set in a Case.....**$46.65**

Weight Per Dozen Sets About 6 Pounds.

One-twelfth Dozen Sets in a Box.



Handsomely Engraved.

Per Dozen Sets

No. 1305/3—Set Consists of One Pair 9 in. Gilt Handle Scissors, One Letter Opener and One Eraser to Match, Each Set in a Case....**$50.65**

Weight Per Dozen Sets About 6 Pounds.

One-twelfth Dozen Sets in a Box.

Nail Scissors.

EVERLASTING, Finest Quality English Crucible Cast Steel, Nickel Plated, Fitted Bows.

Per Dozen

No. 2360—4 in., Weight Per Dozen About ¾ Lb. **$13.35**

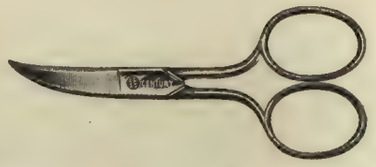
One-half Dozen in a Box.

EVERLASTING, Finest Quality English Crucible Steel, Nickel Plated, Mission Pattern Bows.

Per Dozen

No. 335—3½ in., Weight Per Dozen About ½ Lb. **$12.25**

One-half Dozen in a Box.



CENTURY, Finest Quality Cast Steel, Nickel Plated.

Per Dozen

No. 530—3½ in., Weight Per Dozen About ½ Lb. **$8.90**

One-half Dozen in a Box.

Cuticle Scissors.

EVERLASTING, Finest Quality English Crucible Cast Steel, Nickel Plated.

Per Dozen

No. 446—4 in., Weight Per Dozen About ⅜ Lb. **$13.35**

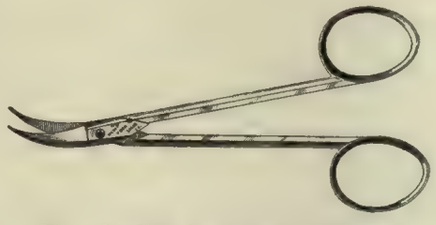
One-half Dozen in a Box.

EVERLASTING, Finest Quality English Crucible Steel, Nickel Plated, Mission Pattern Bows.

Per Dozen

No. 330—4 in., Weight Per Dozen About ½ Lb. **$12.25**

One-half Dozen in a Box.



Fine Quality Cast Steel, Half Crocus Polished and Nickel Plated.

Per Dozen

No. 730—4½ in., Weight Per Dozen About ⅝ Lb. **$8.90**

One-half Dozen in a Box.

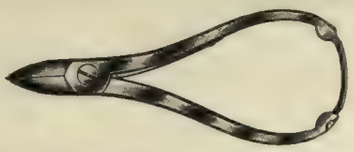
Nail Nippers.

Good Quality Forged Steel, Nickel Plated, Single Spring.

Per Dozen

No. 1974—Toe Nail Nipper, 4 in. Long, Weight Per Dozen About 1¼ Lbs. **$8.35**

One-half Dozen in a Box.

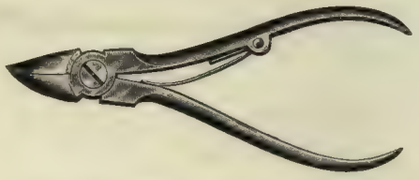


Fine Quality Forged Steel, Nickel Plated, Single Spring.

Per Dozen

No. 1935—Finger or Toe Nail Nipper, 4¼ in. Long, Weight Per Dozen About 1¼ Lbs. **$13.35**

One-half Dozen in a Box.



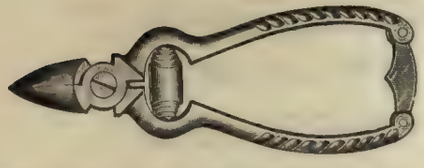
Best Quality Forged Steel, Nickel Plated, Collapsible Spring.

Per Dozen

No. 1989—Toe Nail Nipper, 4½ in. Long, Weight Per Dozen About 2⅛ Lbs. **$16.15**

One-half Dozen in a Box.

Nail Nippers.

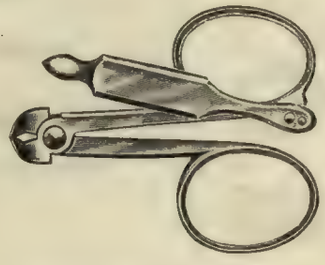


Best Quality Forged Steel, Nickel Plated, Special Spiral Spring, Corrugated Handles, Self-Opening Catch.

Per Dozen

No. 1900—Toe Nail Clipper, 4½ in. Long, Weight Per Dozen About 2 Lbs. **$20.00**

One-half Dozen in a Box.



Forged Steel, Nickel Plated.

Per Dozen

No. 1782—Combination End Cutting Finger Nail Nipper, Nail File and Cleaner, 2¼ in. Long Over All, Weight Per Dozen About ⅝ Lb. **$8.90**

One-half Dozen in a Box.

Nail Clippers.

Steel, Nickel Plated, with File and Cleaner.

Per Dozen

Gem—1⅞ in. Long, Weight Per Dozen About ½ Lb. **$3.90**

One Dozen on a Display Easel.

Manicure Sets.

IN CASES

Three Piece Set. Per Set

No. 561W—Consists of One Pair 3½ in. Solid Steel Nail Scissors, One White Handle File and One White Handle Cuticle Knife, in Genuine Leather Case **$2.00**

Weight Per Set About ¼ Pound.
One Set in a Box.

Six Piece Set. Per Set

No. 436W—Consists of One Pair 3 in. Solid Steel Manicure Scissors, One Solid Steel Tweezer, One Nail File, One Nail Cleaner, One White Handle Corn Knife and One White Handle Cuticle Knife, in Genuine Leather Case,... **$2.70**

Weight Per Set About ⅛ Pound.
One Set in a Box.

Four Piece Set. Per Set

No. 556P—Consists of One Pair 3½ in. Solid Steel Cuticle Scissors, One Pearl Handle Flexible Nail File, One Pearl Handle Cuticle Knife and One Tweezer, in Genuine Leather Case **$3.35**

Weight Per Set About ¼ Pound.
One Set in a Box.

Six Piece Set. Per Set

No. 528P—Consists of One Pair 3 in. Solid Steel Nail Scissors, One Pair 3½ in. Cuticle Scissors, One Pearl Handle Cuticle Knife, One Pearl Handle Corn Knife, One Pearl Handle Flexible Nail File and One Solid Steel Tweezer, in Genuine Leather Case..... **$4.50**

Weight Per Set About ¼ Pound.
One Set in a Box.

Five Piece Set. Per Set

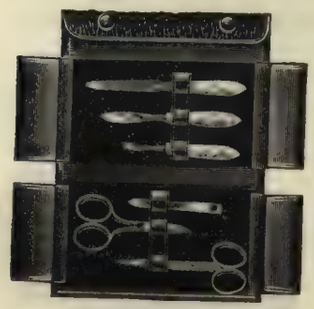
No. 514P—Consists of One Pair 3½ in. Cuticle Scissors, One Nail Buffer, One Pearl Handle Cuticle Knife, One Nail File and One Nail Cleaner, in Black Crepe Leather Case, with Purple Poplin..... **$3.70**

Weight Per Set About ¼ Pound.
One Set in a Box.

Six Piece Set. Per Set

No. 516P—Consists of One Pair 3½ in. Cuticle Scissors, One Pearl Handle Cuticle Knife, One Pearl Handle Corn Knife, One Nail File, One Nail Cleaner and One Cuticle Stick, in Black Crepe Leather Case.. **$4.50**

Weight Per Set About ¼ Pound.
One Set in a Box.



Six Piece Set. Per Set

No. 462P—Consists of One Pair 3½ in. Solid Steel Cuticle Scissors, One Pair 3 in. Solid Steel Nail Scissors, One Pearl Handle Corn Knife, One Pearl Handle Cuticle Knife, One Flexible Nail File and One Tweezer, in Genuine Leather Case **$5.00**

Weight Per Set About ¼ Pound.
One Set in a Box.

Six Piece Set. Per Set

No. 555P—Consists of One Pair 3 in. Solid Steel Nail Scissors, One Pair 3½ in. Solid Steel Cuticle Scissors, One Pearl Handle Corn Knife, One Pearl Handle Cuticle Knife, One Pearl Handle Flexible Nail File and One Pearl Handle Nail Cleaner, in Genuine Leather Case **$5.60**

Weight Per Set About ½ Pound.
One Set in a Box.

Six Piece Set. Per Set

No. 535P—Consists of One Pair 3 in. Solid Steel Nail Scissors, One Pair 3½ in. Cuticle Scissors, One Pearl Handle Corn Knife, One Pearl Handle Cuticle Knife, One Pearl Handle Flexible Nail File and One Pearl Nail Cleaner, in Genuine Leather Case..... **$5.60**

Weight Per Set About ¼ Pound.
One Set in a Box.

Manicure Sets.

IN CASES

Seven Piece Set.

Per Set

No. 512P—Consists of One Pair 3 in. Solid Steel Nail Scissors, One Pair 3½ in. Cuticle Scissors, One Tweezer, One Pearl Hoof Stick, One Pearl Handle Corn Knife, One Pearl Handle Cuticle Knife, One Flexible Nail File, in Genuine Leather Case **$6.15**

Weight Per Set About ⅜ Pound.

One Set in a Box.

Nine Piece Set.

Per Set

No. 519P—Consists of One Pair 4 in. Cuticle Scissors, One Pair 3½ in. Nail Scissors, One Pearl Handle Cuticle Knife, One Pearl Handle Corn Knife, One Nail File, One Cleaner Stick, One Emery Board and Buffer, in Black Crepe Leather Case, Lined with Purple Poplin.... **$6.15**

Weight Per Set About ⅜ Pound.

One Set in a Box.

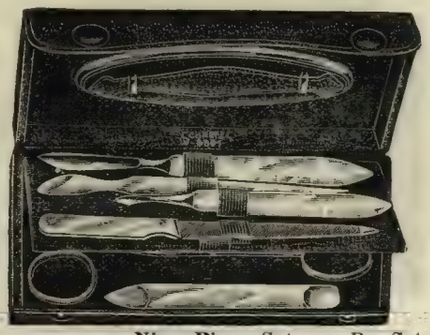
Six Piece Set.

Per Set

No. 545P—Consists of One Pair 3½ in. Solid Steel Scissors, One Pearl Handle Cuticle Knife, One Pearl Handle Corn Knife, One Pearl Handle Flexible Nail File, One Polisher and Box, in Genuine Leather Case **$6.35**

Weight Per Set About ⅜ Pound.

One Set in a Box.

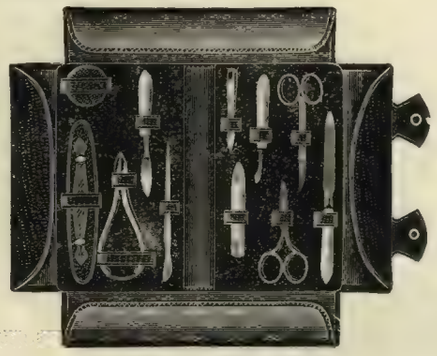


Nine Piece Set. Per Set

No. 728W—Consists of One Pair 3½ in. Cuticle Scissors, One Pair 3½ in. Nail Scissors, One White Handle Cuticle Knife, One White Handle Corn Knife, One White Handle Nail File, One Cuticle Stick, Nail Cleaner, Ear Spoon and Nail Buffer, in Dark Blue Levant Grain Leather Case **$6.70**

Weight Per Set About ½ Pound.

One Set in a Box.



Eleven Piece Set.

Per Set

No. 550P—Consists of One Pair Nail Scissors, One Pair Cuticle Scissors, One Each Pearl Handle Corn Knife, Cuticle Knife and File, One Hoof Stick, One Solid Steel Nail Nipper, One Tweezer, Cleaner, Polisher and Box, in Genuine Leather Case..... **$8.90**

Weight Per Set About ½ Pound.

One Set in a Box.

Nos. 518EB to 522P.

Ten Piece Set. Per Set

No. 518EB—Consists of One Pair 3 in. Solid Steel Nail Scissors, One Pair 3½ in. Cuticle Scissors, One Each Ebony Handle Cuticle Knife, Corn Knife, Hoof Stick, Cleaner, Flexible Nail File, and Polisher, One Tweezer and One Nail Nipper, in Genuine Leather Roll Case, Weight Per Set About ½ Lb..... **$7.25**

No. 521W—Same Description as No. 518EB, but with **White Fittings**..... **7.80**

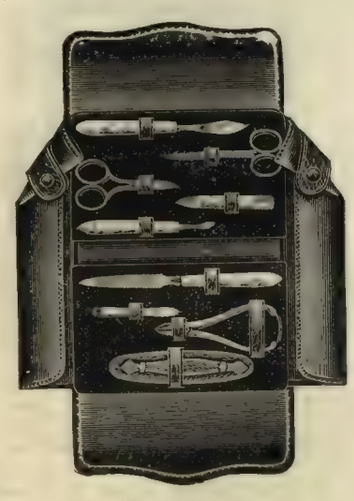
No. 522P—Same Description as No. 518EB, but with **Pearl Fittings**..... **8.45**

One Set in a Box.

Eight Piece Set. Per Set

No. 543P—Consists of One Pair 3 in. Solid Steel Nail Scissors, One Pair 3½ in. Cuticle Scissors, One Solid Steel Nail Nipper, One Tweezer, One Each Pearl Handle Corn Knife, Cuticle Knife, File and Nail Cleaner, in Genuine Leather Case, Weight Per Case About ⅝ Lb..**$10.60**

One Set in a Box.



No. 543P.

Manicure Files.

No. 13—Knife Shape, Flexible, Double Velvet Cut, Full Polished.

Inches	4	5	6
Ap. Weight Per Dozen, Lbs.	⅛	⅛	¼
Per Dozen	$2.25	2.70	3.35

No. 14—Steep Cut Medium Coarse, Flexible, Full Polished Point and Handle, Cut on Both Sides.

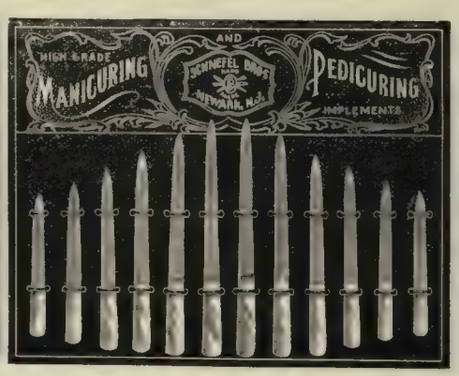
Inches	4	5	6	7
Ap. Wt. Per Dozen, Lbs.	⅛	⅛	¼	¼
Per Dozen	$1.90	2.25	3.00	3.70

Flexible, Double Cut on Each Side, Bright Handle, Finger Hold, Bright Cleaning Point.

Per Dozen

No. 2044—3½ in. Long, Each in Metal Bound Leather Pocket, Assorted Colors....**$1.80**

Weight Per Dozen About ¼ Pound.



Flexible, Double Cut on Each Side, Bright Handle and Cleaning Point.

Per Dozen

No. 2041—Assorted, Two Each 3½, 4, 4½, 5, 5½ and 6 in. Long **$1.80**

Weight Per Dozen About ¼ Pound.

Flexible, Double Cut on Each Side, Bright Handle and Cleaning Point, with Finger Hold.

Per Dozen

No. 2040—Assorted, Two Each 3½, 4, 4½, 5, 5½ and 6 in. Long **$2.25**

Weight Per Dozen About ¼ Pound.

One Dozen Mounted on a Handsome Display Easel.

Cuticle Knives.

Full Polished, Straight Edge, White Bone Handle.

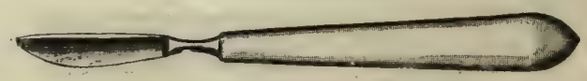
Per Dozen

No. 36—4⅛ in. Long Over All, Medium Size Blade....**$4.50**

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Corn Knives.



Crocus Polished, White Bone Handle.

Per Dozen

No. 135—5 in. Long Over All, 2 in. Scalpel Blade, Hollow Ground **$4.50**

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Tweezers.

Narrow Square Corrugated Jaws, Hollow Sides, Beveled Edges, Polished Points, and End French Grey Finish, Nickel Plated Center.

Per Dozen

No. 1017—3½ in. Long.....**$2.80**

Weight Per Dozen About ¼ Pound.

One Dozen in a Box.

Pointed, Corrugated Jaws, Medium Heavy Stock, Hollow Sides, Beveled Edges, Polished Points and End, Nickel Plated.

Per Dozen

No. 1018—3½ in. Long.....**$2.80**

Weight Per Dozen About ¼ Pound.

One Dozen in a Box.

Narrow Round Corrugated Jaws, Forged to Most Tensile Spring, Nickel Plated and Full Polished.

Per Dozen

No. 1015—3 in. Long.....**$4.00**

Weight Per Dozen About ¼ Pound.

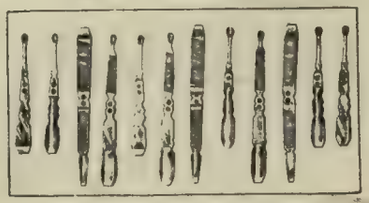
One Dozen in a Box.

Plain Pointed Jaws, Full Polished and Nickel Plated.

Per Dozen

No. 2071—Assorted Four Each 2½, 3 and 3½ in. Long, Weight Per Dozen About ¼ Lb. **$1.80**

One Dozen on Easel Display Card.



Good Quality Steel, Nickel Plated.

Per Assortment

No. 29—Assortment, One Dozen on a Card, Weight Per Card 2 Oz. **$1.50**

One Card in an Envelope.

Good Quality Steel, Nickel Plated.

Per Assortment

No. 4—Assortment, One Dozen on a Card, Weight Per Card 2 Oz..**$0.90**

One Card in an Envelope.

Shoe Knives.

OLD PUT

ROUND POINT, Forged Polished Crucible Steel Blades, Polished Stained Handle.

Nos.	3	4
Length Blade, Inches	3 5/8	4 1/4
Approx. Weight Dozen, Lbs	1 1/4	1 1/4
Per Dozen	$2.25	2.25

One Dozen in a Box.

SQUARE POINT, Forged Polished Crucible Steel Blade, Polished Stained Handle.

Nos.	13	14	15
Length Blade, Inches	3 5/8	4	4 3/8
Approx. Wt. Per Dozen, Lbs.	1 1/4	1 1/4	1 1/4
Per Dozen	$2.25	2.25	3.15

One Dozen in a Box.

Putty Knives.

Forged Polished Crucible Steel Blades, Metal Lap Bolsters, Large Brass Saw Rivets. Per Assortment

No. 2100—1 1/8 x 3 3/4 in. Half Elastic Blade, Assorted Ebony and Cocobolo Handles, Weight Per Dozen About 2 Lbs. **$2.25**

One-half Dozen in Display Box.

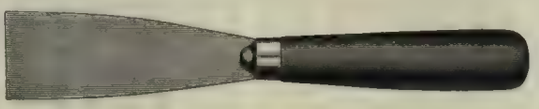
Forged Polished Crucible Steel Blade, Cocobolo Handle, Metal Lap Bolster. Per Dozen

No. 2101S —1 3/8 x 3 5/8 in. **Stiff** Blade, Weight Per Dozen About 2 1/4 Lbs. **$3.60**

No. 2101E —1 3/8 x 3 5/8 in. **Elastic** Blade, Weight Per Dozen About 2 Lbs. **3.60**

No. 2101HE—1 3/8 x 3 5/8 in. **Half Elastic** Blade, Weight Per Dozen About 2 1/2 Lbs. **3.60**

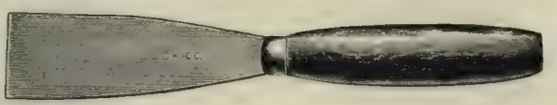
One Dozen in a Box.



Polished Steel Blade, Red Stained Handle, Steel Ferrule. Per Dozen

No. 10—1 1/4 x 3 5/8 in. Stiff Blade, Weight Per Dozen About 1 3/8 Lbs. **$1.80**

One Dozen in a Box.



Polished Steel Blade, Beechwood Handle, Steel Ferrule. Per Dozen

No. 100—1 1/4 x 3 3/4 in. Stiff Blade, Weight Per Dozen About 1 3/8 Lbs. **$1.35**

One Dozen in a Box.

Forged Polished Crucible Steel Blade, Extra Heavy, Cocobolo Handle, Metal Lap Bolster. Per Dozen

No. 2107H—1 1/2 x 4 in. Stiff Blade, Weight Per Dozen About 3 Lbs. **$4.50**

One Dozen in a Box.

Scraping Knives.

Highly Polished, Special Steel Blade, Black Enameled Handle, Nickel Plated Screws. Per Dozen

No. BC—4 in. Wide Blade, Weight Per Dozen About 2 Lbs. **$1.90**

One Dozen in a Box.

No. 100—OLD PUT, Forged Polished Crucible Steel Blades, Beechwood Handle, Steel Ferrule.

Width Blade, Inches	3	3 1/2
Approx. Weight Per Dozen, Lbs.	2	2 3/8
Per Dozen	$5.60	6.70

One Dozen in a Box.

No. 2107C.

No. 2107C—Forged Polished Crucible Steel Blades, Clipped Point, Cocobolo Handle, Metal Bolster.

Width of Blade, Inches	3	3 1/2
Approximate Weight Per Dozen, Lbs.	3 1/8	3 1/4
Per Dozen	$8.10	8.90

One Dozen in a Box.

Table Knives and Forks.

TABLE AND MEDIUM

Straight Blade, Japanned Solid IRON Handle, Table Knives and Forks.

Per Gross

No. 900—5¾ in. Blade, 3 Tined Fork, Weight Per Gross About 24 Lbs. **$11.15**

Straight Blade, 3½ in. COCOBOLO Handle, Medium Knives and Forks.

Per Gross

No. 1878—5¼ in. Blade, 3 Tined Nickel Plated Fork, Weight Per Gross About 18 Lbs. **$11.15**

No. 1908—5¼ in. Blade, 3 Tined Polished Fork, Weight Per Gross About 30 Lbs. **9.80**

Straight Blade, 3½ in. COCOBOLO Handle, Metal Bolster, Medium Knife and Fork.

Per Gross

No. 210—5¼ in. Blade, 3 Tined Nickel Plated Fork, Weight Per Gross About 18 Lbs. **$16.15**

Cimeter Swaged Blade, 3½ in. COCOBOLO Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 18781B—5¼ in. Blade, 3 Tined Nickel Plated Fork, Weight Per Gross About 18 Lbs. . **$18.90**

Straight Blade, 3½ in. COCOBOLO Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 220—5¼ in. Blade, 3 Tined Nickel Plated Fork, Weight Per Gross About 21 Lbs. **$20.00**

Straight Blade, 3¾ in. COCOBOLO Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 2100—5¾ in. Blade, 4 Tined Nickel Plated Forks, Weight Per Gross About 21 Lbs. **$21.10**

Cimeter Swaged Blade, 3¾ in. Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 21001—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 30 Lbs. **$24.50**

No. 31001—5¼ in. Blade, Ebony Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 21 Lbs. **27.25**

Cimeter Swaged Blade, 3¾ in. Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 21531—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 21 Lbs. **$25.00**

No. 31531—5¼ in. Blade, Ebony Handle, 4 Tined, Nickel Plated Fork, Weight Per Gross About 21 Lbs. **27.75**

Straight Blade, 3¾ in. Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 2101—5¾ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 21 Lbs. **$20.00**

No. 3101—5¾ in. Blade, Ebony Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 30 Lbs. **22.75**

No. 4101—5¾ in. Blade, White Bone Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 30 Lbs. **32.25**

Cimeter Swaged Blade, 3¾ in. Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 21401—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 18 Lbs. **$23.35**

No. 31401—5¼ in. Blade, Ebony Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 18 Lbs. **26.10**

No. 41401—5¼ in. Blade, White Bone Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **35.00**

Straight Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 2201—5¾ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Forks, Weight Per Gross About 21 Lbs. **$23.95**

No. 3201—5¾ in. Blade, Ebony Handle, 4 Tined Nickel Plated Forks, Weight Per Gross About 30 Lbs. **26.65**

No. 4201—5¾ in. Blade, White Bone Handle, 4 Tined Nickel Plated Forks, Weight Per Gross About 30 Lbs. **35.60**

All Knives and Forks, One-twelfth Gross (One Set) in a Box.

Table Knives and Forks.

MEDIUM

Cimeter Swaged Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 22401—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$26.65**

No. 32401—5¼ in. Blade, **Ebony** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 30 Lbs. **29.45**

No. 42401—5¼ in. Blade, **White Bone** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 30 Lbs. **38.35**

Cimeter Swaged Blade, 4 in. STAG Handle, Metal Bolster, Medium Knives and Forks.

Per Gross

No. 01401—5¼ in. Blade, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$32.25**

Cimeter Swaged Blade, 4 in. STAG Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 02401—5¼ in. Blade, 4 Tined Nickel Plated Fork, Weight Per Gross 24 Lbs. **$35.60**

Cimeter Swaged Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 22001—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$27.80**

No. 32001—5¼ in. Blade, **Ebony** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **30.60**

No. 42001—5¼ in. Blade, **White Bone** Handle, Metal Bolster and Cap, Weight Per Gross About 27 Lbs. **40.00**

Cimeter Swaged Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 22531—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$29.40**

No. 32531—5¼ in. Blade, **Ebony** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **32.25**

No. 42531—5¼ in. Blade, **White Bone** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 27 Lbs. **42.20**

Cimeter Swaged Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 22541—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$32.20**

No. 32541—5¼ in. Blade, **Ebony** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **35.00**

Cimeter Swaged Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 22691—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$34.50**

No. 32691—5¼ in. Blade, **Ebony** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **37.20**

Cimeter Swaged Blade, 4 in. Handle, Metal Bolster and Cap, Medium Knives and Forks.

Per Gross

No. 22471—5¼ in. Blade, Cocobolo Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **$33.35**

No. 32471—5¼ in. Blade, **Ebony** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 24 Lbs. **36.10**

No. 42471—5¼ in. Blade, **White Bone** Handle, 4 Tined Nickel Plated Fork, Weight Per Gross About 27 Lbs. **46.65**

Cimeter Swaged Blade, HARD RUBBER Handle, Forged Bolster, Medium Knives and Forks.

Per Set

No. 87751—5¼ in. Polished Blade, 4 Tined Polished Steel Forks, Weight Per Set About 1½ Lbs. **$7.50**

Cimeter Swaged Blade, 3⅝ in. IVORY Handle, Forged Bolster, Medium Knives and Forks.

Per Set

No. V740R—5¼ in. Polished Blade, 4 Tined Polished Steel Forks, Weight Per Set About 1½ Lbs. **$9.50**

Straight Blade, 3⅝ in. IVORY Handle, Forged Bolster, Medium Knives and Forks.

Per Set

No. V53—5¼ in. Polished Blade, 4 Tined Polished Steel Forks, Weight Per Set About 1½ Lbs. **$6.15**

All Knives and Forks, One-twelfth Gross (One Set) in a Box.

Dessert Knives and Forks.

Cimeter Swaged Blade, COCOBOLO Handle, Metal Bolster and Cap, Dessert Knives and Forks.

Per Gross

No. 22401—5 in. Blade, 4 Tined Nickel Plated Fork, Weight Per Gross About 1¾ Lbs. **$25.00**

Cimeter Swaged Blade, WHITE BONE Handle, Metal Bolster and Cap, Dessert Knives and Forks.

Per Gross

No. 42401—5 in. Blade, 4 Tined Nickel Plated Fork, Weight Per Gross About 2 Lbs. **$37.20**

One-twelfth Gross (One Set) in a Box.

Table Knives Only.

TABLE AND MEDIUM

Straight Blade, Japanned SOLID IRON Handle, Table Knife Only.

Per Gross

No. 900—5¾ in. Blade, Weight Per Gross About 27 Lbs. **$13.90**

Straight Blade, 3½ in. COCOBOLO Handle, Medium Knife Only.

Per Gross

No. 1878—5¼ in. Blade, Weight Per Gross About 18 Lbs. **$13.90**

No. 1908—5¼ in. Blade, Weight Per Gross About 14½ Lbs. **12.25**

Straight Blade, 3½ in. COCOBOLO Handle, Metal Bolster, Medium Knife Only.

Per Gross

No. 210—5¼ in. Blade, Weight Per Gross About 18 Lbs. **$20.00**

Cimeter Swaged Blade, 3¾ in. COCOBOLO Handle, Metal Bolster, Medium Knife Only.

Per Gross

No. 21401—5¼ in. Blade, Weight Per Gross About 21 Lbs. **$27.20**

Cimeter Swaged Blade, 4 in. EBONY Handle, Metal Bolster and Cap, Medium Knife Only.

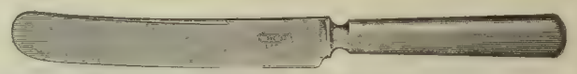
Per Gross

No. 32401—5¼ in. Blade, Weight Per Gross About 30 Lbs. **$33.35**

Cimeter Swaged Blade, HARD RUBBER Handle, Forged Bolster, Medium Knife Only.

Per Dozen

No. 87751—5¼ in. Polished Blade, Weight Per Dozen About 1½ Lbs. **$7.80**



Cimeter Swaged Blade, 3⅝ in. IVORY Handle, Forged Bolster, Medium Knife Only.

Per Dozen

No. V740R—5¼ in. Polished Blade, Weight Per Dozen About 1½ Lbs. **$10.00**

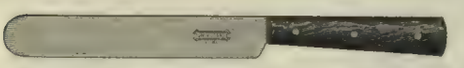
Straight Blade, 3⅝ in. IVORY Handle, Forged Bolster, Medium Knife Only.

Per Dozen

No. V53—5¼ in. Blade, Weight Per Dozen About 1½ Lbs. **$6.70**

One-twelfth Gross (One Dozen) in a Box.

Children's Knives and Forks.



Straight Blade, 2¾ in. COCOBOLO Handle, Children's Knives and Forks.

Per Dozen Pairs

No. 203—4¼ in. Blade, 3 Tined Polished Forks, Weight Per Dozen Pairs About 3 Lbs. **$3.00**

One Pair on a Card; Six Cards in a Box.

Straight Blade, 3 in. COCOBOLO Handle, Metal Bolster, Children's Knives and Forks.

Per Dozen Pairs

No. 2101—4¼ in. Blade, 3 Tined Polished Forks, Weight Per Dozen Pairs About 3 Lbs. **$3.15**

One-half Dozen Pairs in a Box.

Straight Blade, 3 in. WHITE BONE Handle, Metal Bolster and Cap, Children's Knives and Forks.

Per Dozen Pairs

No. 4201—4¼ in. Blade, 3 Tined Forks, Weight Per Dozen Pairs About 3 Lbs. **$5.60**

Cimiter Swaged Blade, 3 in. COCOBOLO Handle, Metal Bolster and Cap, Children's Knives and Forks.

Per Dozen Pairs

No. 22821—4¼ in. Blade, 3 Tined Polished Fork, Weight Per Dozen Pairs About 3 Lbs. **$6.15**

One-half Dozen Pairs in a Box.

One-Arm Man's Knives and Forks.

Forged Polished Crucible Steel Blades, Ebony Handle, Metal Bolster and Cap.

Per Dozen

No. 3201—5½ in. Blade, 8¼ in. Long Over All, Weight Per Dozen About 6 Lbs. **$13.35**

One-twelfth Dozen in a Box.

Forged Polished Crucible Steel Blade, Ivory (Nubian) Handle.

Per Dozen

No. 8675—5½ in. Blade, 9½ in. Over All, Weight Per Dozen About 6 Lbs. **$33.35**

One-twelfth Dozen in a Box.

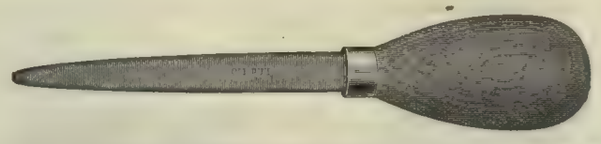
Oyster Knives.

Forged Polished Crucible Steel Blade, Beechwood Handle.

Per Dozen

No. S—Boston (Short), 2¾ in. Blade, Weight Per Dozen About 1½ Lbs. **$3.70**

One Dozen in a Box.



Forged Polished Crucible Steel Blade, Beechwood Handle.

Per Dozen

No. L—Boston (Long), 4⅛ in. Blade, Weight Per Dozen About 2 Lbs. **$3.70**

One Dozen in a Box.

Grape Fruit Knives.

Best Quality Curved Polished Steel Blade, Black Enameled Handle.

Per Dozen

No. 345—4 in. Blade, Weight Per Dozen About 1½ Lbs. **$4.50**

One Dozen in a Rack Display Box.

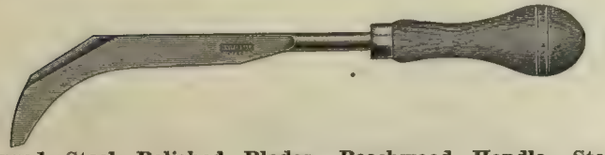
Best Quality Steel, Highly Finished, Saw Edge Blade, Solid Cocobolo Handle.

Per Dozen

No. S-111—4 in. Blade, Weight Per Dozen About 1½ Lbs. **$8.90**

One Dozen in a Box.

Banana Knives.



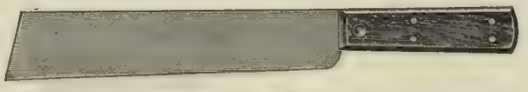
Forged Steel Polished Blades, Beechwood Handle, Steel Ferrule.

Per Dozen

No. 1000—6½ in. Blade, Weight Per Dozen About 2½ Lbs. **$6.70**

One-half Dozen in a Box.

Cheese Knives.



No. 203—Forged Steel Blades, Heavily Tinned, Cocobolo Handle.

Length of Blade, Inches.....	10	12
Approx. Weight Dozen, Lbs.....	10	12
Per Dozen	$7.80	11.15

One-half Dozen in a Box.

Kitchen Forks.

No. 480.

Highly Tempered Steel, Cocobolo Handle, Brass Rivets and Burrs.

Per Dozen

No. 480—12¾ in. Entire Length, 7 in. Long Handle, Weight Per Dozen About 3¼ Lbs. **$4.50**

One-half Dozen in a Carton.

Kitchen Knife Assortments.

No. 50.

EVERLASTING, Extra Fine Polished Steel Blades, Cocobolo Handle, Through Tang, Three Brass Rivets.

Per Dozen

No. 50—3¼ in. Blades, Assorted Three Style Points, Weight Per Dozen About 2 Lbs. **$1.90**

EVERLASTING, Extra Fine Polished Steel Blades, Assorted Handles, Two Brass Rivets.

Per Dozen

No. 75—3 in. Blades, Assorted Two Style Points, Assorted Four Each Boxwood, Ebony and Cocobolo Handles, Wt. Per Dozen About 2½ Lbs.. **$2.25**

One Dozen Assorted in Display Box.

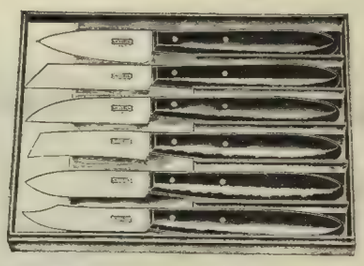
No. 75.

CLYDE, Extra Fine Polished Steel Blades and Swedges, Solid Aluminum Handles.

Per Dozen

No. 700—Assorted Four Style Blades, Weight Per Dozen About 2 Lbs..... **$2.70**

One Dozen in Easel Display Case.



UNIVERSAL, Extra Quality Steel Blade, Polished, Ebony Handle.

Per Dozen

No. 391—Assorted Five Style Blades, Weight Per Dozen About 2 Lbs..... **$2.25**

One-half Dozen Assorted in a Box.

CENTURY CUTLERY CO.'S, Cast Steel Blades, Stained Beechwood Handles, Polished Steel Ferrules.

Per Dozen

No. 801—Asorted 2¾ and 3 in. Blades, Three Patterns to a Dozen, Weight Per Dozen About 2 Lbs..... **$1.15**

One Dozen Asorted in a Box.

Kitchen Knives.

EVERLASTING, Extra Fine Polished Crucible Steel Blade, Stag Handles, Through Tang, Three Brass Rivets.

Per Dozen

No. 35—3⅞ in. Blade, Weight Per Dozen About 2 Lbs. **$3.35**

One Dozen in a Box.

EVERLASTING, Extra Fine Polished Crucible Steel Blade, Cocobolo Handle, Through Tang, Three Brass Rivets.

Per Dozen

No. 139—3 in. Blade, Weight Per Dozen About 2 Lbs. **$2.60**

One Dozen in a Box.

Best Crucible Steel Blade, Flat Beechwood Handle, Three Rivets.

Per Dozen

No. 42—3¼ in. Blade, Weight Dozen About 1½ Lbs..... **$0.90**

One Dozen in a Box.

Polished Steel Blade, Beechwood Handle, Steel Ferrule.

Per Dozen

No. 0—3 in. Blade, Weight Per Dozen About 1¼ Lbs..... **$2.60**

One Dozen in a Box.

OLD PUT, Polished Steel Blade, Stained Wood Handle, Steel Ferrule.

Per Dozen

No. 3—3¾ in. Blade, Weight Per Dozen About 1½ Lbs.. **$2.25**

One Dozen in a Box.

Polished Steel Blade, Cocobolo Handle, Metal Bolster.

Per Dozen

No. 2101—3½ in. Blade, Weight Per Dozen About 1½ Lbs... **$1.60**

One Dozen in a Box.

HENCKEL'S, Polished Steel Blade, Beechwood Handle.

Per Dozen

No. 181—3⅝ in. Blade, Weight Per Dozen 1½ Lbs..... **$1.90**

Two Dozen in a Package.

HENCKEL'S, Polished Steel Blade, Ebony Handle.

Per Dozen

No. 195—3⅝ in. Blade, Weight Per Dozen About 1½ Lbs... **$2.80**

Two Dozen in a Package.

Bread Knives.

Polished Steel Blade, Beechwood Handle, Steel Ferrule.

Per Dozen

No. 1001—8 in. Blade, Weight Per Dozen About 4 Lbs. **$2.80**

One Dozen in a Box.

OLD PUT, Polished Steel Blade, Polished Beechwood Handle, Steel Ferrule.

Per Dozen

No. 3—8 in. Blade, Weight Per Dozen About 4 Lbs.... **$4.50**

One Dozen in a Box.

Polished Swaged Steel Blade, Cocobolo Handle, Scale Tangs, Metal Bolster.

Per Dozen

No. 2107—8 in. Blade, Weight Per Dozen About 4½ Lbs. **$6.15**

One-half Dozen in a Box.

Polished Swaged Steel Blade, Cocobolo Handle, Metal Bolster and Cap.

Per Dozen

No. 2201—8¼ in. Blade, Weight Per Dozen About 4½ Lbs. **$7.80**

One-half Dozen in a Box.

LIGHTNING, Cast Steel Blade, Serrated Edge, Black Enameled Wood Handle, Steel Ferrule.

Per Dozen

No. 100—9 in. Blade, Weight Per Dozen About 3½ Lbs. **$4.50**

One in a Carton; One Dozen in a Box.

AETNA, Polished Steel Blade, Scalloped Edge, Polished Beechwood Handle, Steel Ferrule.

Per Dozen

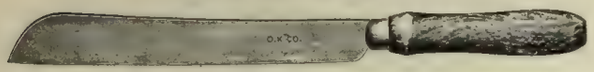
No. 1—10 in. Blade, Weight Per Dozen About 2 Lbs.. **$2.80**

One in a Box; One Dozen in a Package.

Kitchen Sets.

Paring Knife.

Butcher Knife.



Bread Knife.

Polished Crucible Steel Blade, Enameled Wood Handle, Steel Ferrule.

Per Dozen Sets

No. 55—New Century Kitchen Set, Consists of One Each 8 in. Bread Knife, 6½ in. Butcher Knife and Paring Knife, Weight Per Dozen Sets About 8 Lbs. **$4.50**

One-twelfth Dozen Sets in a Box.

Knife Sets.

Kitchen Knife.

Cake Knife.

Bread Knife.

Polished Cast Steel Blade, Wire Handle.

Per Dozen Sets

No. 15—Climax Set, Consists of One Each 9½ in. Bread Knife, 8 in. Cake Knife and 3 in. Kitchen Knife, Weight Per Dozen Sets About 6 Lbs... **$3.35**

One Set in a Package; One Dozen Sets in a Carton.

Cook Knives.

FRENCH

No. 200—Polished Cast Steel Blade, Ebony Handle, Solid Bolster.

Length Blade, Inches.	8	9	10	11	12
Ap. Wt. Dozen, Lbs...	2½	3	4½	6	8
Per Dozen	$7.25	8.90	10.60	12.25	14.50

One Dozen in a Package.

CROWN

No. 5692—Polished Steel Blade, Rosewood Handle, Solid Bolster, Fancy Rivet.

Length Blade, Inches.....	6	7	8
Ap. Weight Per Dozen, Lbs...	3½	4½	5½
Per Dozen	$5.80	6.70	7.80

One-half Dozen in a Box.

Ham Slicers.

EVERKEEN EVERSHARP, Crucible Cast Steel Swaged Blade, Through Tang, Ebony Handle, Brass Rivets.

Per Dozen

No. 22—10 in. Blade, Weight Per Dozen About 3¾ Lbs. **$9.50**

One-half Dozen in a Box.

Forged Polished Crucible Steel Blade, Ivoroy (Nubian) Handle, Forged Bolster.

Per Dozen

No. 8617—10 in. Blade, Weight Per Dozen About 3 Lbs. **$20.00**

One-half Dozen in a Box.

Lunch Knives.

EVERKEEN EVERSHARP, Crucible Cast Steel Blade, Extra Fine Polish, Through Tang, Cocobolo Handle, 3 Brass Rivets.

Per Dozen

No. 40—7½ in. Blade, Weight Per Dozen About 2¾ Lbs. **$6.15**

One-half Dozen in a Box.

Camp Carvers.

EVERKEEN EVERSHARP, Crucible Cast Steel Blade, Extra Fine Polished, Crocus Finish Swage, Through Tang, Cocobolo Handle, 3 Brass Rivets.

Per Dozen

No. 900—9 in. Blade, Weight Per Dozen About 4 Lbs.. **$8.90**

One-half Dozen in a Box.

Slicers.

CENTURY CUTLERY CO.'S, Crucible Cast Steel Cimeter Swaged Blade, Through Tang, Cocobolo Handle, 3 Brass Rivets.

Per Dozen

No. 400—8 in. Blade, Weight Per Dozen About 3 Lbs.. **$4.50**

One-half Dozen in a Box.

CENTURY CUTLERY CO.'S Crucible Cast Steel French Blade, Through Tang, Cocobolo Handle, 3 Brass Rivets.

Per Dozen

No. 500—8 in. Blade, Weight Per Dozen About 3½ Lbs. **$5.35**

One-half Dozen in a Box.

EVERKEEN EVERSHARP, Crucible Steel Extra Fine Polished Swaged Blade, Through Tang, Bolstered Cocobolo Handle, Brass Rivets.

Per Dozen

No. 901—9½ in. Blade, Weight Per Dozen About 5 Lbs. **$8.90**

One-half Dozen in a Box.

Polished Steel Blade, Cocobolo Handle, Cast Metal Bolster.

Per Dozen

No. 2104—10 in. Blade, Weight Per Dozen About 5 Lbs. **$8.90**

One-half Dozen in a Box.

Spatulas or Pallet Knives.

CENTURY CUTLERY CO.'S, Special Sheffield Steel Blade, Cocobolo Handle, 3 Brass Rivets.

Per Dozen

No. 105—7 in. Blade, Weight Per Dozen About 2¼ Lbs. **$4.50**

One-half Dozen in a Box.

No. 2107—Forged Polished Crucible Steel Blade, Cocobolo Handle, Metal Bolster.

Length Blade, Inches.	4	6	7	8	10	12
Ap. Wt. Dozen, Lbs...	2	2¼	2½	3	3½	4
Per Dozen	$4.00	5.60	7.25	8.90	15.00	26.65

One-half Dozen in a Box.

No. 1982.

High Grade Crucible Steel Blade, Very Thin and Pliable, Finely Finished, Wire Handle, Nickel Plated.

Per Dozen

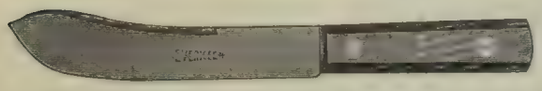
No. 1982—7 in. Blade, Weight Per Dozen About 2 Lbs..... **$4.50**

One Dozen in a Box.

Butcher Knives.

EVERKEEN Butcher Knife Blades are forged from Highest Grade Crucible Steel, scientifically tempered and ground and carefully finished. They are sharp, ready for use. Forging and tempering heats are governed by Pyrometers to guarantee evenness. Handles are thoroughly seasoned. Rivets of Brass. Every Knife unconditionally guaranteed.

EVERKEEN J.P.H.CO. CUTLERY TRADE MARK



No. 10—Crucible Steel Swaged Blade, BEECHWOOD Handle, Four Brass Rivets, FULLY WARRANTED.

Length Blade, Inches.	6	6½	7	8
Ap. Wt. Dozen, Lbs..	3½	3¾	4½	4¾
Per Dozen	$4.50	5.25	6.15	7.80
Length Blade, Inches.	9	10	12	14
Ap. Wt. Dozen, Lbs..	6	6¼	9	11¾
Per Dozen	$9.50	12.80	19.50	23.90

One-half Dozen in a Box.

No. 15—Crucible Steel Swaged Blade, Finely Polished, EBONY Handle, Four Brass Rivets, FULLY WARRANTED.

Length, Inches	6	7	8	10
Ap. Wt. Per Dozen, Lbs..	3¾	4½	4¾	6¼
Per Dozen	$7.25	9.40	12.25	17.80

One-half Dozen in a Box.

Cimeter Steak Knives.

EVERKEEN J.P.H.CO. CUTLERY

No. 10—Crucible Steel Blade, Beechwood Handle, Four Brass Rivets, FULLY WARRANTED.

Length Blade, Inches.....	10	12	14
Ap. Wt. Per Dozen, Lbs....	6½	9¼	11½
Per Dozen	$12.80	19.50	23.90

One-half Dozen in a Box.

Sticking Knives.

EVERKEEN J.P.H.CO. CUTLERY

No. 10—Crucible Steel Blade, Beechwood Handle, Four Brass Rivets, FULLY WARRANTED.

Length Blade, Inches.....	6	6½	7
Ap. Wt. Per Dozen, Lbs....	3½	4	4½
Per Dozen	$4.50	5.25	6.15

One-half Dozen in a Box.

No. 12—Crucible Steel Swaged Blade, Finely Polished, COCOBOLO Handle, Four Brass Rivets, FULLY WARRANTED.

Length, Inches	6	6½	7
Ap. Wt. Per Dozen, Lbs...	3½	4	4¾
Per Dozen	$6.70	7.80	8.35
Length, Inches	8	9	10
Ap. Wt. Per Dozen, Lbs...	5¼	6	6¼
Per Dozen	$10.60	13.90	17.50

One-half Dozen in a Box.

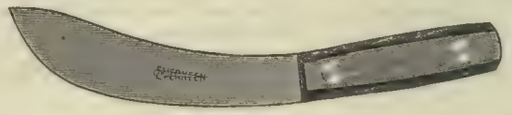
No. 258—Crucible Steel Swaged Blade, Finely Polished, ASSORTED Cocobolo, Ebony and Boxwood Handles, Three Brass Rivets, FULLY WARRANTED.

Length of Blade, Inches.....	6½
Ap. Weight Per Dozen, Lbs.....	3¾
Per Dozen	$7.25

One-half Dozen Assorted in a Box.

Skinning Knives.

EVERKEEN J.P.H.CO. CUTLERY



No. 10—Crucible Steel Blade, Beechwood Handle, Four Brass Rivets, FULLY WARRANTED.

Length Blade, Inches.....	5½	6	[illegible]
Ap. Wt. Per Dozen, Lbs.....	3	3½	[illegible]
Per Dozen	$4.50	5.25	6.15

One-half Dozen in a Box.

Boning Knives.

EVERKEEN J.P.H.CO. CUTLERY

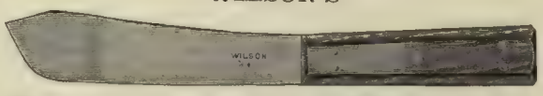
No. 10—Crucible Steel Blade, Beechwood Handle, Four Brass Rivets, FULLY WARRANTED.

Length of Blade, Inches.....	6
Ap. Weight Per Dozen, Lbs.....	3½
Per Dozen	$4.50

One-half Dozen in a Box.

Butcher Knives.

WILSON'S



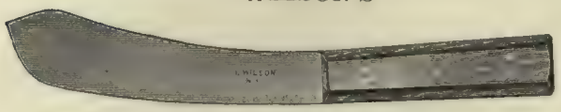
Double Shear Steel Blade, Beechwood Handle.

Nos.	026	26	28	29	30	43	44	45	46	48	86
Length Blade, Inches	4½	5	5½	6	6½	7	8	9	10	12	14
Ap. Weight Dozen, Lbs.	2¾	2¾	3	3½	3¾	4½	4½	5	6	8½	13
Per Dozen	$3.90	4.35	5.00	5.60	6.90	8.25	10.60	12.80	15.80	22.75	35.30

One-half Dozen in a Box.

Skinning Knives.

WILSON'S



Double Shear Steel Blade, Beechwood Handle.

Nos.	28	29	30	43
Length Blade, Inches	5½	6	6½	7
Approx. Wt. Dozen, Lbs.	3	3½	3¾	4
Per Dozen	$5.00	5.60	6.90	8.25

One-half Dozen in a Box.

Sticking Knives.

WILSON'S

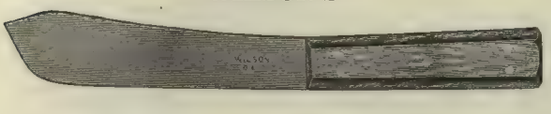
Double Shear Steel Blade, Beechwood Handle.

Nos.	29	30	43
Length of Blade, Inches	6	6½	7
Approx. Weight Dozen, Lbs.	3	3¼	4
Per Dozen	$5.60	6.90	8.25

One-half Dozen in a Box.

Ribbing Knives.

WILSON'S

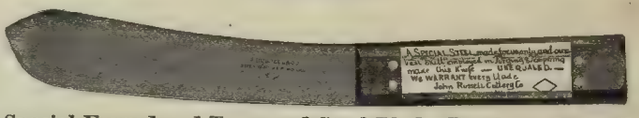


Double Shear Steel Blade, Beechwood Handle.

No.	4794
Length Blade, Inches	9
Approximate Weight Per Dozen, Lbs.	3¾
Per Dozen	$13.35

One-half Dozen in a Box.

RUSSELL'S



Special Forged and Tempered Steel Blade, Beechwood Handle.

Nos.	0128	0129
Length Blade, Inches	8	9
Approx. Weight Dozen, Lbs.	3	3½
Per Dozen	$12.25	15.60

One-half Dozen in a Box.

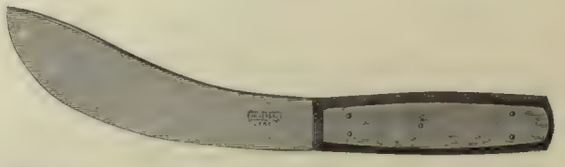
Butcher Knives.

No. 202—Forged Polished Jessop Double Shear Steel Blade, Forged and Tempered, Beechwood Handle.

Length Blade, Inches	6	6½	7	8
Approx. Wt. Dozen, Lbs.	3½	4	4½	5
Per Dozen	$4.50	5.35	6.35	8.35
Length Blade, Inches	9	10	12	14
Approx. Wt. Dozen, Lbs.	6	7	8	10
Per Dozen	$10.60	13.35	17.80	24.50

One-half Dozen in a Box.

Skinning Knives.



No. 202—Forged Polished Jessop Double Shear Steel Blade, Forged and Tempered, Beechwood Handle.

Length Blades, Inches	5½	6	6½
Approx. Wt. Dozen, Lbs.	3	3½	4
Per Dozen	$4.25	4.50	5.40

One-half Dozen in a Box.

Sticking Knives.

No. 202—Forged Polished Jessop Double Shear Steel Blade, Forged and Tempered, Beechwood Handle.

Length Blade, Inches	6	6½	7
Approx. Wt. Dozen, Lbs.	3½	4	4½
Per Dozen	$4.50	5.35	6.35

One-half Dozen in a Box.

Boning Knives.

No. 202—Forged Polished Jessop Double Shear Steel Blade, Forged and Tempered, Beechwood Handle.

Length Blade, Inches	6
Approximate Weight Dozen, Lbs.	3½
Per Dozen	$4.50

One-half Dozen in a Box.

Butcher Knives.

Polished Steel Blade, Cocobolo Handle.

No.	20
Length Blade, Inches	6
Approximate Weight Dozen, Lbs	3½
Per Dozen	$1.90

One Dozen in a Box.

Polished Steel Blade, Cocobolo Handle, Metal Bolster.

No.	21
Length of Blade, Inches	6
Approximate Weight Dozen, Lbs	4
Per Dozen	$2.50

One Dozen in a Box.

No. 200—Forged Polished Crucible Steel Blade, Beechwood Handle.

Length Blade, Inches	6	6½	7	8	9	10
Ap. Wt. Dozen, Lbs	4	3¾	4½	5	5¼	7
Per Dozen	$3.70	4.50	5.00	6.35	8.00	10.00

One-half Dozen in a Box.

No. 2123—Forged Polished Crucible Steel Blades, Solid Cocobolo Handle, Metal Bolster.

Length Blade, Inches	6	6½	7	8
Approx. Wt. Dozen, Lbs	4¼	4¾	6½	6½
Per Dozen	$5.60	6.70	7.80	10.00

One-half Dozen in a Box.

No. 2180—Forged Polished Crucible Steel Blade, Cocobolo Handle, Metal Bolster.

Length of Blade, Inches	6	6½	7	8
Approx. Wt. Dozen, Lbs	5	5	5¼	6
Per Dozen	$6.15	7.80	8.90	11.15

One-half Dozen in a Box.

No. 2280—Forged Polished Crucible Steel Blade, Cocobolo Handle, Metal Bolster and Cap.

Length of Blade, Inches	6	6½	7	8
Approx. Wt. Dozen, Lbs	5¾	6	6¾	6¾
Per Dozen	$7.80	9.50	10.00	12.80

One-half Dozen in a Box.

Butcher Knives.

No. 3908—Forged Crucible Steel Blade, Wide Swage, Extra Fine Finish, Solid Ebony Handle, Metal In-to-Stay Bolster.

Length of Blade, Inches	6	7	8
Approx. Weight Dozen, Lbs.	4½	4¾	5½
Per Dozen	$7.25	8.90	11.70

One-half Dozen in a Box.

Splitting Knives.

No. 200—Forged Polished Crucible Steel Blade, Beechwood Handle, Extra Heavy.

Length of Blade, Inches	12
Approximate Weight Per Dozen, Lbs	23
Per Dozen	$24.00

One-half Dozen in a Box.

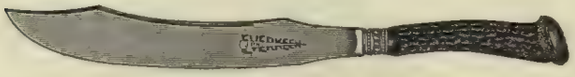
Carving Knives, Forks and Steels.

Forged and Tempered Steel Blade, Genuine Stag Handle, Extra Heavy Sterling Silver Ferrule and Cap, Beaded Pattern.

Per Set

No. 460—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2½ Lbs. **$11.15**

One Set in a Lined Block Box.



Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule.

Per Set

No. 445—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$10.35**

One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 423—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$6.70**

One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule and Cap.

Per Set

No. 470—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2½ Lbs. **$10.00**

One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 420—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$5.60**

One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule and Cap.

Per Set

No. 431—Three Piece Set, One 9½ in. Blade Knife, One Fork and One Steel, Weight Per Set About 2½ Lbs. **$9.65**

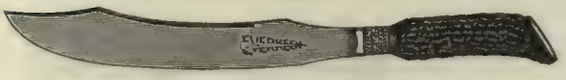
One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 421—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$5.60**

One Set in a Lined Block Box.

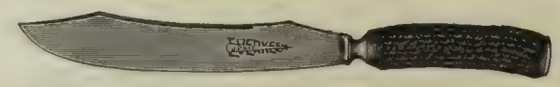


Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 424—Three Piece Set, One 9½ in. Blade Knife, One Fork and One Steel, Weight Per Set About 2½ Lbs. **$8.00**

One Set in a Lined Block Box.



Forged and Tempered Steel Blade, Genuine Stag Handle, Hollow Bolster, Nickel Silver Cap.

Per Set

No. 410—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2 Lbs. **$5.00**

One Set in a Pasteboard Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 422—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$6.70**

One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Genuine Stag Handle, Flush Bolster, Nickel Silver Cap.

Per Set

No. 402—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2 Lbs. **$4.90**

One Set in a Pasteboard Box.

Carving Knives, Forks and Steels.

EVERKEEN J.P.H.CO. TRADE MARK

Forged and Tempered Steel Blade, 3¾ in. Pearl Handle, Sterling Silver Ferrule.

Per Set

No. 622—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$17.80**

One Set in a Lined Block Box.

Forged and Tempered Steel Blade, Celluloid Ivory Handle, Sterling Silver Ferrule.

Per Set

No. 530—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$7.60**

One Set in a Lined Block Box.

Carving Knives and Forks.

EVERKEEN J.P.H.CO. TRADE MARK

Forged and Tempered Steel Blade, Genuine Stag Handle, Flush Bolster, Nickel Silver Cap.

Per Pair

No. 401—One 8 in. Blade Knife and One Fork, Weight Per Pair About 1¼ Lbs. **$3.15**

One Pair in a Box.

Carving Knives, Forks and Steels.

HERMAN BOKER & CO.'S
TREE BRAND

Full Crocus Polished Steel Blade, with Gilt Etching, Genuine Stag Handle, Fancy German Silver Ferrule and Cap.

Per Set

No. 291—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2½ Lbs. **$11.15**

One Set in a Lined Block Box.

Full Crocus Polished Steel Blade, Genuine Stag Handle, German Silver Bolster and Cap.

Per Set

No. 308—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2½ Lbs. **$10.60**

One Set in a Lined Block Box.

Full Crocus Polished Steel Blade, Genuine Stag Handle, Fancy German Silver Bolster and Cap.

Per Set

No. 293—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$7.25**

One Set in a Lined Block Box.

Full Crocus Polished Steel Blade, Genuine Stag Handle, German Silver Ferrule and Cap.

Per Set

No. 359—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$7.80**

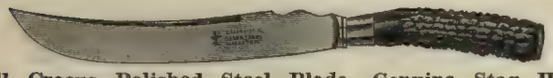
One Set in a Lined Block Box.

Full Crocus Polished Steel Blade, Genuine Stag Handle, Fancy German Silver Ferrule and Cap.

Per Set

No. 355—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2 Lbs. **$5.35**

One Set in a Lined Block Box.



Full Crocus Polished Steel Blade, Genuine Stag Handle, German Silver Ferrule and Cap.

Per Set

No. 329—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$7.60**

One Set in a Lined Block Box.

Full Crocus Polished Steel Blade, Natural Polish Horn Handle, German Silver Bolster.

Per Set

No. 174—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2 Lbs. **$12.25**

One Set in a Lined Block Box.

Carving Knives, Forks and Steels.

Polished Steel Blade, Stag Handle, Sterling Silver Ferrule and Cap.

Per Set

No. 02243—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 3 Lbs. **$12.25**

One Set in a Dome Top Lined Box.

Polished Steel Blade, Natural Stag Handle, Sterling Silver Ferrule.

Per Set

No. 0311—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$10.00**

One Set in a Dome Top Lined Box.

Crocus Finish Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule and Cap.

Per Set

No. 04636C—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$7.25**

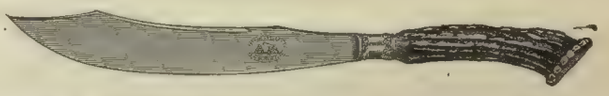
One Set in a Dome Top Lined Box.

Polished Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule and Cap.

Per Set

No. 0410—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$10.00**

One Set in a Dome Top Lined Box.



Polished Steel Blade, Natural Stag Handle, Silver Plated Ferrule and Cap.

Per Set

No. 1053D—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 3 Lbs. **$7.25**

One Set in a Dome Top Lined Box.

Crocus Finish Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule, German Silver Cap.

Per Set

No. 01149C—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$8.00**

One Set in Universal Dome Top Lined Box.

Polished Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule, German Silver Cap.

Per Set

No. 01161—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$6.70**

One Set in a Dome Top Lined Box.

Polished Steel Blade, Natural Stag Handle, Silver Plated Ferrule and Cap.

Per Set

No. 1055D—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 3 Lbs. **$8.90**

One Set in a Dome Top Lined Box.

Polished Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 03411—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 3 Lbs. **$6.35**

One Set in a Lined Block Box.

Crocus Finish Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule and Cap.

Per Set

No. 0494C—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$7.25**

One Set in a Dome Top Lined Box.

Polished Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Set

No. 064—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¾ Lbs. **$5.60**

One Set in a Dome Top Lined Box.

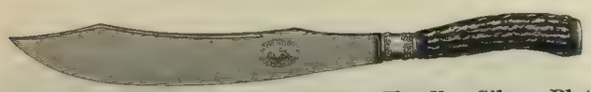
Carving Knives, Forks and Steels.

Polished Steel Blade, Perfected Stag Handle, Forged Bolster.

Per Set

No. 046—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 1½ Lbs. **$5.35**

One Set in a Lined Box.



Polished Steel Blade, Perfected Stag Handle, Silver Plated Ferrule and Cap.

Per Set

No. 053D—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 1¼ Lbs. **$4.80**

One Set in a Dome Top Lined Box.

Polished Steel Blade, Perfected Stag Handle, Silver Plated Ferrule and Cap.

Per Set

No. 074S—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 1¼ Lbs. **$4.50**

One Set in a Dome Top Lined Box.

Polished Steel Blade, Perfected Stag Handle, Silver Plated Ferrule and Cap.

Per Set

No. 051—Three Piece Set, One 9 in. Blade Knife, One Fork and One Steel, Weight Per Set About 1¼ Lbs. **$3.90**

One Set in a Pasteboard Box.

Polished Steel Blade, Perfected Stag Handle, Silver Plated Ferrule and Cap.

Per Set

No. 0162—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 1¼ Lbs. **$4.00**

One Set in a Lined Box.

Crocus Finish Steel Blade, 5¼ in. Ivoroy Handle, Forged Bolster.

Per Set

No. V655C—Three Piece Set, One 10 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$10.60**

One Set in a Dome Top Lined Box.

Crocus Finish Steel Blade, Buffalo Ivoroy Handle, Forged Bolster.

Per Set

No. V9143C—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$8.90**

One Set in a Dome Top Lined Box.

Crocus Finish Steel Blade, Buffalo Ivoroy Handle, Forged Bolster.

Per Set

No. V951C—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$7.80**

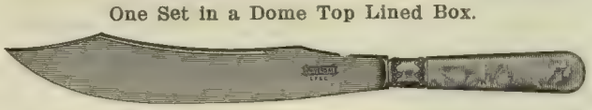
One Set in a Dome Top Lined Box.

Polished Steel Blade, 4⅞ in. Ivoroy Handle, Sterling Silver Ferrule.

Per Set

No. 6843—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, Weight Per Set About 2¼ Lbs. **$8.35**

One Set in a Dome Top Lined Box.



Polished Steel Blade, 3½ in. Pearl Handle, Sterling Silver Ferrule.

Per Set

No. 747—Three Piece Set, One 8 in. Blade Knife, One Fork and One Steel, in Dome Top Lined Box, Weight Per Set About 2¼ Lbs. **$15.60**

No. 747—Three Piece Set, in Lined Leather Box, Weight Per Set About 3 Lbs. **22.50**

One Set in a Box.

Carving Knives and Forks.

Polished Steel Blade, Perfected Stag Handle, Forged Bolster, Silver Plated Cap.

Per Pair

No. 025—Two Piece, One 9 in. Blade Knife and One Fork, Weight Per Pair About 1¼ Lbs. **$3.60**

One Pair in a Cardboard Box.

Polished Steel Blade, Perfected Stag Handle, Forged Bolster, Silver Plated Cap.

Per Pair

No. 044—Two Piece, One 9 in. Blade Knife and One Fork, Weight Per Pair About 1¼ Lbs. **$2.50**

One Pair in a Cardboard Box.

Breakfast Carvers.

Polished Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule, Silver Plated Cap.

Per Pair

No. 024F—Two Piece, One 7 in. Blade Knife and One Fork, Weight Per Pair About 1½ Lbs. **$3.60**

One Pair in a Cardboard Box.

Bird Carvers.

, Forged and Tempered Steel Blade, Genuine Stag Handle, Forged Bolster.

Per Pair

No. 450—Two Piece, One 6 in. Blade Knife and One Fork, We ight Per Pair About ¾ Lb.....**$1.70**

One Pair in a Box.

H. BOKER & CO.
TREE BRAND

Fine Blue Glazed Finish Blade, Solid White Grained Metal Handle, Frosted Finish.

Per Pair

No. 246B—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Pair About ¾ Lb.....**$1.60**

One Pair in a Box.

Full Crocus Polished Blade, Fluted Back, Natural Polish Horn Handle, German Silver Bolster.

Per Pair

No. 285B—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Pair About ¾ Lb.....**$3.70**

One Pair in a Box.

Full Crocus Polished Blade, Stag Handle, Nickel Silver Ferrule and Cap.

Per Pair

No. 326B—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Pair About ¾ Lb.....**$3.15**

One Pair in a Box.

Full Crocus Polished Blade, White Grained Celluloid Handle, German Silver Bolster and Cap.

Per Pair

No. 287B—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Pair About ¾ Lb.....**$3.90**

One Pair in a Box.

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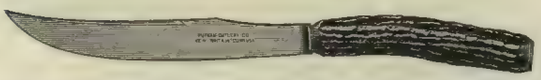


Polished Steel Blade, Natural Stag Handle, Forged Bolster, Nickel Silver Cap.

Per Pair

No. B1046X—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Pair About 1½ Lbs. **$1.90**

One Pair in a Box.

Crocus Finish Steel Blade, Perfected Stag Handle, Silver Plated Nickel Silver Ferrule, Nickel Silver Cap.

Per Pair

No. B1052C—Two Piece, One 5½ in. Blade Knife and One Fork, Weight Per Pair About 1½ Lbs. **$3.25**

One Pair in a Dome Top Lined Box.

UNIVERSAL

Crocus Finish Steel Blade, Perfected Stag Handle, Sterling Silver Ferrule, Nickel Silver Cap.

Per Pair

No. B04636C—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Set About 1½ Lbs. **$3.70**

One Pair in a Dome Top Lined Box.

Crocus Finish Steel Blade, Buffalo Ivoroy Handle, Forged Bolster.

Per Pair

No. BV9143C—Two Piece, One 5 in. Blade Knife and One Fork, Weight Per Set About 1¼ Lbs. **$4.50**

One Pair in a Dome Top Lined Box.

Crocus Finish Steel Blade, 5⅝ in. Ivoroy Handle, Forged Bolster.

Per Pair

No. BV655C—Two Piece, One 5¼ in. Blade Knife and One Fork, Weight Per Set About 1¼ Lbs. **$5.00**

One Pair in a Dome Top Lined Box.

Crocus Finish Steel Blade, Buffalo Ivoroy Handle, Forged Bolster.

Per Pair

No. BV951C—Two Piece, One 5 in. Blade Knife and One Fork, Weight Per Pair About 1¼ Lbs. **$3.90**

One Pair in a Dome Top Lined Box.

Polished Steel Blade, 3 in. Pearl Handle, Sterling Silver Ferrule.

Per Pair

No. 742—Two Piece, One 5½ in. Blade Knife and One Fork, Weight Per Pair About 1¼ Lbs.....**$10.00**

One Pair in a Dome Top Lined Box.

Game or Bird Shears.

Hand Forged from English Crucible Steel, with Serrated Edge on Lower Blade, Full Nickel Plated, Natural Tip, English Stag Handle, Volute Spring.

Per Pair

No. 6715—11 in. Long, Weight Per Pair About 1 Lb. . **$6.15**

One Pair in a Box.

Hand Forged from English Crucible Steel, with Serrated Edge on Lower Blade, Full Nickel Plated, Steel Handles, with Pearl Scales, Volute Spring.

Per Pair

No. 6714—9½ in. Long, Weight Per Pair About 1 Lb. . **$3.90**

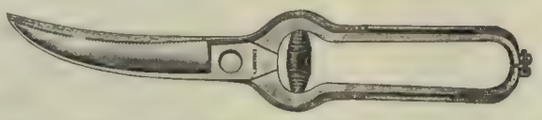
One Pair in a Box.

Forged Crucible Steel, with Serrated Edge on Lower Blade, Nickel Plated Blades, Oxidized Silver Handles, Self-Opening Clasp, Volute Spring, Can be Quickly Taken Apart for Cleaning.

Per Pair

No. 10287—10 in. Long, Weight Per Pair About 1 Lb. . **$4.50**

One Pair in a Box.



Hand Forged from English Crucible Steel, with Serrated Edge on Lower Blade, Full Nickel Plated, Solid Steel Handle, Volute Spring.

Per Pair

No. 1937—9½ in. Long, Weight Per Pair About 1 Lb. . **$2.25**

One Pair in a Box.

Table Steels.

LEE'S, Forged Crucible Steel Beechwood Handle, Metal Bolster, with Ring.

Per Dozen

No. 101—7½ in., Weight Per Dozen About 5 Lbs. **$5.00**

One Dozen in a Box.

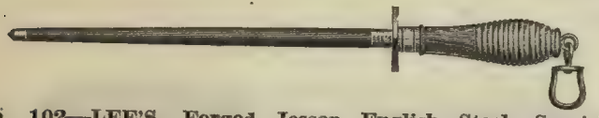
LEE'S, Forged Crucible Steel, Stag Handle, Cast Metal Bolster, Nickel Silver Cap.

Per Dozen

No. 070—8 in., Weight Per Dozen About 5½ Lbs. **$8.90**

One-half Dozen in a Box.

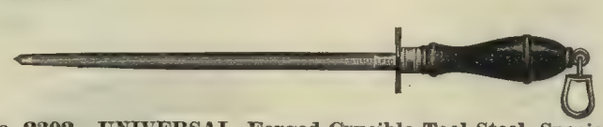
Butcher Steels.



No. 102—LEE'S, Forged Jessop English Steel, Specially Hardened and Tempered, Beech Handle, Diamond Metal Guard, Swivel Loop.

Length, Inches	10	12	14
Approx. Wt. Dozen, Lbs.	12	13	14½
Per Dozen	$11.15	15.00	18.90

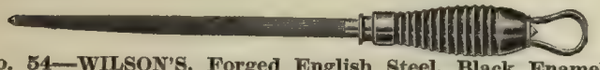
One-half Dozen in a Box.



No. 2302—UNIVERSAL, Forged Crucible Tool Steel, Specially Hardened and Tempered, Ebonized Handle, Diamond Metal Guard, Swivel Loop.

Length, Inches	10	12	14
Approx. Wt. Dozen, Lbs.	11	12	14
Per Dozen	$8.90	12.25	14.50

One-half Dozen in a Box.



No. 54—WILSON'S, Forged English Steel, Black Enameled Handle, with Ring.

Length, Inches	10	12
Approx. Weight Dozen, Lbs.	9¾	11
Per Dozen	$12.80	16.15

One-half Dozen in a Box.

No. 82—WILSON'S, Forged English Steel, Inlaid Rosewood Handle, with Swivel.

Length, Inches	12	14
Approx, Weight Dozen, Lbs.	13	16
Per Dozen	$22.15	27.10

One-half Dozen in a Box.

Carborundum Knife Sharpeners.

A Shaft of Carborundum, Firmly Secured to Handle by a Steel Rod Extending its Entire Length.

No. 76.

ROUND, Wood Handle, Steel Guard.

Per Case

No. 76—12 in. Long Over All, One Dozen in a Display Case, Weight Per Case About 5 Lbs. **$4.00**

OCTAGON, Wood Handle, Steel Guard.

Per Case

No. 78—12 in. Long Over All, One-half Dozen in a Display Case, Weight Per Case About 3½ Lbs. . . **$4.00**

One Case in a Package.

No. 78.

Silver Plated Ware.

BUTTER SPREADERS

Triple Silver Plated Blade, 2 in. Pearl Handle, Sterling Silver Ferrule.

Per Set

No. 1731—2 5/8 in. Blade, Weight Per Set of Six About ½ Lb. **$8.90**

One Set of Six in a Satin Lined Box.

FRUIT KNIVES

Windsor Pattern, Triple Silver Plated Blade and Handle.

Per Set

No. 232—2 7/8 in. Blade, Weight Per Set of Six About ¾ Lb. **$2.25**

One Set (Six) in a Box.

FRUIT KNIVES

Plain Round End Handle, Triple Silver Plated Blade and Handle.

Per Set

No. 233—3 1/4 in. Blade, Weight Per Set of Six About ¾ Lb. **$2.25**

One Set (Six) in a Lined Box.

Shell Pattern Handle, Triple Silver Plated Blade and Handle.

Per Set

No. 234—3 1/8 in. Blade, Weight Per Set of Six About ¾ Lb. **$2.25**

One Set (Six) in a Lined Box.

No. 1735P.

Triple Silver Plated Blade, 2 in. Pearl Handle, Sterling Silver Ferrule.

Per Set

No. 1735L—3 1/4 in. Blade, in Satin Lined Leather Case, Weight Per Set About 1 1/4 Lbs. **$11.15**

No. 1735P—3 1/4 in. Blade, in Satin Lined Paper Box, Weight Per Set About ¾ Lb. **8.90**

One Set (Six) in a Box.

Pearl Handle Knives and Forks.

Quadruple Silver Plated, Straight Swaged Steel Blade, Nickel Silver Medium Fork, Pearl Handle, Sterling Silver Ferrule.

Per Set

No. 1736—5 1/4 in. Blade, **Medium Knife**, 2 1/2 in. Pearl Handle, 4 Tine **Medium Fork**, 2 3/8 in. Pearl Handle, Weight Per Set About 2 1/2 Lbs. ... **$25.60**

One Set in Dome Top Lined Box.

Quadruple Silver Plated, Straight Swaged Blade, Pearl Handle, Sterling Silver Ferrule.

Per Dozen

No. 1736K—Medium Knife Only, 5 1/4 in. Blade, 2 1/2 in. Pearl Handle, Weight Per Dozen About 2 1/2 Lbs. **$26.65**

One Dozen in Dome Top Lined Box.

Quadruple Silver Plated, Nickel Silver Fork, Pearl Handle, Sterling Silver Ferrule. Per Dozen

No. 1736F—Medium Fork Only, 4 Tine, 2 3/8 in. Pearl Handle, Weight Per Dozen About 2 Lbs. . **$24.50**

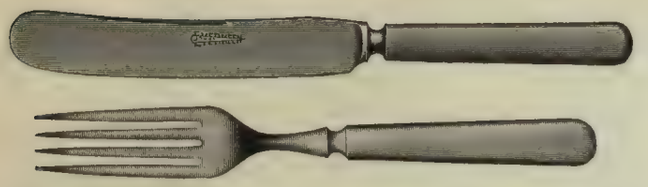
One Dozen in Dome Top Lined Box.

Each

Extra—For Leather Cases to Hold Six Knives and Six Forks **$4.50**

Silver Plated Knives and Forks.

EVERGREEN J.P.H.CO. TRADE MARK



Triple Silver Plated Solid Steel Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 121—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2¾ Lbs. **$5.60**

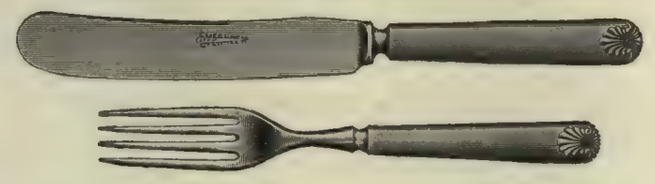
One Set (Six Knives and Six Forks) in a Box.

Per Dozen

No. 121K—Medium Knives Only, Weight Per Dozen About 3¼ Lbs. **$5.60**

No. 121F—Medium Forks Only, Weight Per Dozen About 2½ Lbs. **5.60**

One-half Dozen in a Box.



Triple Silver Plated Solid Steel Knives, Nickel Silver Forks, Shell Pattern, Round End Handle.

Per Set

No. 125—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2½ Lbs. **$5.60**

One Set (Six Knives and Six Forks) in a Box.

Triple Silver Plated Solid Steel Knives, Nickel Silver Forks, SATIN FINISH Plain Round End Handle.

Per Set

No. 128—Medium Knife, 5⅛ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set 2¾ Lbs. **$5.60**

One Set (Six Knives and Six Forks) in a Box.

Triple Silver Plated Solid Steel Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 121D—Dessert Knife, 4½ in. Cimeter Swaged Blade, **Dessert Fork,** 4 Tine, Weight Per Set About 2¼ Lbs. **$5.40**

One Set (Six Knives and Six Forks) in a Box.

1847 ROGERS BROS.

Triple Silver Plated Solid Steel Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 154½—Medium Knife, 5⅛ in. Straight Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2¾ Lbs. **$7.50**

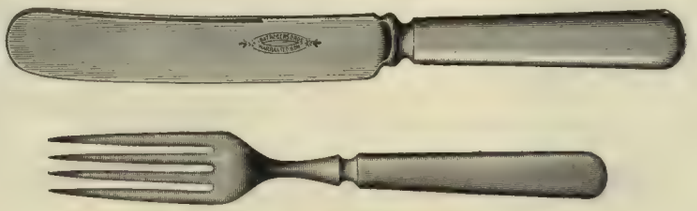
One Set (Six Knives and Six Forks) in a Box.

Per Dozen

No. 154½K—Medium Knives Only, Weight Per Dozen About 3¼ Lbs. **$7.50**

No. 154½F—Medium Forks Only, Weight Per Dozen About 2½ Lbs. **7.50**

One-half Dozen in a Box.



Triple Silver Plated Solid Steel Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 154½C—Medium Knives, 5⅛ in. Cimeter Swaged Blade, **Medium Forks,** 4 Tine, Weight Per Set About 2¾ Lbs. **$7.70**

One Set (Six Knives and Six Forks) in a Box.

Per Dozen

No. 154½CK—Medium Knives Only, Weight Per Dozen About 2½ Lbs. **$7.90**

One-half Dozen in a Box.

Silver Plated Knives and Forks.

COMMUNITY SILVER

Silver Plated, Steel Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 2752—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 3 Lbs. **$7.90**

One Set (Six Knives and Six Forks) in a Box.

WM. ROGERS & SON

Triple Silver Plated Steel Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 12 —Medium Knife, 5¼ in. Straight Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2½ Lbs. **$5.90**

No. 12C —Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2½ Lbs. **6.15**

No. 12CD—Dessert Knife, 4¾ in. Cimeter Swaged Blade, **Dessert Fork,** 4 Tine, Weight Per Set About 2 Lbs. **5.90**

One Set (Six Knives and Six Forks) in a Box.

AMERICAN CUTLERY CO.'S

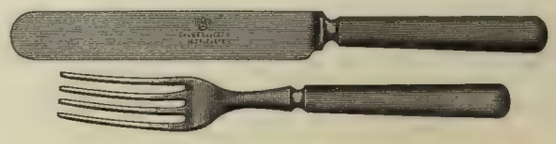
Triple Plated Steel Knives, Nickel Silver Forks, Seamless Steel Hollow Handles.

Per Set

No. 5911—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 3 Lbs. **$7.80**

One Set (Six Knives and Six Forks) in a Brocade Lined Box.

STERLING



Extra Plate Steel Knife, Steel Fork, Plain Round End Handle.

Per Set

No. 112—Medium Knife, 5⅛ in. Straight Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2¼ Lbs. **$2.80**

One Set (Six Knives and Six Forks) in a Box.

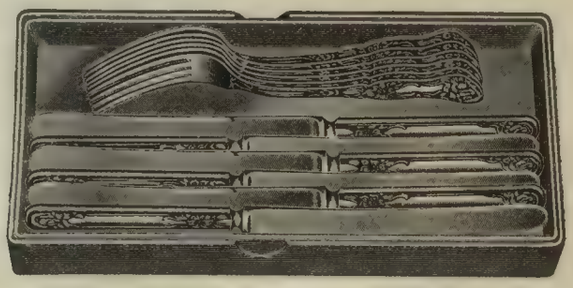
Nickel Silver Knives and Forks.

Nickel Silver Knives, Nickel Silver Forks, SHELL PATTERN Round End Handle.

Per Set

No. 25C—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2½ Lbs. **$4.50**

One Set (Six Knives and Six Forks) in a Box.



Nickel Silver Knives, SHEFFIELD PATTERN Round End Handle, Nickel Silver Forks, SHEFFIELD PATTERN. Flat Handle.

Per Set

No. 24—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2¼ Lbs. **$3.90**

One Set (Six Knives and Six Forks) in a Box.

Nickel Silver Knives and Forks.

Nickel Silver Knives, Plain Round End Handle, Nickel Silver Fork, Tipped Pattern Handle.

Per Set

No. 10C—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2⅛ Lbs. **$3.35**

One Set (Six Knives and Six Forks) in a Box.

Nickel Silver Knives, Nickel Silver Forks, Plain Round End Handle.

Per Set

No. 15C—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2½ Lbs. **$4.25**

One Set (Six Knives and Six Forks) in a Box.

Tinned Knives and Forks.

Tinned Steel Knives, Plain Round End Handle, Tinned Steel Forks, Tipped Spoon Handle.

Per Set

No. 3900—Medium Knife, 5¼ in. Straight Blade, **Medium Fork,** 4 Tine, Weight Per Set About 1¾ Lbs. **$1.00**

One Set (Six Knives and Six Forks) in a Box.

Silver Plated Ware.

1847 ROGERS BROS.

SPOONS

Tipped Pattern.

Nickel Silver Base, Triple Silver Plated.

Per Dozen

No. XST—Tea Spoons, 5⅞ in. Long, Weight Per Dozen About ¾ Lb. **$4.90**
No. XST—Dessert Spoons, 7⅛ in. Long, Weight Per Dozen About 1½ Lbs. **8.60**
No. XST—Table Spoons, 8¼ in. Long, Weight Per Dozen About 2¼ Lbs. **9.75**

One Dozen in a Box.

SUGAR SHELLS

Tipped Pattern.

Nickel Silver Base, Triple Silver Plated.

Per Dozen

No. XST—6 in. Long, Weight Per Dozen About 1 Lb. ... **$9.15**

One Dozen in a Box.

BUTTER KNIVES

Tipped Pattern.

Nickel Silver Base, Triple Silver Plated.

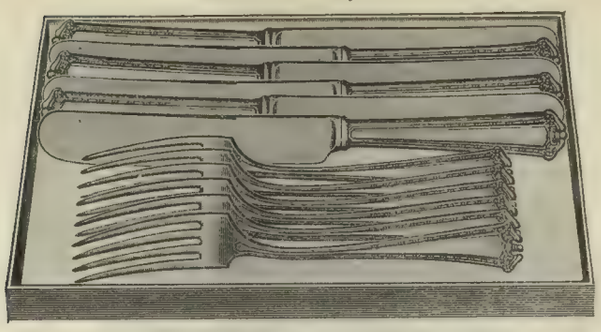
Per Dozen

No. XST—7⅛ in. Long, Weight Per Dozen About 1⅜ Lbs. **$11.45**

One Dozen in a Box.

Silver Plated Ware.

1847 ROGERS BROS.
KNIVES AND FORKS



Continental Pattern.
Triple Silver Plated, Steel Blade Knife, Nickel Silver Hollow Handle, Nickel Silver Flat Forks, Bright Grey Finish.

Per Set

No. 158½—Medium Knife, 5¼ in. Cimeter Swaged Blade, **Medium Fork,** 4 Tine, Weight Per Set About 2½ Lbs.....**$14.60**

One Set (6 Knives and 6 Forks) in a Lined Box.

Per Dozen

No. XST—Medium Forks Only, Weight Per Dozen About 2¼ Lbs.....**$10.85**

One Dozen in a Box.

TEA SPOONS

Continental Pattern.

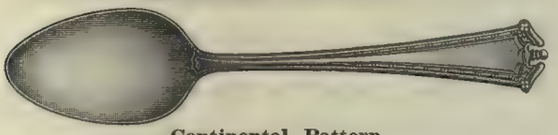
Nickel Silver Base, Triple Silver Plated, Bright Grey Finish.

Per Dozen

No. XST—Tea Spoons, 5⅞ in. Long, Weight Per Dozen About 1 Lb.....**$5.45**

One Dozen in a Box.

DESSERT SPOONS



Continental Pattern.

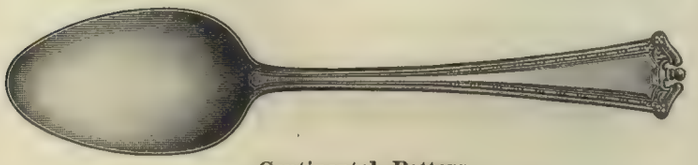
Nickel Silver Base, Triple Silver Plated, Bright Grey Finish.

Per Dozen

No. XST—Dessert Spoons, 7¼ in. Long, Weight Per Dozen About 1¾ Lbs.....**$9.75**

One Dozen in a Box.

TABLE SPOONS



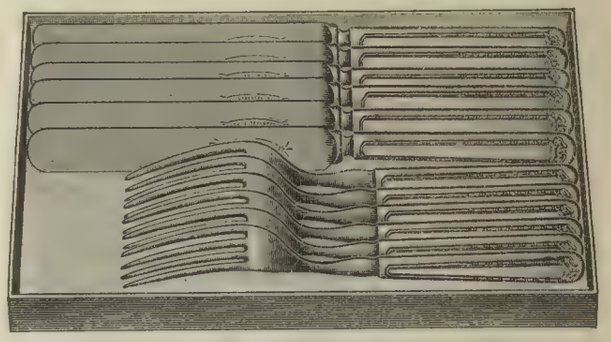
Continental Pattern.

Nickel Silver Base, Triple Silver Plated, Bright Grey Finish.

Per Dozen

No. XST—Table Spoons, 8⅜ in. Long, Weight Per Dozen About 2¼ Lbs.....**$10.90**

One Dozen in a Box.



Continental Pattern.
Triple Silver Plated, Steel Blade Knife, Nickel Silver Flat Handle, Nickel Silver Jumbo Handle Forks, Bright Grey Finish.

Per Set

No. 0154½—Medium Knife, ⅝ in. Straight Blade, **Medium Forks,** 4 Tine, Weight Per Set About 2¾ Lbs.....**$8.00**

One Set (6 Knives and 6 Forks) in a Lined Box.

BOUILLON SPOONS

Continental Pattern.
Nickel Silver Base, Triple Silver Plated, Bright Grey Finish.

Per Dozen

No. XST—Bouillon Spoons, 5¼ in. Long, Weight Per Set About ¾ Lb.....**$10.30**

One Set of Six in Lined Box.

ORANGE OR GRAPE FRUIT SPOONS

Continental Pattern.
Nickel Silver Base, Triple Silver Plated, Bright Grey Finish.

Per Dozen

No. XST—Orange or Grape Fruit Spoons, 5¾ in. Long, Weight Per Set About ¾ Lb.....**$6.90**

One Set of Six in Lined Box.

Silver Plated Ware.

1847 ROGERS BROS.

SUGAR SHELLS

Continental Pattern.

Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Sugar Shell, Plain Bowl, 6 in. Long, Weight Per Dozen About 1 Lb. **$10.30**

No. XST—Sugar Shell, Gilt Bowl, 6 in. Long, Weight Per Dozen About 1 Lb. **14.90**

One Dozen in a Box.

BUTTER KNIVES

Continental Pattern.

Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Butter Knife, 7⅛ in. Long, Weight Per Dozen About 1½ Lbs. **$12.00**

One Dozen in a Box.

COMBINATION BUTTER KNIFE AND SUGAR SHELL SET

Continental Pattern.

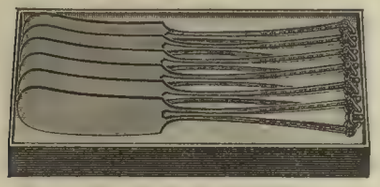
Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen Sets

No. XST—Combination Set, One 7⅛ in. Butter Knife and One 6 in. Sugar Shell, Weight Per Dozen Sets About ½ Lb. **$25.15**

One-twelfth Dozen Sets in a Lined Box.

INDIVIDUAL BUTTER KNIVES



Continental Pattern.

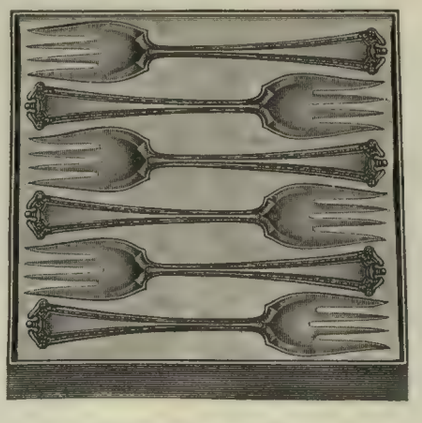
Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Individual Butter Knife, 6 in. Long, Weight Per Set About ¾ Lb. **$9.80**

One Set of Six in a Lined Box.

INDIVIDUAL SALAD FORKS



Continental Pattern.

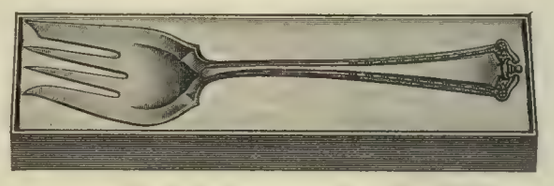
Nickel Silver Base, Triple Silver Plated, Bright Grey Finish.

Per Dozen

No. XST—Individual Salad Forks, 6 in. Long, Weight Per Set About ¾ Lb. **$10.90**

One Set of Six in a Lined Box.

COLD MEAT FORKS



Continental Pattern.

Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Cold Meat Fork, Plain Prongs, 8¼ in. Long, Weight Per Dozen About 4½ Lbs. . . **$17.15**

One-twelfth Dozen in a Lined Box.

PICKLE FORKS

Continental Pattern.

Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Pickle Fork, 8 in. Long, Weight Per Dozen About 4½ Lbs. **$15.45**

One-twelfth Dozen in a Lined Box.

Silver Plated Ware.

1847 ROGERS BROS.

CREAM, GRAVY AND SOUP LADLES

Continental Pattern.
Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Cream Ladle, Plain Bowl, 5½ in. Long, Weight Per Dozen About 5½ Lbs. **$15.45**

No. XST—Gravy Ladle, Plain Bowl, 7⅛ in. Long, Weight Per Dozen About 6 Lbs. **20.60**

No. XST—Gravy Ladle, Gilt Bowl, 7⅛ in. Long, Weight Per Dozen About 6 Lbs. **30.90**

No. XST—Soup Ladle, Plain Bowl, 11 in. Long, Weight Per Dozen About 9 Lbs. **54.90**

One-twelfth Dozen in a Lined Box.

BERRY SPOONS

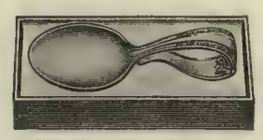
Continental Pattern.
Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Berry Spoon, Plain Bowl, 9 in. Long, Weight Per Dozen About 6 Lbs. **$27.45**

One-twelfth Dozen in a Lined Box.

BABY SPOONS



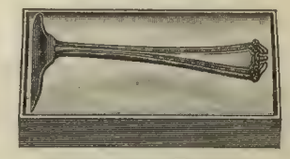
Continental Pattern.
Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Baby Spoon, 3½ in. Long, Weight Per Dozen About 3 Lbs. **$8.60**

One-twelfth Dozen in a Lined Box.

FOOD PUSHERS



Continental Pattern.
Nickel Silver Base, Triple Silver Plate, Bright Grey Finish.

Per Dozen

No. XST—Food Pusher, 4⅛ in. Long, Weight Per Dozen About 2 Lbs. **$8.60**

One-twelfth Dozen in a Lined Box.

SILVER WARE CHESTS

Continental Pattern.

Per Chest

No. 3058—Wood Chest, with Drawer, Containing 26 Pieces Continental Pattern Silver Plated Ware, Weight Per Chest About 10 Lbs. . . . **$23.15**

Contents of Chest, 26 Pieces.

½ Dozen Medium Solid Handle Knives.
½ Dozen Medium Flat Handle Forks.
½ Dozen Table Spoons.
½ Dozen Tea Spoons.
1/12 Dozen Butter Knives.
1/12 Dozen Sugar Shells.

Continental Pattern.

Per Chest

No. 540—Genuine Mahogany Chest, Containing 26 Pieces Continental Pattern Silver Plated Ware, Weight Per Chest About 10 Lbs. . . **$31.10**

Contents of Chest, 26 Pieces.

½ Dozen Medium Solid Handle Knives.
½ Dozen Medium Flat Handle Forks.
½ Dozen Table Spoons.
½ Dozen Tea Spoons.
1/12 Dozen Butter Knives.
1/12 Dozen Sugar Shells.

Silver Plated Ware.

RELIANCE PLATE

MEDIUM KNIVES

Cimeter Steel Blade, Nickel Silver HOLLOW HANDLE, Bright Finish.

Per Dozen

Exeter Pattern—9 1/8 in. Long, Weight Per Dozen About 2 5/8 Lbs. **$17.35**

One-half Dozen in a Flannel Roll.

MEDIUM FORKS

Nickel Silver Base, Flat Handle, Bright Finish.

Per Dozen

Exeter Pattern—4 Tine, 7 1/2 in. Long Over All, Weight Per Dozen About 1 3/8 Lbs..... **$6.25**

One-half Dozen in a Box.

TEA SPOONS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—5 3/4 in. Long, Weight Per Dozen About 3/4 Lb..... **$3.15**

One Dozen in a Box.

Per Set

Exeter Pattern—5 3/4 in. Long, **in Lined Box**, Weight Per Dozen About 3/4 Lb..... **$1.75**

One Set of Six in a Box.

DESSERT SPOONS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—7 in. Long, Weight Per Dozen About 1 1/8 Lbs. **$5.60**

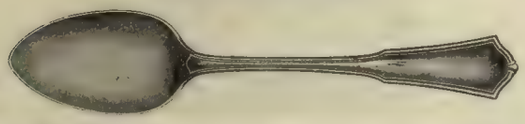
One Dozen in a Box.

Per Set

Exeter Pattern—7 in. Long, **in Lined Box**, Weight Per Dozen About 1 1/8 Lbs..... **$3.10**

One Set of Six in a Box.

TABLE SPOONS



Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—7 7/8 in. Long, Weight Per Dozen About 1 1/2 Lbs..... **$6.25**

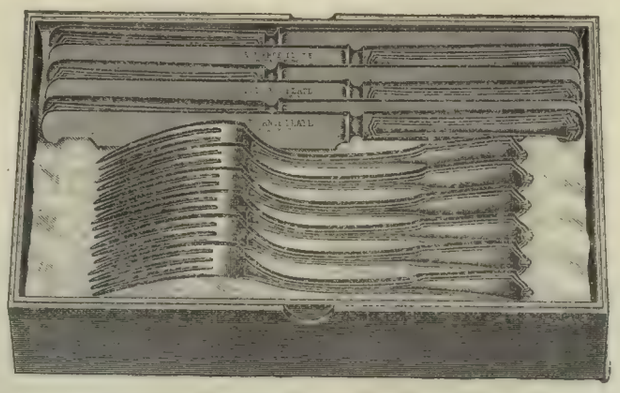
One Dozen in a Box.

Per Set

Exeter Pattern—7 7/8 in. Long, **in Lined Box**, Weight Per Dozen About 1 1/2 Lbs..... **$3.40**

One Set of Six in a Box.

MEDIUM KNIVES AND FORKS



Straight Steel Blade, SOLID HANDLE Knife, Nickel Silver Fork, Flat Handle, Embossed Bright Finish.

Per Set

Exeter Pattern—9 1/4 in. Long Knives, 4 Tine Fork, 7 1/2 in. Long Over All, Weight Per Set About 2 Lbs.. **$7.00**

One Set in a Lined Box.

ORANGE SPOONS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—5 1/2 in. Long, **in Lined Box**, Weight Per Dozen About 1 1/8 Lbs..... **$5.40**

Set of Six in a Box.

BOUILLON SPOONS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

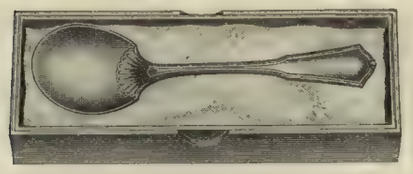
Exeter Pattern—5 1/2 in. Long, **in Lined Box**, Weight Per Dozen About 1 1/4 Lbs..... **$6.15**

One Set of Six in a Box.

Silver Plated Ware.

RELIANCE PLATE

SUGAR SHELLS



Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—Plain Bowl, 5¾ in. Long.....**$5.60**
Exeter Pattern—Gilt Bowl, 5¾ in. Long..... **8.90**

Weight Per Dozen About 1 Pound.
One-half Dozen in a Box.
In Lined Box.

Per Dozen

Exeter Pattern—Plain Bowl, 5¾ in. Long.....**$ 7.50**
Exeter Pattern—Gilt Bowl, 5¾ in. Long..... **10.80**

Weight Per Dozen About 2¼ Pounds.
One-twelfth Dozen in a Box.

BUTTER KNIVES

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—7½ in. Long, Weight Per Dozen About 1 Lb. **$6.15**

One-half Dozen in a Box.

Per Dozen

Exeter Pattern—7½ in. Long, **in Lined Box,** Weight Per Dozen About 2⅜ Lbs.....**$7.80**

One-twelfth Dozen in a Box.

COMBINATION BUTTER KNIFE AND SUGAR SHELL SET

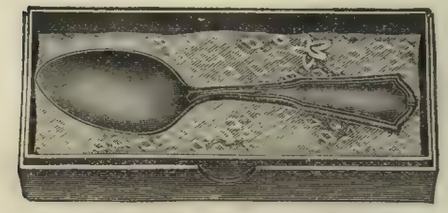
Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Set

Exeter Pattern—Combination Set, Consists of One 7½ in. Butter Knife and One 5¾ in. Sugar Shell, **in Lined Case,** Weight Per Set ½ Lb.....**$1.15**

One Set in a Box.

BABY SPOON



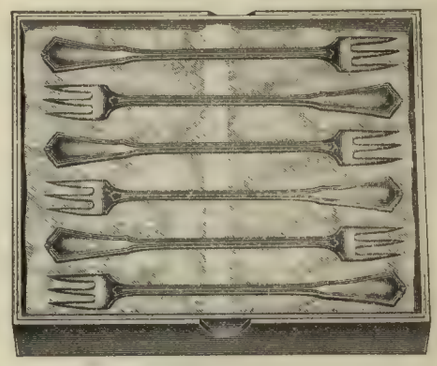
Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—4⅜ in. Long, **in Lined Box,** Weight Per Dozen About 1¼ Lbs.....**$6.70**

One-twelfth Dozen in a Box.

OYSTER FORKS



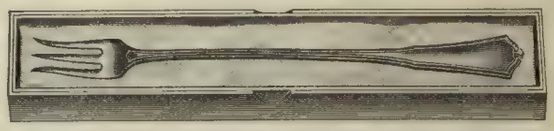
Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—6 in. Long, **in Lined Box,** Weight Per Dozen About ⅞ Lb.....**$5.60**

Set of Six in a Box.

PICKLE FORKS



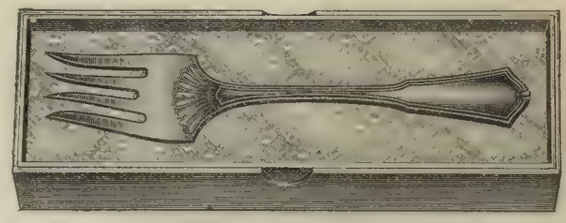
Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—8¼ in. Long, **in Lined Box,** Weight Per Dozen About 2⅛ Lbs.....**$11.90**

One-twelfth Dozen in a Box.

COLD MEAT FORKS



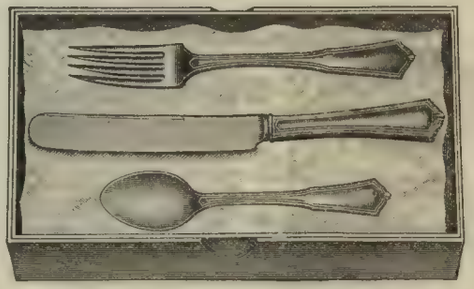
Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—Plain Tines, 8⅛ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4¼ Lbs. **$13.25**
Exeter Pattern—Gilt Tines, 8⅛ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4¼ Lbs.. **18.70**

One-twelfth Dozen in a Box.

CHILD'S SETS



Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen Sets

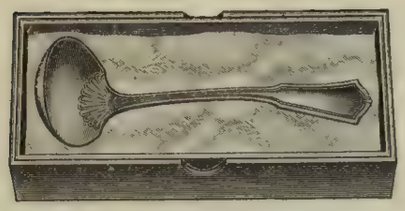
Exeter Pattern—Three Piece Set, One Each Knife, Fork and Spoon, **in Lined Box,** Weight Per Dozen Sets About 4½ Lbs.....**$22.50**

One-twelfth Dozen Sets in a Box.

Silver Plated Ware.

RELIANCE PLATE

CREAM LADLES



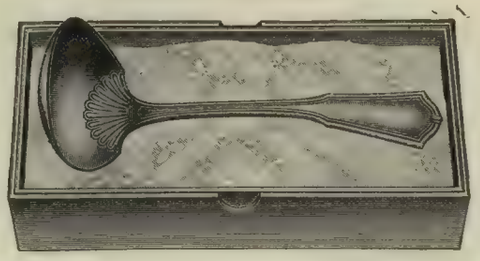
Nickel Silver, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—Plain Bowl, 5⅞ in. Long Over All, **in Lined Box,** Weight Per Dozen About 2¾ Lbs. **$11.90**

One-twelfth Dozen in a Box.

GRAVY LADLES



Nickel Silver, Heavy Silver Plated, Bright Finish.

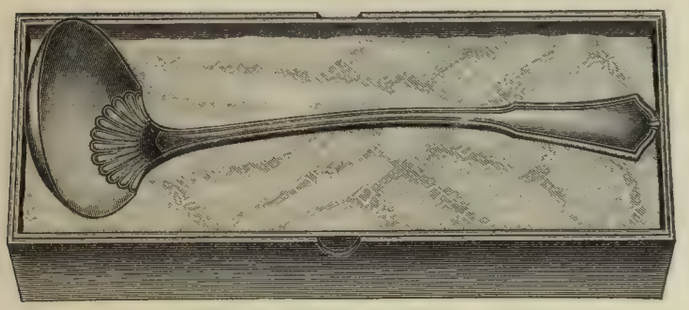
Per Dozen

Exeter Pattern—Plain Bowl, 6⅞ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4½ Lbs. **$15.90**

Exeter Pattern—Gilt Bowl, 6⅞ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4½ Lbs.. **24.25**

One-twelfth Dozen in a Box.

MEDIUM SOUP LADLES



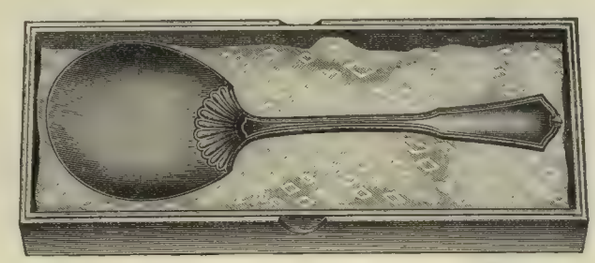
Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Exeter Pattern—Plain Bowl, 10½ in. Long Over All, **in Lined Box,** Weight Per Dozen About 8⅝ Lbs. **$42.25**

One-twelfth Dozen in a Box.

BERRY SPOONS



Nickel Silver Base, Heavy Silver Plated, Bright Finish.

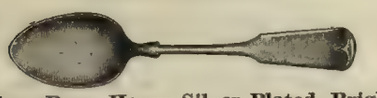
Per Dozen

Exeter Pattern—Plain Bowl, 8⅝ in. Long Over All, **in Lined Box,** Weight Per Dozen About 5¼ Lbs. **$21.15**

Exeter Pattern—Gilt Bowl, 8⅝ in. Long Over All, **in Lined Box,** Weight Per Dozen About 5¼ Lbs. **29.50**

One-twelfth Dozen in a Box.

TEA SPOONS



Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Tipped Pattern—5⅞ in. Long, Weight Per Dozen About ¾ Lb. **$3.15**

One Dozen in a Box.

Per Set

Tipped Pattern—5⅞ in. Long, **in Lined Box,** Weight Per Dozen About 1 Lb..... **$1.75**

Set of Six in a Box.

DESSERT SPOONS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Tipped Pattern—7⅛ in. Long, Weight Per Dozen About 1⅛ Lbs. **$5.60**

One Dozen in a Box.

Per Set

Tipped Pattern—7⅛ in. Long, **in Lined Box,** Weight Per Set About 1¼ Lbs..... **$3.10**

Set of Six in a Box.

TABLE SPOONS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Tipped Pattern—7⅞ in. Long, Weight Per Dozen About 1½ Lbs. **$6.25**

One Dozen in a Box.

Per Set

Tipped Pattern—7⅞ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs..... **$3 40**

One Set of Six in a Box.

SUGAR SHELLS

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Tipped Pattern—5¾ in. Long, Weight Per Dozen About ¾ Lb. **$5.60**

One Dozen in a Box.

BUTTER KNIVES

Nickel Silver Base, Heavy Silver Plated, Bright Finish.

Per Dozen

Tipped Pattern—7½ in. Long, Weight Per Dozen About 1 Lb. **$6.15**

One Dozen in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

MEDIUM KNIVES

Straight Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—9⅝ in. Long, Weight Per Dozen About 3 Lbs. **$19.70**

One-half Dozen in a Flannel Roll.

MEDIUM FORKS

Nickel Silver Base, Flat Handle, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—4 Tine, 7¾ in. Long Over All, Weight Per Dozen About 1¾ Lbs. **$12.25**

One-half Dozen in a Box.

FIVE O'CLOCK TEA SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—5¼ in. Long, Weight Per Dozen About ¾ Lb. **$6.15**

One-half Dozen in a Box.

Per Set

Patrician Pattern—5¼ in. Long, **in Lined Box,** Weight Per Dozen About 1¼ Lbs. **$3.25**

One Set of Six in a Box.

TEA SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—6 in. Long, Weight Per Dozen About 1 Lb. **$6.15**

One-half Dozen in a Box.

Per Set

Patrician Pattern—6 in. Long, **in Lined Box,** Weight Per Dozen About 1¼ Lbs. **$3.25**

One Set of Six in a Box.

DESSERT SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—7⅜ in. Long, Weight Per Dozen About 1½ Lbs. **$11.10**

One-half Dozen in a Box.

Per Set

Patrician Pattern—7⅜ in. Long, **in Lined Box,** Weight Per Dozen About 1¾ Lbs. **$5.45**

One Set of Six in a Box.

DESSERT KNIVES

Straight Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—8¾ in. Long, Weight Per Dozen About 2½ Lbs. **$19.00**

One-half Dozen in a Flannel Roll.

DESSERT FORKS

Nickel Silver Base, Flat Handle, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—4 Tine, 7¼ in. Long Over All, Weight Per Dozen About 1½ Lbs. **$11.10**

One-half Dozen in a Box.

TABLE SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—8¾ in. Long, Weight Per Dozen About 2⅛ Lbs. **$12.25**

One-half Dozen in a Box.

Per Set

Patrician Pattern—8¾ in. Long, **in Lined Box,** Weight Per Dozen About 2½ Lbs. **$6.45**

One Set of Six in a Box.

SOUP SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—7¼ in. Long, Weight Per Dozen About 1¾ Lbs. **$12.25**

One-half Dozen in a Box.

Per Set

Patrician Pattern—7¼ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs. **$6.15**

One Set of Six in a Box.

ORANGE OR GRAPE FRUIT SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—5½ in. Long, **in Lined Box,** Weight Per Dozen About 1⅜ Lbs. **$8.00**

One Set of Six in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

BOUILLON SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.
Per Dozen
Patrician Pattern—5 in. Long, **in Lined Box,** Weight Per Dozen About 1¾ Lbs..... **$10.50**

One Set of Six in a Box.

SUGAR SHELLS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.
Per Dozen
Patrician Pattern—Plain Bowl, 6 in. Long Over All, Weight Per Dozen About 1 Lb..... **$11.60**

Patrician Pattern—Gilt Bowl, 6 in. Long Over All, Weight Per Dozen About 1 Lb..... **16.00**
One-half Dozen in a Box.

Patrician Pattern—Plain Bowl, 6 in. Long Over All, **in Lined Box,** Weight Per Dozen About 2¼ Lbs. **13.65**

Patrician Pattern—Gilt Bowl, 6 in. Long Over All, **in Lined Box,** Weight Per Dozen About 2¼ Lbs. **18.15**

One-twelfth Dozen in a Box.

BUTTER KNIVES

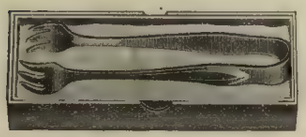
Nickel Silver Base, Very Heavily Silver Plated, Bright Finish, Bent Handle.
Per Dozen
Patrician Pattern—7½ in. Long, Weight Per Dozen About 1½ Lbs..... **$13.60**

One-half Dozen in a Box.

Patrician Pattern—7½ in. Long, **in Lined Box,** Weight Per Dozen About 2¼ Lbs..... **15.60**

One-twelfth Dozen in a Box.

SUGAR TONGS



Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.
Per Dozen
Patrician Pattern—4½ in. Long, **in Lined Box,** Weight Per Dozen About 3 Lbs..... **$19.70**

One-twelfth Dozen in a Box.

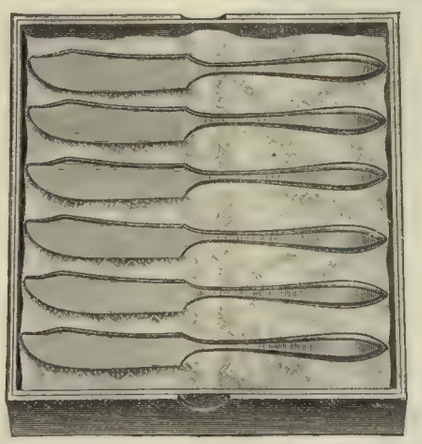
COMBINATION BUTTER KNIFE AND SUGAR SHELL SET

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.
Per Set
Patrician Pattern—Combination Set Consists of One 7½ in. Bent Handle Butter Knife and One 6 in. Plain Bowl Sugar Shell, **in Lined Box,** Weight Per Dozen Sets About 5 Lbs..... **$2.25**

Patrician Pattern—As Above, but with **Gilt Bowl** Sugar Shell **2.65**

One Set in a Box.

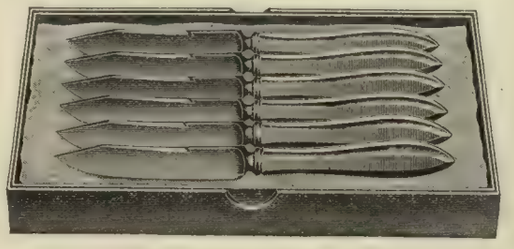
INDIVIDUAL BUTTER SPREADERS



Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.
Per Dozen
Patrician Pattern—6½ in. Long, **in Lined Box,** Weight Per Dozen About 1½ Lbs..... **$9.80**

One Set of Six in a Lined Box.

FRUIT KNIVES



Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, Bright Finish.
Per Dozen
Patrician Pattern—6½ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs..... **$17.80**

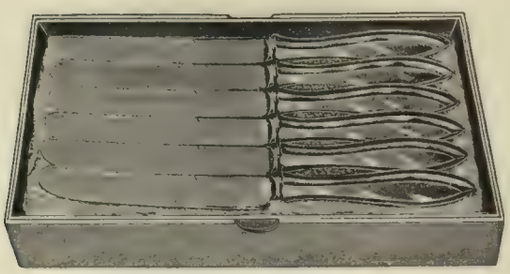
One Set of Six in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

ORANGE KNIVES



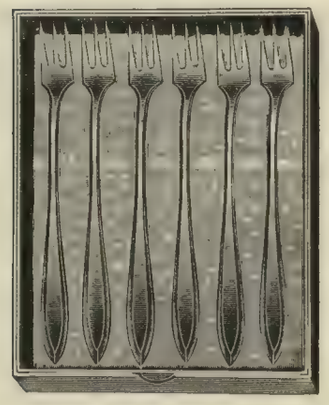
Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—7½ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs.....**$18.80**

One Set of Six in a Box.

OYSTER FORKS



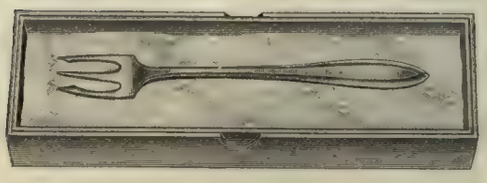
Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—6 in. Long, **in Lined Box,** Weight Per Dozen About 1¼ Lbs.....**$7.80**

One Set of Six in a Box.

PICKLE FORKS



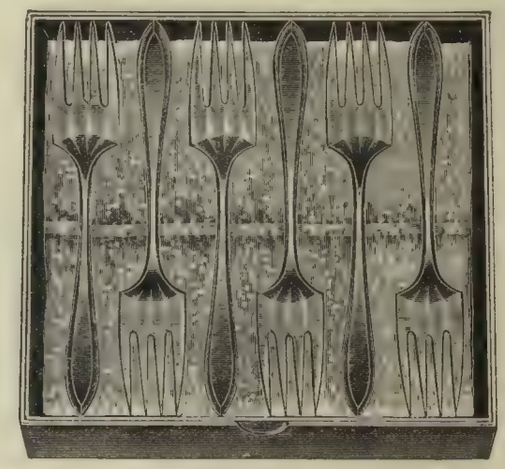
Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—6½ in. Long, **in Lined Box,** Weight Per Dozen About 3 Lbs.....**$14.50**

One-twelfth Dozen in a Box.

INDIVIDUAL SALAD FORKS



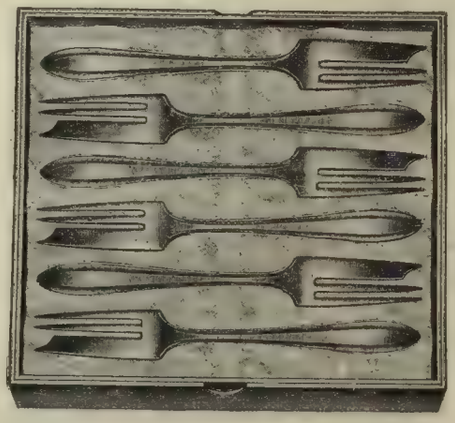
Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—6½ in. Long, **in Lined Box,** Weight Per Dozen About 1½ Lbs.....**$11.90**

One Set of Six in a Box.

PIE FORKS



Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—7¼ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs.....**$11.70**

One Set of Six in a Box.

COLD MEAT FORKS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—Plain Prongs, 8⅝ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4½ Lbs.**$17.80**

Patrician Pattern—Gilt Prongs, 8⅝ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4½ Lbs. **24.50**

One-twelfth Dozen in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

CHILD'S SETS

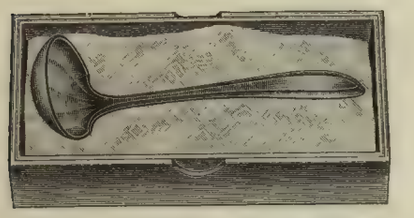
Steel Blade, Hollow Handle, Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen Sets

Patrician Pattern—Three Piece Set, One Each, Knife, Fork and Spoon, **in Lined Box,** Weight Per Dozen Sets 6 Lbs.....**$42.65**

One-twelfth Dozen Sets in a Box.

CREAM LADLES



Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—Plain Bowl, 5⅞ in. Long Over All, **in Lined Box,** Weight Per Dozen About 3 Lbs..**$18.35**

Patrician Pattern—Gilt Bowl, 5⅞ in. Long Over All, **in Lined Box,** Weight Per Dozen About 3 Lbs.. **25.00**

One-twelfth Dozen in a Box.

GRAVY AND SOUP LADLES

GRAVY LADLES.

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—Plain Bowl, 7 in. Long Over All, **in Lined Box,** Weight Per Dozen About 6 Lbs....**$24.50**

Patrician Pattern—Gilt Bowl, 7 in. Long Over All, **in Lined Box,** Weight Per Dozen About 6 Lbs..... **34.20**

One-twelfth Dozen in a Box.

MEDIUM SOUP LADLES.

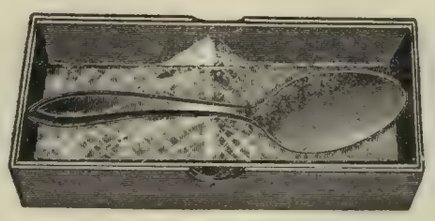
Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—Plain Bowl, 10½ in. Long Over All, **in Lined Box,** Weight Per Dozen About 12 Lbs..**$66.75**

One-twelfth Dozen in a Box.

BABY SPOONS



Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—4½ in. Long, **in Lined Box,** Weight Per Dozen About 1⅛ Lbs.....**$9.50**

One-twelfth Dozen in a Box.

BERRY SPOONS

Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—Plain Bowl, 9 3/16 in. Long Over All, **in Lined Box,** Weight Per Dozen About 9 Lbs..**$27.75**

Patrician Pattern—Gilt Bowl, 9 3/16 in. Long Over All, **in Lined Box,** Weight Per Dozen About 9 Lbs..... **37.55**

One-twelfth Dozen in a Box.

PIE OR ICE CREAM SERVERS

Steel Blade, Hollow Handle, Nickel Silver Base, Very Heavily Silver Plated, Bright Finish.

Per Dozen

Patrician Pattern—10½ in. Long, **in Lined Box,** Weight Per Dozen About 6 Lbs.....**$40.00**

One-twelfth Dozen in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

MEDIUM KNIVES

Straight Steel Blade, Nickel Silver, Hollow Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—9⅝ in. Long, Weight Per Dozen About 3⅛ Lbs. **$19.70**

One-half Dozen in a Flannel Roll.

MEDIUM FORKS

Nickel Silver Base, Flat Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—4 Tine, 7⅝ in. Long Over All, Weight Per Dozen About 1¾ Lbs. **$12.25**

One-half Dozen in a Box.

FIVE O'CLOCK TEA SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—5 in. Long, Weight Per Dozen About ⅝ Lb. **$6.15**

One-half Dozen in a Box.

Per Set

Georgian Pattern—5 in. Long, **in Lined Box,** Weight Per Dozen About 1 Lb. **$3.25**

One Set of Six in a Box.

TEA SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—6 in. Long, Weight Per Dozen About 1 Lb. **$6.15**

One-half Dozen in a Box.

Per Set

Georgian Pattern—6 in. Long, **in Lined Box,** Weight Per Dozen About 1½ Lbs. **$3.25**

One Set of Six in a Box.

DESSERT SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—7½ in. Long, Weight Per Dozen About 1½ Lbs. **$11.10**

One-half Dozen in a Box.

Per Set

Georgian Pattern—7½ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs. **$5.90**

One Set of Six in a Box.

DESSERT KNIVES

Straight Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—8⅝ in. Long, Weight Per Dozen About 2½ Lbs. **$19.00**

One-half Dozen in a Flannel Roll.

DESSERT FORKS

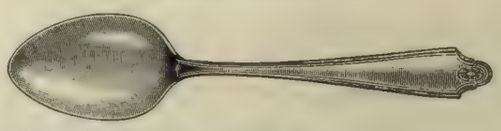
Nickel Plated Base, Flat Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—4 Tine, 7⅛ in. Long Over All, Weight Per Dozen About 1½ Lbs. **$11.10**

One-half Dozen in a Box.

TABLE SPOONS



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—8⅛ in. Long, Weight Per Dozen About 2⅛ Lbs. **$12.25**

One-half Dozen in a Box.

Per Set

Georgian Pattern—8⅛ in. Long, **in Lined Box,** Weight Per Dozen About 2¾ Lbs. **$6.45**

One Set of Six in a Box.

SOUP SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—7¼ in. Long, Weight Per Dozen About 1½ Lbs. **$12.25**

One-half Dozen in a Box.

Per Set

Georgian Pattern—7¼ in. Long, **in Lined Box,** Weight Per Dozen About 1½ Lbs. **$6.45**

One Set of Six in a Box.

ORANGE SPOONS

Nickel Silver Base, Very Heavily Nickel Plated, French Gray Finish.

Per Dozen

Georgian Pattern—5½ in. Long, **in Lined Box,** Weight Per Dozen About 1⅜ Lbs. **$8.00**

One Set of Six in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

BOUILLON SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—5½ in. Long, **in Lined Box,** Weight Per Dozen 1⅝ Lbs. **$10.50**

One Set of Six in a Box.

ICE TEA SPOONS

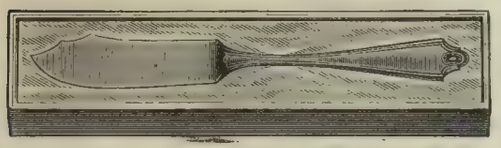
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—7⅜ in. Long, Weight Per Dozen About 1 Lb. **$8.00**

One-half Dozen in a Box.

BUTTER KNIVES



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish, Bent Handle.

Per Dozen

Georgian Pattern—7½ in. Long, Weight Per Dozen About 1½ Lbs. **$13.60**

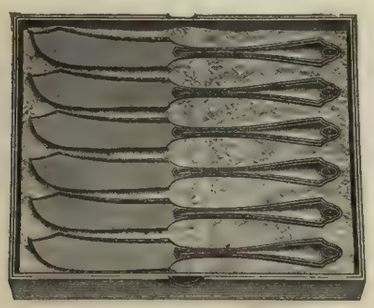
One-half Dozen in a Box.

Per Dozen

Georgian Pattern—7½ in. Long, **in Lined Box,** Weight Per Dozen About 3⅛ Lbs. **$15.60**

One-twelfth Dozen in a Box.

INDIVIDUAL BUTTER SPREADERS



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—6⅛ in. Long, **in Lined Box,** Weight Per Dozen About 1⅜ Lbs. **$9.80**

One Set of Six in a Box.

SUGAR SHELLS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—Plain Bowl, 5¾ in. Long, Weight Per Dozen 1¾ Lbs. **$11.60**

Georgian Pattern—Gilt Bowl, 5¾ in. Long, Weight Per Dozen 1¾ Lbs. **16.00**

One-half Dozen in a Box.

Per Dozen

Georgian Pattern—Plain Bowl, 5¾ in. Long, **in Lined Case,** Weight Per Dozen 2½ Lbs. **$13.65**

Georgian Pattern—Gilt Bowl, 5¾ in. Long, **in Lined Case,** Weight Per Dozen 2½ Lbs. **18.15**

One-half Dozen in a Box.

COMBINATION BUTTER KNIFE AND SUGAR SHELL SET

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Set

Georgian Pattern—Combination Set, Consists of One 7½ in. Bent Handle Butter Knife and One 5¾ in. **Plain Bowl** Sugar Shell, **in Lined Box,** Weight Per Dozen Sets About 5 Lbs. **$2.25**

Georgian Pattern—As Above, but with **Gilt Bowl** Sugar Shell **2.65**

One Set in a Box.

FRUIT KNIVES

Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

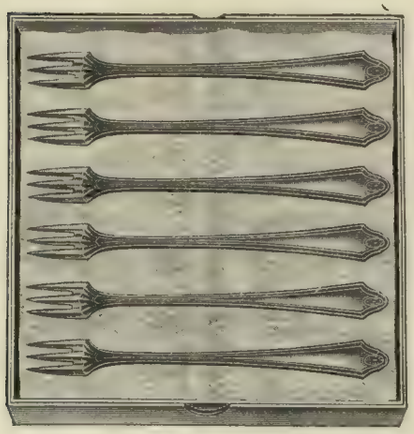
Georgian Pattern—6½ in. Long, **in Lined Box,** Weight Per Dozen About 2¼ Lbs. **$17.80**

One Set of Six in a Box.

Silver Plated Ware.

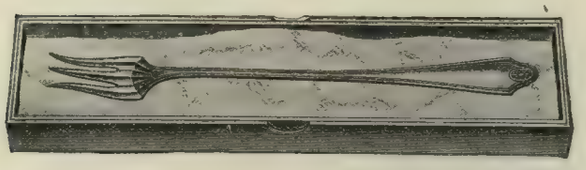
COMMUNITY SILVER
Guaranteed for 50 Years.

OYSTER FORKS



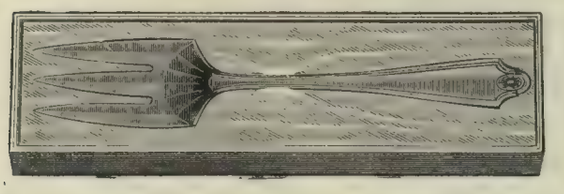
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—6 in. Long, **in Lined Box,** Weight Per Dozen About 1¼ Lbs. **$7.80**
One Set of Six in a Box.

PICKLE FORKS



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—8¼ in. Long, **in Lined Box,** Weight Per Dozen About 2¾ Lbs. **$14.50**
One-twelfth Dozen in a Box.

COLD MEAT FORKS



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—Plain Prongs, 8½ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4⅝ Lbs. **$17.80**
Georgian Pattern—Gilt Prongs, 8½ in. Long Over All, **in Lined Box,** Weight Per Dozen About 4⅝ Lbs. **24.50**
One-twelfth Dozen in a Box.

SUGAR TONGS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—4¾ in. Long, **in Lined Box,** Weight Per Dozen About 1⅝ Lbs. **$19.70**
One-twelfth Dozen in a Box.

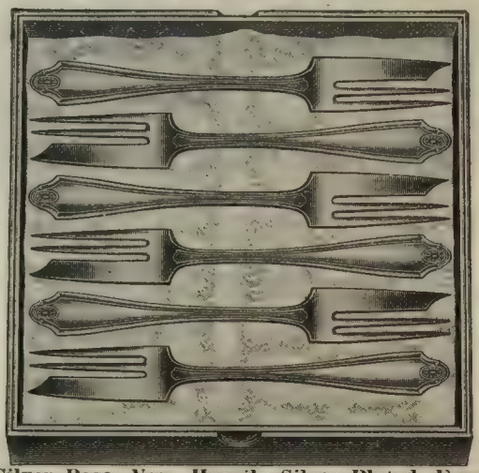
INDIVIDUAL SALAD FORKS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—6⅜ in. Long, **in Lined Box,** Weight Per Dozen 1½ Lbs. **$11.90**
One Set of Six in a Box.

ICE CREAM FORKS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—In Lined Box, Weight Per Dozen About 2 Lbs. **$36.85**
One-half Dozen in a Box.

PIE FORKS



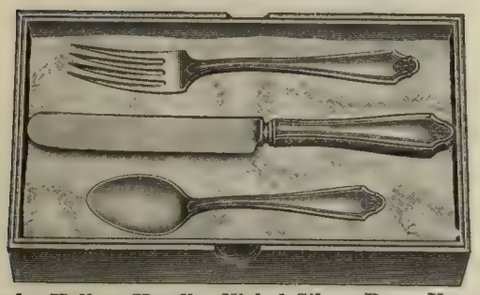
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen
Georgian Pattern—7 in. Long, **in Lined Box,** Weight Per Dozen About 1½ Lbs. **$11.70**
One Set of Six in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

CHILD'S SETS



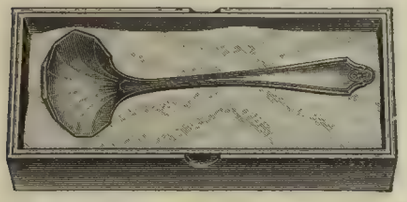
Steel Blade, Hollow Handle, Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen Sets

Georgian Pattern—Three Piece Set, One Each Knife, Fork and Spoon, **in Lined Box,** Weight Per Dozen Sets About 6 Lbs. **$42.65**

One-twelfth Dozen Sets in a Box.

CREAM LADLES



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—Plain Bowl, 5¾ in. Long Over All, **in Lined Box,** Weight Per Dozen About 3½ Lbs. **$18.35**

Georgian Pattern—Gilt Bowl, 5¾ in. Over All, **in Lined Box,** Weight Per Dozen About 3½ Lbs. **25.00**

One-twelfth Dozen in a Box.

GRAVY AND SOUP LADLES

GRAVY LADLES

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—Plain Bowl, 6⅞ in. Over All, **in Lined Box,** Weight Per Dozen About 5⅜ Lbs. . . **$24.50**

Georgian Pattern—Gilt Bowl, 6⅞ in. Over All, **in Lined Box,** Weight Per Dozen About 5⅜ Lbs. . . **34.20**

One-twelfth Dozen in a Box.

MEDIUM SOUP LADLES

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—Plain Bowl, 10½ in. Over All, **in Lined Box,** Weight Per Dozen About 11⅛ Lbs. . **$66.75**

One-twelfth Dozen in a Box.

BABY SPOONS

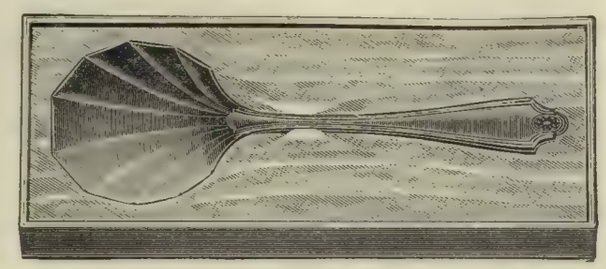
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—3½ in. Long, **in Lined Box,** Weight Per Dozen About 1⅛ Lbs. **$9.50**

One-twelfth Dozen in a Box.

BERRY SPOONS



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

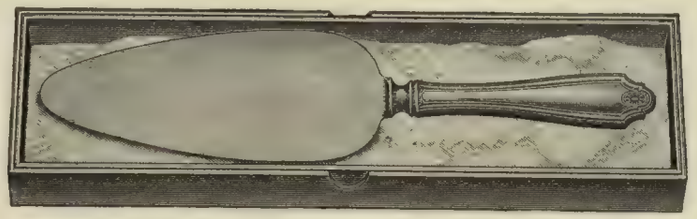
Per Dozen

Georgian Pattern—Plain Bowl, 9 in. Long Over All, **in Lined Box,** Weight Per Dozen About 10 Lbs. . **$27.75**

Georgian Pattern—Gilt Bowl, 9 in. Long Over All, **in Lined Box,** Weight Per Dozen About 10 Lbs. . **37.52**

One-twelfth Dozen in a Box.

PIE OR ICE CREAM SERVERS



Steel Blade, Hollow Handle, Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Georgian Pattern—9⅞ in. Long, **in Lined Box,** Weight Per Dozen About 6⅛ Lbs. **$40.00**

One-twelfth Dozen in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

MEDIUM KNIVES

Straight Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—9⅝ in. Long, Weight Per Dozen About 3⅛ Lbs. **$19.70**

One-half Dozen in a Flannel Roll.

MEDIUM FORKS

Nickel Silver Base, Flat Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—4 Tine, 7⅝ in. Long Over All, Weight Per Dozen About 1¾ Lbs. **$12.25**

One-half Dozen in a Box.

FIVE-O'CLOCK TEA SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—5 in. Long, Weight Per Dozen About ⅝ Lb. **$6.15**

One-half Dozen in a Box.

Per Set

Sheraton Pattern—5 in. Long, **in Lined Box,** Weight Per Dozen About 1 Lb. **$3.25**

One Set of Six in a Box.

TEA SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—6 in. Long, Weight Per Dozen About 1 Lb. **$6.15**

One-half Dozen in a Box.

Per Set

Sheraton Pattern—6 in. Long, **in Lined Box,** Weight Per Dozen About 1¼ Lbs. **$3.25**

One Set of Six in a Box.

DESSERT SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—7½ in. Long, Weight Per Dozen About 1½ Lbs. **$11.10**

One-half Dozen in a Box.

Per Set

Sheraton Pattern—7½ in. Long, **in Lined Box,** Weight Per Dozen About 2 Lbs. **$5.90**

One Set of Six in a Box.

DESSERT KNIVES

Straight Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—8⅝ in. Long, Weight Per Dozen About 2½ Lbs. **$19.00**

One-half Dozen in a Flannel Roll.

DESSERT FORKS

Nickel Silver Base, Flat Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—4 Tine, 7⅛ in. Long Over All, Weight Per Dozen 1½ Lbs. **$11.10**

One-half Dozen in a Box.

TABLE SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—8⅛ in. Long, Weight Per Dozen About 2⅛ Lbs. **$12.25**

One-half Dozen in a Box.

Per Set

Sheraton Pattern—8⅛ in. Long, **in Lined Box,** Weight Per Dozen About 2½ Lbs. **$6.45**

One Set of Six in a Box.

SOUP SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—7⅛ in. Long, Weight Per Dozen About 1½ Lbs. **$12.25**

One-half Dozen in a Box.

Per Set

Sheraton Pattern—7⅛ in. Long, **in Lined Box,** Weight Per Dozen About 1½ Lbs. **$6.45**

One Set of Six in a Box.

ORANGE SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—5½ in. Long, **in Lined Box,** Weight Per Dozen About 1⅜ Lbs. **$8.00**

One Set of Six in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

BOUILLON SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—5½ in. Long, in Lined Box, Weight Per Dozen About 1⅝ Lbs. **$10.50**

One Set of Six in Lined Box.

SUGAR SHELLS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—Plain Bowl, 5¾ in. Long Over All, Weight Per Dozen About ¾ Lb. **$11.60**

Sheraton Pattern—Gilt Bowl, 5¾ in. Long Over All, Weight Per Dozen About ¾ Lb. **16.00**

One-half Dozen in a Box.

Per Dozen

Sheraton Pattern—Plain Bowl, 5¾ in. Long Over All, in Lined Case, Weight Per Dozen About 2½ Lbs. **$13.65**

Sheraton Pattern—Gilt Bowl, 5¾ in. Long Over All, in Lined Case, Weight Per Dozen About 2½ Lbs. **18.15**

One-twelfth Dozen in a Box.

INDIVIDUAL BUTTER SPREADERS

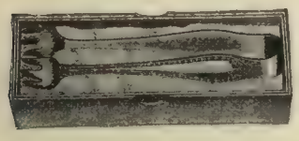
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—6⅛ in. Long, in Lined Box, Weight Per Dozen About 1⅝ Lbs. **$9.80**

One Set of Six in Box.

SUGAR TONGS



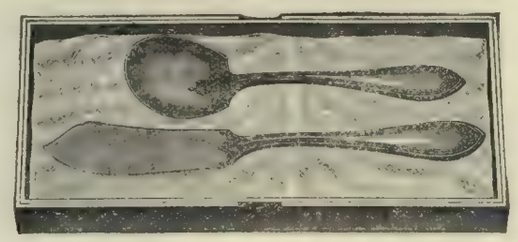
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—4¾ in. Long, in Lined Box, Weight Per Dozen About 1⅝ Lbs. **$19.70**

One-twelfth Dozen in a Box.

COMBINATION BUTTER KNIFE AND SUGAR SHELL SET



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Set

Sheraton Pattern—Combination Set, Consists of One 7½ in. Bent Handle Butter Knife and One 5¾ in. Plain Bowl Sugar Shell, in Lined Box, Weight Per Dozen About 6 Lbs. **$2.25**

One Set in a Box.

BUTTER KNIVES

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish, Bent Handle.

Per Dozen

Sheraton Pattern—7½ in. Long, Weight Per Dozen About 1½ Lbs. **$13.60**

One-half Dozen in a Box.

Per Dozen

Sheraton Pattern—7½ in. Long, in Lined Box, Weight Per Dozen About 3⅛ Lbs. **$15.60**

One-twelfth Dozen in a Box.

FRUIT KNIVES

Steel Blade, Nickel Silver Hollow Handle, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—6¾ in. Long, in Lined Box, Weight Per Dozen About 2¼ Lbs. **$17.80**

One Set of Six in a Box.

CHILD'S SETS

Steel Blade, Hollow Handle, Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen Sets

Sheraton Pattern—Three Piece Set, One Each Knife, Fork and Spoon, in Lined Box, Weight Per Dozen Sets About 6 Lbs. **$42.65**

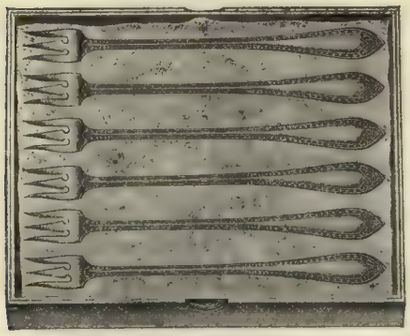
One-twelfth Dozen Sets in a Box.

Silver Plated Ware.

COMMUNITY SILVER

Guaranteed for 50 Years.

OYSTER FORKS



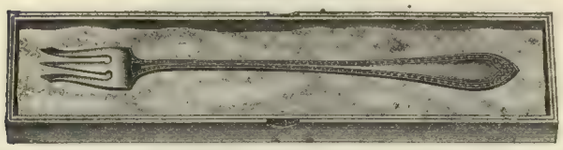
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—6 in. Long, in Lined Box, Weight Per Dozen About 1¼ Lbs. **$7.80**

One Set of Six in a Lined Box.

PICKLE FORKS



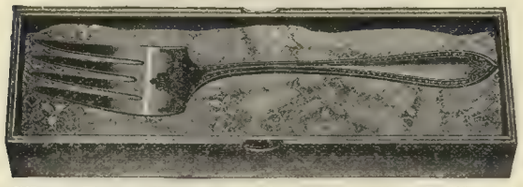
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—8¼ in. Long, in Lined Box, Weight Per Dozen About 2¾ Lbs. **$14.50**

One-twelfth Dozen in a Box.

COLD MEAT FORKS



Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—Plain Prongs, 8½ in. Long Over All, in Lined Box, Weight Per Dozen About 4⅝ Lbs. **$17.80**

Sheraton Pattern—Gilt Prongs, 8½ in. Long Over All, in Lined Box, Weight Per Dozen About 4⅝ Lbs. **24.50**

One-twelfth Dozen in a Box.

BERRY SPOONS

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

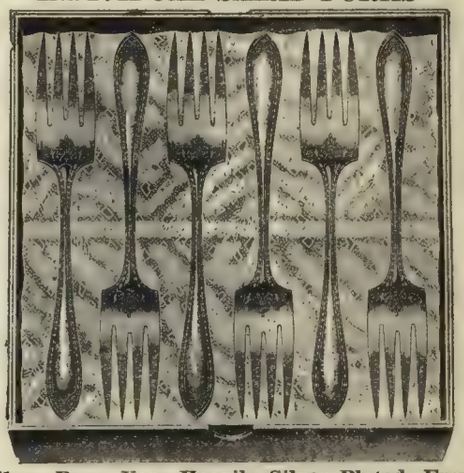
Per Dozen

Sheraton Pattern—Plain Bowl, 9¼ in. Long Over All, in Lined Box, Weight Per Dozen About 7⅛ Lbs. **$27.75**

Sheraton Pattern—Gilt Bowl, 9¼ in. Long Over All, in Lined Box, Weight Per Dozen About 7⅛ Lbs. **37.52**

One-twelfth Dozen in a Box.

INDIVIDUAL SALAD FORKS



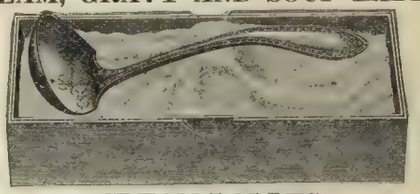
Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—6⅜ in. Long, in Lined Box, Weight Per Dozen About 1½ Lbs. **$11.90**

One Set of Six in a Box.

CREAM, GRAVY AND SOUP LADLES



CREAM LADLES

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—Plain Bowl, 5¾ in. Long Over All, in Lined Box, Weight Per Dozen About 3½ Lbs. **$18.35**

Sheraton Pattern—Gilt Bowl, 5¾ in. Long Over All, in Lined Box, Weight Per Dozen About 3½ Lbs. **25.00**

One-twelfth Dozen in a Box.

GRAVY LADLES

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen

Sheraton Pattern—Plain Bowl, 6⅞ in. Long Over All, in Lined Box, Weight Per Dozen About 5⅜ Lbs. **$24.50**

Sheraton Pattern—Gilt Bowl, 6⅞ in. Long Over All, in Lined Box, Weight Per Dozen About 5⅜ Lbs. **34.20**

One-twelfth Dozen in a Box.

MEDIUM SOUP LADLES

Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish. Per Dozen

Sheraton Pattern—Plain Bowl, 10½ in. Long Over All, in Lined Box, Weight Per Dozen About 11⅛ Lbs. **$66.75**

One-twelfth Dozen in a Box.

PIE OR ICE CREAM SERVERS

Steel Blade, Hollow Handle, Nickel Silver Base, Very Heavily Silver Plated, French Gray Finish.

Per Dozen

Sheraton Pattern—9⅞ in. Long, in Lined Box, Weight Per Dozen About 6⅛ Lbs. **$40.00**

One-twelfth Dozen in a Box.

Sterling Silverware.

Guaranteed 925/1000 Fine.

SPOONS

BRANDON PATTERN, Medium Weight, Bright Finish.

Per Dozen

No. 5—Tea Spoons, Length 5⅝ in., Weight Per Dozen About ⅝ Lb. **$21.80**

No. 10—Dessert Spoons, Length 7 in., Weight Per Dozen About 1⅛ Lbs. **43.35**

No. 15—Table Spoons, Length 8⅛ in., Weight Per Dozen About 1⅜ Lbs. **54.50**

One Dozen in a Box.

SUGAR SHELLS

BRANDON PATTERN, Bright Finish.

Each

No. 1—Sugar Shell, Length 6 in., Weight Each About ⅛ Lb. **$3.20**

One in a Lined Box.

GRAVY LADLES

BRANDON PATTERN, Bright Finish.

Each

No. 9—Gravy Ladle, Length 6¼ in., Weight Each About ⅛ Lb. **$8.90**

One in a Lined Box.

BERRY SPOONS

BRANDON PATTERN, Bright Finish.

Each

No. 12—Berry Spoon, Length 9 in., Weight Each About ¼ Lb. **$12.25**

One in a Lined Box.

BUTTER KNIVES

BRANDON PATTERN, Bright Finish.

Each

No. 2—Butter Knife, Length 7¼ in., Weight Each About ⅛ Lb. **$4.80**

One in a Lined Box.

OYSTER FORKS

BRANDON PATTERN, Large, Bright Finish.

Per Dozen

No. 7—Oyster Forks, Length 5¾ in., Weight Per Dozen About ½ Lb. **$28.00**

One-half Dozen in a Lined Box.

FORKS

BRANDON PATTERN, Medium Weight, Bright Finish.

Per Dozen

No. 3—Dessert Forks, Length 7¼ in., Weight Per Dozen About 1⅛ Lbs. **$43.35**

No. 4—Medium Forks, Length 7¾ in., Weight Per Dozen About 1⅜ Lbs. **54.50**

One Dozen in a Box.

COLD MEAT FORKS

BRANDON PATTERN, Bright Finish.

Each

No. 6—Cold Meat Fork, Length 8¾ in, Weight Each About ¼ Lb. **$10.00**

One in a Lined Box.

Weights Given on this Page are Approximate Shipping Weights.

Nickel Silver Spoons.

TIPPED PATTERN, Nickel Silver.

Per Gross

No. 100—Tea Spoons, Length 5¾ in., Weight Per Gross About 8½ Lbs. **$18.90**

No. 200—Dessert Spoons, Length 7 in., Weight Per Gross About 11¼ Lbs. **31.10**

No. 300—Table Spoons, Length 7¾ in., Weight Per Gross About 17¾ Lbs. **37.75**

Tea Spoons, One-quarter Gross; Dessert Spoons and Table Spoons, One-sixth Gross in a Box.

TIPPED PATTERN, Nickel Silver.

Per Gross

No. 7—Tea Spoons, Length 5¾ in., Weight Per Gross About 6¼ Lbs. **$12.25**

No. 8—Table Spoons, Length 7¾ in., Weight Per Gross About 12 Lbs. **24.50**

One-quarter Gross in a Box.

Nickel Silver Spoons.

SHEFFIELD PATTERN, Nickel Silver.

Per Gross

No. 48—Tea Spoons, Length 5⅞ in., Weight Per Gross About 6½ Lbs. **$13.35**

No. 96—Table Spoons, Length 8 in., Weight Per Gross About 13¼ Lbs. **26.65**

One-sixth Gross in a Box.

Aluminum Spoons.

Aluminum, Polished.

Per Gross

No. 1507—Tea Spoons, Length 5¾ in., Weight Per Gross About 3¾ Lbs. ..... **$ 8.90**

No. 1506—Dessert Spoons, Length 7½ in., Weight Per Gross About 5½ Lbs. **13.35**

No. 1504—Table Spoons, Length 8¼ in., Weight Per Gross About 8¼ Lbs. **16.70**

One-quarter Gross in a Box.

Tinned Spoons.

TIPPED PATTERN, Silver Steel, Tinned.

Per Gross

No. 75—Tea Spoons, Length 5⅞ in., Weight Per Gross About 6¾ Lbs. **$2.80**

No. 150—Table Spoons, Length 8⅛ in., Weight Per Gross About 13¾ Lbs. **5.60**

One-half Gross in a Box.

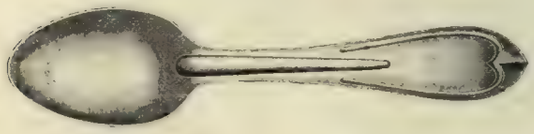
SHELL PATTERN, Silver Steel, Tinned.

Per Gross

No. 075—Tea Spoons, Length 5⅞ in., Weight Per Gross About 6½ Lbs. **$2.80**

No. 0150—Table Spoons, Length 8⅛ in., Weight Per Gross About 14¾ Lbs. **5.60**

One-half Gross in a Box.



Light Solid, Tinned on Iron.

Per Gross

No. 70—Tea Spoons, Length 5⅝ in., Weight Per Gross About 3 Lbs. **$1.50**

No. 140—Table Spoons, Length 7⅛ in., Weight Per Gross About 6½ Lbs. **2.90**

One-half Gross in a Box.

Children's Knives, Forks and Spoons.

Silver Plated.

Per Dozen Sets

No. 49—Child Set, Consists of One Knife, One Fork and One Spoon, Weight Per Dozen Sets About 9 Lbs. **$8.90**

One-twelfth Dozen Sets in a Lined Box.

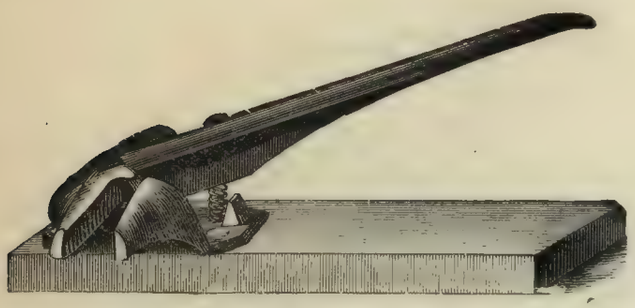
Silver Plated.

Per Dozen Sets

No. 900—Child Set, Consists of One Knife, One Fork and One Spoon, Weight Per Dozen Sets About 9 Lbs. **$5.60**

One-twelfth Dozen Sets in a Lined Box.

Nut Cracks.



Japanned Cast Iron Crack, Stained Wood Base, Extra Heavy.

Per Dozen

No. 12—11 in. Long, 3 in. Wide, Weight Per Dozen About 19 Lbs. **$3.35**

Open Stock.

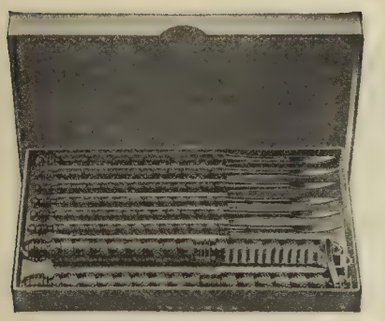
Cast Steel, Nickel Plated and Chased, with Spring, Reversible.

Per Dozen

No. 3—5 in. Long, Weight Per Dozen About 4 Lbs. **$2.50**

One Dozen in a Box.

Nut Cracks and Picks.



No. 122.

Nickel Plated Steel, Fancy Chased Handle Crack, Flat Visible Spring in Head, Fancy Chased Handle Picks, Polished Point.

Per Dozen Sets

No. 122—Set Contains One 5 in. Nut Crack and Six 5 in. Nut Picks, in a Neat Pasteboard Box, Weight Per Dozen Sets About 9 Lbs. **$4.15**

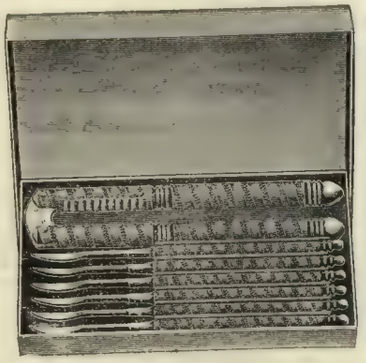
One-twelfth Dozen Sets in a Box.

Nickel Plated Steel, Fancy Chased Handle Crack, with Spring in Head, Fancy Chased Handle Picks, Polished Points.

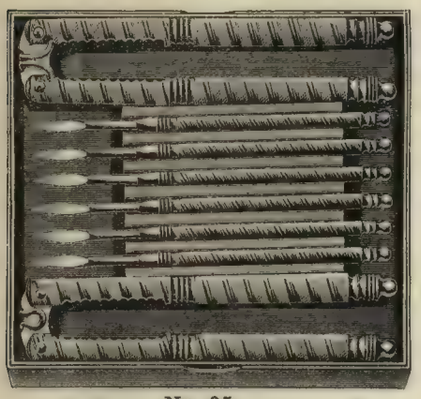
Per Dozen Sets

No. 20—Set Contains One 5 in. Nut Crack, and Six 5 in. Nut Picks, in a Neat Pasteboard Box, Weight Per Dozen Sets About 9 Lbs. **$4.50**

One-twelfth Dozen Sets in a Box.



No. 20.



No. 25.

Nickel Plated Steel, Fancy Chased Handle Crack, with Spring in Head, Fancy Chased Handle Nut Picks, Polished Points.

Per Dozen Sets

No. 25—Set Contains Two 5 in. Nut Cracks and Six 5 in. Picks, in Neat Pasteboard Box, Weight Per Dozen Sets 12 Lbs. **$6.70**

One-twelfth Dozen Sets in a Box.

Nickel Plated Steel, Fancy Chased Handle Nut Crack, with Spring in Head, Fancy Chased Handle Nut Picks, Polished Point.

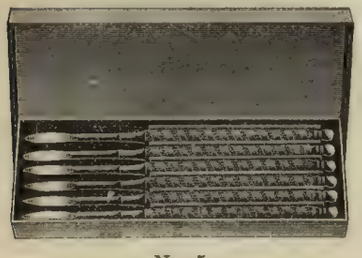
Per Dozen Sets

No. 30—Set Contains One 5 in. Nut Crack and Six 5 in. Nut Picks, in Neatly Lined White Wood Box, Weight Per Dozen Sets About 12 Lbs. **$8.90**

One-twelfth Dozen Sets in a Box.

No. 30.

Nut Picks.



No. 5.

Nickel Plated Steel, Hanadsomely Chased, Polished Points.

Per Dozen Sets

No. 5—Set Contains Six 5 in. Nut Picks, in Neat Pasteboard Box, Weight Per Dozen Sets About 6 Lbs. **$2.25**

One-twelfth Dozen Sets in a Box.

Pocket Match Safes.

Plain, Nickel Plated, Spring Cover.

Per Dozen

No. 700—2½x1½ in., Weight Per Dozen About ¾ Lb ..$2.25

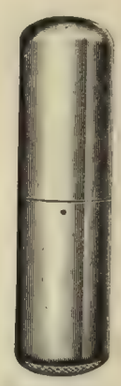
One Dozen in a Box.

Drawn Brass, Nickel Plated and Decorated, Spring Cover.

Per Dozen

No. 510—3x1⅛ in., Weight Per Dozen About ¾ Lb.....$1.35

One Dozen in a Box.



MINERS', Drawn Brass, Round, Nickel Plated.

Per Dozen

No. 398—2$\frac{15}{16}$x$\frac{13}{16}$ in., Weight Per Dozen About ½ Lb.....$1.35

One Dozen in a Box.

Brass, Nickel Plated and Embossed, Spring Cover.

No. 17.

Per Dozen

No. 17—2⅞x1⅝ in., Weight Per Dozen About 1 Lb.....$3.90

One Dozen in a Box.

SOCIETY EMBLEMS, Rolled Steel Cases, Oxidized Silver Finish, Size 2¾x1½ in.

Per Dozen

No. 35M —With Mason's Design $4.50

No. 35OF —With Odd Fellow's Design..... 4.50

No. 35MW —With Modern Woodmen Design..... 4.50

No. 35KP —With Knights of Pythias Design..... 4.50

No. 35E —With B. P. O. E. Design..... 4.50

No. 35KC —With Knights of Columbus Design..... 4.50

No. 35FOE—With F. O. E. (Eagles) Design..... 4.50

Weight Per Dozen About 1⅜ Pounds.

One Dozen in a Box.

No. 35E.

Per Assortment

No. 35—Assortment, Contains 12 Assorted Society Emblem Match Safes, Weight Per Assortment About 1⅜ Lbs.....$4.50

One Assortment in a Box.

Match Safe Assortment.

Rolled Steel Cases, Oxidized Finish, Size 2¾x1½ in.

Per Assortment

No. 925—Assortment, Contains 12 Assorted Design Pocket Match Safes, Weight Per Assortment About 1⅜ Lbs.....$3.90

No. 22A—Assortment, Same as No. 925, but has Match Safes with Cigar Cutters, Weight Per Assortment About 1½ Lbs..... 4.50

One Assortment in a Box.

Eye Shields.

Per Dozen

No. 25—Texas, Celluloid Frame, Felt Binding, Ventilated, Best Imported India Clear Mica Lenses, Weight Per Dozen About ¾ Lbs.....$2.70

One Dozen in a Box.

Goggles.

Per Dozen

No. 10—Penn, Leather Mask, Metal Eye Pieces, Curved Glasses, Assorted Colors, White, Smoked and Blue, Weight Per Dozen About ¾ Lb.....$2.80

One Dozen in a Box.

Key Rings.

COMMON SPLIT, Polished Steel.
Per Dozen
No. 2—Assorted Sizes, One Dozen on a Card, Weight Per Card About 2½ Oz. **$0.25**
12 Cards in a Box.

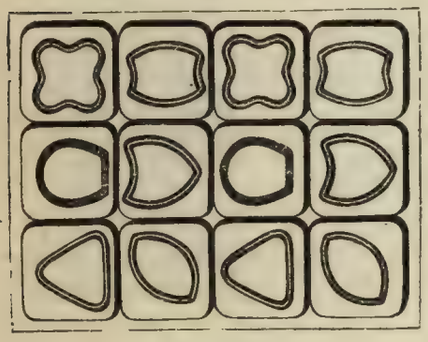
ROUND SPLIT EYE, Cast Steel, Polished. Per Dozen
No. 4—1⅜ in. Diameter, One Dozen on a Card, Weight Per Card About 3 Oz. **$0.35**
12 Cards in a Box.

OCTAGON SPLIT, Cast Steel, Polished.
Per Dozen
No. 6—Assorted Sizes, One Dozen on a Card, Weight Per Card About 3 Oz. **$0.45**
12 Cards in a Box.

BALL RING, Cast Steel, Polished.
Per Dozen
No. 27—Assorted Sizes, One Dozen on a Card, Weight Per Card About 3 Oz. **$0.55**
12 Cards in a Box.

TRIANGLE SPLIT, Cast Steel, Nickel Plated.
Per Dozen
No. 90—1¼ in., One Dozen on a Card, Weight Per Card About 3½ Oz. **$0.45**
12 Cards in a Box.

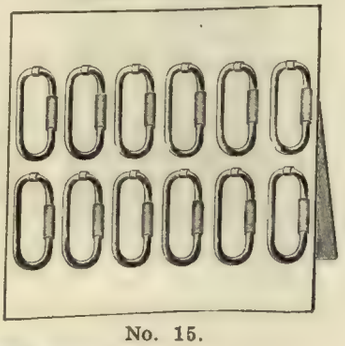
INDIVIDUAL, Nickel Plated Steel, with Chain, Holds One Key Separate from the Rest.
Per Dozen
No. 50—4 in. Long Over All, Weight Per Dozen About 5 Oz. **$1.15**
One Dozen on a Card.



No. 105.

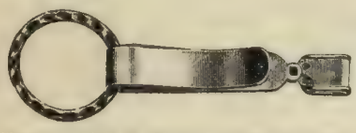
Polished Steel, Split.
Per Dozen
No. 105—Assorted Styles and Sizes, One Dozen on a Card, Weight Per Card About 4 Oz. **$0.60**
12 Cards in a Box.

HOLT'S, Oval, Polished Steel, Screw Fastening.
Per Dozen
No. 15—2x⅞ in., One Dozen on a Card, Weight Per Dozen About 4 Oz. ... **$1.80**
12 Cards in a Box.



No. 15.

Key Ring Hooks.

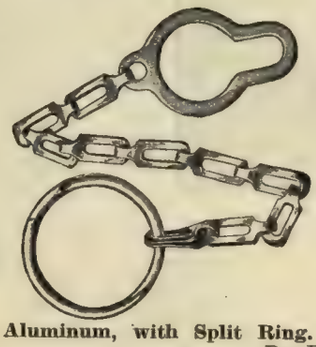


TITE-ON, Brass, Nickel Plated, with Patent Clasp and Split Ring.
Per Dozen
No. 12—4 in. Long Over All, 1¼ in. Key Ring, One Dozen on a Card, Weight Per Card About ¾ Lb. **$1.80**
12 Cards in a Box.

Steel, Nickel Plated, with Key Ring.
Per Dozen
No. 069—4 in. Long Over All, 1¼ in. Key Ring, One Dozen on a Card, Weight Per Card About ¾ Lb. **$0.80**
12 Cards in a Box.

Key Chains.

Steel, Polished, with Split Ring.
Per Dozen
No. 70—19 in. Long, One Dozen on a Card, Weight Per Card About ⅝ Lb. **$0.90**
12 Cards in a Box.



Aluminum, with Split Ring.
Per Dozen
No. 37—19 in. Long, One Dozen on a Card, Weight Per Dozen About 6 Oz. **$1 15**
12 Cards in a Box.

Steel, Nickel Plated, with Split Ring.
Per Dozen
No. 75—19 in. Long, Assorted Styles, One Dozen on a Card, Weight Per Dozen About ½ Lb. **$1.55**
12 Cards in a Box.

Harmonicas.

The Flyer. Per Dozen

No. 412—Richter Model, 10 Holes, 10 Reeds, Nickel Plated Cover, Each in a Telescope Box, Weight Per Dozen About 1 Lb.....$0.90

One-half Dozen in a Box.

My Hobby. Per Dozen

No. 063—"Horseshoe" Brand, 10 Single Holes, 20 Reeds, Finely Nickel Plated Covers and Plates, Frame Finished in Two Colors, Each in a Telescope Box, Wt. Per Dozen About 1⅜ Lbs.$1.80

One-half Dozen in a Box.

Blue Ribbon. Per Dozen

No. 00—10 Single Holes, 20 Reeds, Very Responsive and Accurately Tuned, Brass Coated Plates and Nickel Plated Covers, Each in a Box, Weight Per Dozen About 1½ Lbs.....$1.90

One-half Dozen in a Box.

M. Hohner's. Per Dozen

No. 34B—10 Single Holes, 20 Reeds, Brass Plates and Nickel Covers, Used by All Leading Professional Players, Each in a Neat Hinged Box, Weight Per Dozen About 2 Lbs.....$4.50

One-half Dozen in a Box.

Genuine Richter. Per Dozen

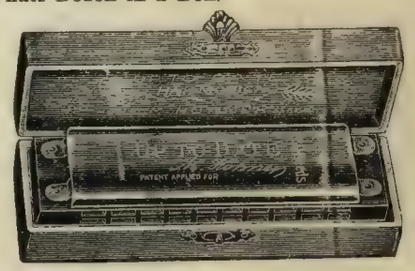
No. 33—10 Single Holes, 20 Reeds, Brass Plates, Finely Nickel Plated, Open Back, Each in a Telescope Box, Weight Per Dozen About 2½ Lbs. $2.50

One-half Dozen in a Package.

Marine Band. Per Dozen

No. 1896—Richter Model, 10 Single Holes, 20 Reeds, Brass Plates, Heavy Convex Brass Covers, Finely Nickel Plated, with Open Back, Each in a Hinged Box, Weight Per Dozen About 2¼ Lbs.....$5.15

One-half Dozen in a Box.



Up-to-Date. Per Dozen

No. 1896½—10 Double Holes, 20 Reeds, Brass Plates, Brass Covers, Shaped Concert Size, Each in a Fine Silk Lined Leatherette Case with Lock, Gold Lettering, Weight Per Dozen About 4 Lbs.....$8.90

One-half Dozen in a Box.

Full Concert Harp. Per Dozen

No. 3CND—10 Double Holes, 40 Reeds, Brass Plates, Brass Covers, Finely Nickel Plated, Each in Hinged Flexible Pasteboard Box, Weight Per Dozen About 2¾ Lbs.....$9.65

One-half Dozen in a Box.

Goliath. Per Dozen

No. 453—24 Double Holes, 48 Reeds, Brass Plates, Heavy Convex Nickel Plated Covers, Open Back, Tremolo Tuned, Each in Fine Silk Lined Case Made of Imitation Alligator Skin, Weight Per Dozen About 7¾ Lbs..$13.35

One-half Dozen in a Box.

Up-to-Date Tremolo. Per Dozen

No. 46½—32 Double Holes, 64 Reeds, Brass Plates, Nickel Covers, Fancy Silver Stamped Extension Ends, the Finest Grade Instrument that can be Produced, Each in Fine Silk Lined Leatherette Case with Gold Lettering, Weight Per Dozen About 8½ Lbs.....$19.50

One-half Dozen in a Box.

Watches.

YANKEE

Gentlemen's.

Size 16, Open Face, Stem Wind and Set, Snap Back Case and Bezel.

Each

No. 10 — Nickel Plated Case..**$1.62**

No. 010 — Gun Metal Finish Case **1.75**

Weight Each About 2 Oz.

ECLIPSE

Gentlemen's.

Size 16, Thin Model, Open Face, Stem Wind and Set, Semi-Bascine Case, Snap Back and Bezel. Each

No. 12 — Nickel Plated Case..**$2.30**

No. 012 — Gun Metal Finish Case **2.40**

Weight Each About 2 Oz.

JUNIOR

Size 12 (Medium Size), Thin Model, Open Face, Stem Wind and Set, Solid Nickel Case with Antique Bow and Crown, Snap Back and Bezel. Each

No. 35—Nickel Plated Case.**$3.00**

No. 035—Gun Metal Finish Case **3.15**

Weight Each About 2 Oz.

MIDGET

Ladies', Girls' or Boys', Size 6, Open Face, Stem Wind and Set, Snap Back and Bezel.

Each

No. 25—Nickel Plated Case....**$3.00**

No. 025—Gun Metal Finish Case. **3.15**

Weight Each About 2 Oz.

COUNTER CASE

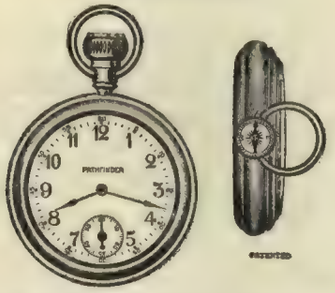
For Ingersoll Watches.

Oxidized Copper Frame Work, Double Thick Plate Glass, Black Flock Covered Pad, Sparkling Yellow Lettering.

Each

No. 12—13 in. Long, 7½ in. High, 8½ in. Deep, Weight Each About 13 Lbs.....**$2.25**

PATHFINDER



Combination Watch and Compass.

Size 14, Open Face, Thin Model, German Silver Case, Arabic Dial, Red Minute Numeral, Pull Out Stem Set with Compass in Top of Watch Crown.

Each

No. 5—Nickel Plated **$1.65**

Weight Each About 2 Oz.

CAPTAIN SCOUT

CAPTAIN SCOUT WATCH, Thin Model, Open Face, Stem Wind and Set, with Compass on Back. Each

No. 2—Nickel Plated Case.....**$4.60**

Weight Each About 3 Oz.

One in a Box.

SCOUT'S COMPASS

SCOUT S COMPASS WATCH, Open Face, Stem Wind and Set, with Compass on Back. Each

No. 1—Nickel Plated Case.....**$2.10**

Weight Each About 3 Oz.

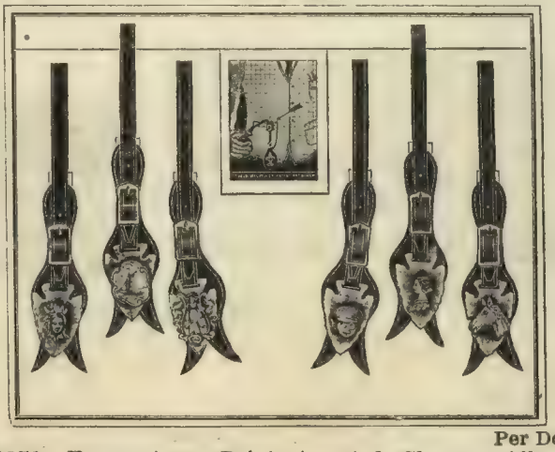
One in a Box.

Leather Watch Fobs.

Per Dozen

No. 117—Rose Gold and Silver Oxidized Assorted Charms, Adjusted to a Black Genuine Leather Strap **$1.80**

Weight Per Dozen About 8 Oz.



Per Dozen

No. 1850—Fancy Arrow-Point Assorted Charms, All Rose Gold Finished Designs, Fitted with a Safety Clasp, Adjusted to Black Genuine Leather Strap **$4.50**

Weight Per Dozen About 12 Oz.

Mounted One-half Dozen on a Card.

Alarm Clocks.

CINCH INTERMITTENT

Cinch.

Solid Brass, Highly Polished and Nickel Plated, Thirty Hour Time, ALTERNATING ALARM, Bell Inside of Case, Stem Shut-Off.

Each

Cinch—4½ in. Dial, 5¾ in. High, Weight Each About 1⅛ Lbs.....**$1.70**

The Alarm rings alternately every 15 seconds for 10 minutes. Alarm is released by raising ball and is stopped by pressing ball down.

One in a Box; 50 in a Case.

INDIAN

Steel Case, Nickeled and Highly Polished, Thirty Hour Time, Bell Inside of Case, Stem Shut-Off.

Each

Indian—4½ in. Dial, 5¾ in. High, Weight Each About 1⅛ Lbs.....**$1.15**

The alarm is released by raising ball and is stopped by pressing ball down.

One in a Box; 50 in a Case.

Indian.

PARKER'S ROTARY HAMMER

Heavy Brass, Nickel Plated Dust Proof Case, One Day Time, Rotary Hammer Alarm.

Each

No. 105—4½ in. Dial, 5½ in. High, Weight Each About 1½ Lbs.....**$1.70**

This Clock has 3-Plate Movement, Quick Beat Escapement, Mirror Polished Pallets, Cut Steel Pinions, Rotary Hammer Alarm which never rattles.

One in a Box.

No. 105.

PARKER'S PACIFIC LONG ALARM

Heavy Brass, Nickel Plated Dust Proof Case, One Day Time, Large Bell on Recessed Back, Long Ringing Alarm with Shut-Off.

Each

No. 116—4½ in. Dial, 5½ in. High, Weight Each About 1¾ Lbs.....**$1.80**

Has Double Roller Escapement, Solid Steel Highly Polished Pallets, Light Non-Breakable Main Springs, Cut Steel Pinions and Brass Wheels, Oil Resevoir on all Pivot Bearings.

One in a Box; 50 in a Case.

No 116

PARKER'S PRACTICAL INTERMITTENT

Heavy Brass, Nickel Plated Dust Proof Case, One Day Time, 4 in. Bell on Recessed Back.

Each

No. 115—4 in. Dial, 6 in. High, Weight Each About 1¾ Lbs.....**$2.25**

Has Double Roller Ratchet Tooth Escapement, Solid Steel Highly Polished Pallets, Cut Steel Pinions and Cut Hard Brass Wheels, Oil Reservoir on all Pivot Bearings, Easy Winding Key, Light Non-Breakable Main Springs, also has an attachment so Alarm can be used either as an Intermittent or Long Alarm.

One in a Box.

No. 115.

PARKER'S PERMANENT INTERMITTENT AND LONG ALARM

Heavy Brass, Nickel Plated Dust Proof Case, One Day Time, 5 in. Gong, with Shut-Off Switch.

Each

No. 200—4⅜ in. Dial, 6 in. High, Weight Each About 2 Lbs.....**$3.35**

Has Intermittent and Long Alarm, with Shut-Off Switch. The movement has Solid Steel Pallets, the Perfect Parker Ratchet Tooth Escapement, Cut Steel Pinions, Cut Hard Brass Wheels, Light Non-Breakable Main Springs, Oil Reservoirs on all Pivot Bearings.

One in a Box; 50 in a Case.

No. 200.

Alarm Clocks.

America.

AMERICA

Nickel Plated Case, One Day Time, with Alarm Shut-Off.

Each

America—4 in. Dial, 6 in. High, Weight Each About 1¼ Lbs. **$1.15**

Has Barreled Springs, Lantern Pinions, Frictionless Pivots, Hard Steel Pallet Escapement, 15,000 Beats per Hour.

One in a Box; 12 in a Carton; 48 in a Case.

SLEEPMETER

Brass Case, Heavily Nickel Plated, Curved Front, Movable Handle, Sturdy Legs, with Bell on Back and Shut-Off Attachment.

Each

No. 2—4 in. Dial, 5 in. High, Weight Each About 2 Lbs. **$1.55**

The Bell is of almost same diameter as the case and it rings with a deep cheery tone.

One in a Box; 12 in a Carton; 48 in a Case.

No. 2 Sleepmeter.

No. 3 Sleepmeter.

SLEEPMETER INTERMITTENT

Brass Case, Heavily Nickel Plated, Curved Front, Movable Handle, Sturdy Legs, with Bell on Back and Shut-Off Attachment.

Each

No. 3—4½ in. Dial, 6 in. High, Weight Each About 2 Lbs. **$2.70**

This is a Back Bell Alarm and can be shut off at will by means of the Shut-Off Attachment right above Bell. Rings intermittently every 25 seconds for a 3½ minute period.

One in a Box; 12 in a Carton; 48 in a Case.

IRON CLAD

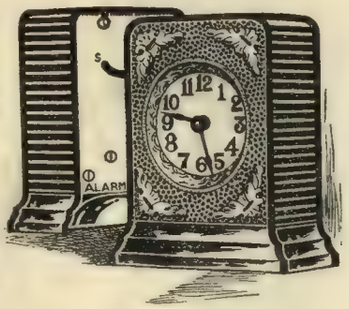
Cast Iron Case, Bronze Plated, Self-Centered Wheels, Western Frictionless Pivots, with Shut-Off Attachment.

Each

Iron Clad—2¾ in. Dial, 5 in. High, Weight Each About 3 Lbs. **$1.95**

Rings 45 seconds, but can be shut off at will.

One in a Box; 24 in a Case.



Iron Clad.

Automatic.

AUTOMATIC

Eight Day Time.

Seamless Brass Case, Heavily Nickel Plated, Heavy Hard Rolled Brass and Steel Movement, Extra Fine Quick Beat, Interchangeable Parts, 4 in. Bell Metal Gong on Back, Runs and Alarms for 8 Days with One Winding, Alarm Rings Until it is Stopped.

Each

Automatic—4¼ in. Dial, 7¼ in. High, 6 in. Wide, Weight Each About 3 Lbs. **$4.25**

This Alarm Clock will automatically call every morning without any night attention; just push shut-off switch and the alarm is set to ring again 24 hours instead of 12 hours later.

One in a Box; 24 in a Case.

RE-CALL

Seamless Brass Case, Heavily Nickel Plated, Hard Rolled Brass and Steel Movement, Interchangeable Parts, 4 in. Bell Metal Gong on Back, Fitted with Two Alarm Dials that Automatically Operate Minutes or Hours Apart of Each Other.

Each

Re-Call—4¼ in. Dial, 7 in. High, 5¼ in. Wide, Weight Each About 2½ Lbs. **$3.35**

The First Alarm calls as an ordinary clock, the Second Alarm will call again at any interval it is set from the First Alarm.

One in a Box; 24 in a Case.

Re-Call.

DEPARTMENT No. 9

GUNS, RIFLES, REVOLVERS
AND
AMMUNITION

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 9

GUNS, RIFLES, REVOLVERS, AMMUNITION

Powder
Dynamite
Reloading Tools
Loading Implements
Cleaning Implements

Gun Oil
Hunters' Clothing
Rifle Cases
Game Carriers
Targets

Ammunition Cases
Gun Covers
Revolver Holsters
Recoil Pads

Blue Rock Traps
Hunters' Hatchets
Hunting Knives
Vacuum Bottles
Duck Calls

Compasses
Dog Collars
Hand Cuffs
Camp Stoves
Rubber Boots

Decoy Ducks
Component Parts
Campers' Lamps

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE WIS.

EVERGREEN
J.P.H.CO.
TRADE MARK

INDEX.

A

Page

Air Rifle Darts 1822
Air Rifle Shot 1849
Air Rifle Targets 1822
Air Rifles 1821, 1822
Ammunition Cases 1861
Anchors—Decoy 1866
Anti-Rust Ropes 1855
Autoloading Rifles 1815
Autoloading Shot Guns....1806, 1810
Automatic Pistols 1826, 1827
Axe Sheaths 1867
Axes—Hunting 1867

B

Bags—
Carry All 1861
Shell 1861
Barrel Reflectors 1829
Bench Closers 1854
Blank Cartridges 1839
Blasting Powder 1850
Blocks—Loading 1853
Blue Rock Traps..... 1866
Boy Scout Rifles..... 1820
Belts—
Cartridge 1859
Holster 1859
Shell 1859
Boots—
Hunting 1860
Rubber 1891
Bottles—Vacuum 1869
Brass Shot Shells—Empty..... 1847
Bullets 1840

C

Calls—
Dog 1869
Duck 1869
Camp Stoves 1891
Campers' and Miners' Lamps.... 1890
Candlesticks—Miners' 1890
Cannons 1827
Cap Crimpers and Fuze Cutters. 1850
Caps—
Dynamite 1850
Gun 1849
Hunting 1859
Carafes—Vacuum 1869
Carbines 1813, 1815
Carriers—Game 1861
Carry-All Bags 1861
Carrying Cases—Vacuum Bottle.. 1869
Cartridge Belts 1859
Cartridge Clips 1815
Cartridges—
Blank 1829
Metallic .....1830 to 1839
Shot 1840
Cases—
Ammunition 1861
Gun and Rifle.....1862, 1863
Vacuum Bottle 1869
Chambers—Supplemental 1840
Cheek Pads 1865
Cleaners—
Revolver 1855
Rifle 1855
Shot Gun 1854
Clips—Cartridge 1815
Closers—Bench 1854
Coats—Hunters' 1857, 1858
Collars—Dog 1872, 1873
Compasses 1870, 1871

C

Page

Component Parts—
Revolver 1889
Rifle .....1881 to 1888
Shot Gun .....1875 to 1880
Cuffs—Hand 1874
Cutters—Wad 1853

D

Darts—Air Rifle 1822
Decappers and Loaders..... 1853
Decoy Anchors 1866
Decoy Ducks 1866
Decoy Weights 1866
Dog Calls 1869
Dog Collars 1872, 1873
Dog Leads 1874
Dog Muzzles 1873
Duck Calls 1869
Ducks—Decoy 1866
Dynamite 1850
Dynamtie Caps 1850

E

Electrical Fuzes 1850
Empty Brass Shot Shells..... 1847
Empty Paper Shot Shells..... 1847
Extractors—Shell 1854

F

Flying Targets 1866
Fuse Cutters and Cap Crimpers.. 1850
Fuse—Safety 1850
Fuzes—Electrical 1850

G

Gallery Targets 1866
Game Carriers 1861
Glasses—Shooting 1866
Grease—Gun 1855
Gun Caps 1849
Gun Cases 1863
Gun Cleaners 1854
Gun Grease 1855
Gun Oil 1856
Gun Powder 1851
Gun Wads 1849
Guns—
Game Getter 1818
Pop 1821
Shot .....1801 to 1810

H

Hand Cuffs 1874
Hand Protectors 1865
Hatchets 1867
Hats—Hunters' 1859
Head Lamps 1890
Holster Belts 1859
Holsters—Revolver 1864
Hunting Axes 1867
Hunting Boots 1860
Hunting Caps 1859
Hunting Coats 1857, 1858
Hunting Hats 1859
Hunting Hatchets 1867
Hunting Knives 1868
Hunting Pants 1858
Hunting Shirts 1858
Hunting Vests 1858

I

Implements—
Cleaning 1854, 1855
Loading 1853, 1854
Irons—Leg 1874

J

Page

Jackets—Shooting 1858

K

Knives—Hunting 1868

L

Lamps—
Campers' and Miners'.... 1890
Head 1890
Leads—Dog 1874
Leggings 1859
Leg Irons 1874
Liquid Pistols 1827
Loaded Shells .....1841 to 1846
Loaders and Decappers..... 1853
Loading Blocks 1853
Loading Implements 1853, 1854

M

Match Safes 1870
Maxim Silencers 1821
Measures—Powder and Shot.... 1853
Metallic Cartridges .....1830 to 1839
Miners' and Campers' Lamps.... 1890
Miners' Candlesticks 1890
Muzzles—Dog 1873

N

Nippers—Police 1874

O

Oil—Gun 1856

P

Pack Sacks 1861
Pads—
Cheek 1865
Recoil 1865
Pants—Hunting 1858
Paper Shells—
Loaded .....1841 to 1846
Empty 1847
Parts—
Component Revolver 1889
Component Rifle..1881 to 1888
Component Shot Gun....
1875 to 1880
Pistols—
Automatic 1826, 1827
Liquid 1827
Target 1824, 1827
Police Nippers 1874
Powder—
Blasting 1850
Gun 1851
Powder and Shot Measures..... 1853
Primers 1848
Protectors—Hand 1865

R

Recappers 1853
Recoil Pads 1865
Reflectors—
Barrel 1829
Campers' Lamp 1890
Reloading Tools 1851, 1852
Repeating Rifles .....
1811 to 1813, 1815 to 1818
Repeating Shot Guns....1807 to 1810
Revolver Cleaners 1855
Revolver Holsters 1864

R

	Page
Revolver Parts	1889
Revolvers ..... 1823 to	1826
Rifle Cases	1862
Rifle Cleaners	1855
Rifle Parts ..... 1881 to	1888
Rifles—	
Air 1821,	1822
Auto Loading	1815
Boy Scout	1820
Repeating ..... 1811 to 1813, 1815 to	1818
Single Shot	1814
Self-Loading	1814
Target ..... 1818 to	1821
Rifle Sights 1828,	1829
Rods—Cleaning 1854,	1855
Ropes—Anti-Rust	1855
Rubber Boots	1891
Rubbers—Leather Top	1860
Rust Remover	1855

S

Sacks—Pack	1861
Safes—Match	1870
Safety Carvers	1868
Safety Fuse	1850
Safety Saws	1868

S

	Page
Self-Loading Rifles	1814
Sheaths—Axe	1867
Shell Bags	1861
Shell Belts	1859
Shell Extractors	1854
Shells—	
Brass	1847
Loaded ..... 1841 to	1846
Paper	1847
Shirts—Hunters'	1858
Shooting Glasses	1866
Shooting Jackets	1858
Shot and Powder Measures	1853
Shot Cartridges	1840
Shot Gun Parts ..... 1875 to	1880
Shot Gun Sights	1829
Shot Guns ..... 1801 to	1810
Shot—	
Air Rifle	1849
Buck	1849
Chilled	1849
Drop	1849
Sights 1828,	1829
Silencers—Maxim	1821
Single Barrel Shot Guns .. 1804 to	1810
Sling Straps	1859

S

	Page
Stoves—Camp	1891
Straps—Sling	1859
Supplemental Chambers	1840

T

Target Pistols 1824,	1827
Target Rifles ..... 1818 to	1821
Targets—	
Air Rifle	1822
Flying	1866
Gallery	1866
Tools—Reloading 1851,	1852
Traps—Blue Rock	1866
Trap Shooters' Shell Bag	1861

V

Vacuum Bottles	1869
Vacuum Carafes	1869
Vests—Hunting	1858
Viscol	1860

W

Wad Cutters	1853
Wads—Gun	1849
Weights—Decoy Duck	1866
Whistles	1869

Double Barrel Shot Guns.

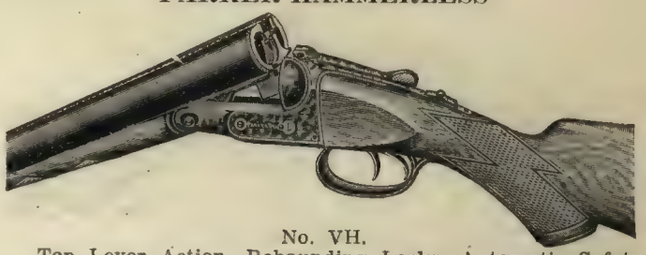
PARKER TROJAN

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Top Rib, Checkered Full Pistol Grip, Checkered Fore End, Walnut Stock, Hard Rubber Butt Plate.

Plain Ejector.

	Each
No. 912—12 Gauge, 30 in. Imported Trojan Steel Barrels, Full Choke Bored, Weight 7½ to 8 Lbs.	**$50.50**
No. 916—16 Gauge, 28 in. Imported Trojan Steel Barrels, Modified and Full Choke Bored, Weight 6½ to 7 Lbs.	**50.50**
No. 920—20 Gauge, 28 in. Imported Trojan Steel Barrels, Modified and Full Choke Bored, Weight 6¼ to 6¾ Lbs.	**50.50**

PARKER HAMMERLESS



No. VH.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered and Engraved Full Pistol Grip, Patent Fore-End, Rubber Cap, Walnut Stock, Hard Rubber Butt Plate, Both Barrels Choke Bored.

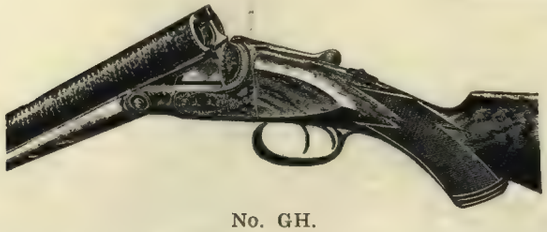
Plain Ejector.

	Each
No. VH—12 Gauge, 30 and 32 in. Vulcan (Black) Steel Barrels, Weight 7½ to 8¼ Lbs.	**$75.00**
No. VH6—16 Gauge, 28 and 30 in. Vulcan (Black) Steel Barrels, Weight 6¾ to 7¼ Lbs.	**75.00**

Automatic Ejector.

	Each
No. VHE—12 Gauge, 30 in. Vulcan (Black) Steel Barrels, Weight 7½ to 8¼ Lbs.	**$112.50**

PARKER HAMMERLESS



No. GH.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered and Engraved Full Pistol Grip, Patent Fore-End, Rubber Cap, Walnut Stock, Hard Rubber Butt Plate.

Plain Ejector.
Both Barrels Choke Bored.

	Each
No. PH—12 Gauge, 32 in. Fine Damascus Stub Twist Barrels, Weight 7½ to 8¼ Lbs.	**$ 97.50**
No. GH—12 Gauge, 30 and 32 in. Fine Damascus Steel Barrels, Weight 7½ to 8¼ Lbs.	**120.00**

No. DH.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered and Engraved Full Pistol Grip, Patent Fore-End, Rubber Cap, English Walnut Stock, Silver Shield, Skeleton Butt Plate, Both Barrels Choke Bored.

Plain Ejector.

	Each
No. DH—12 Gauge, 30 and 32 in. Fine Damascus Steel Barrels, Weight 7½ to 8¼ Lbs.	**$150.00**

FOX STERLINGWORTH HAMMERLESS

Length of Stock 14 in., Drop 2¾ in. Only.

Top Lever Action, Rebounding Lock, Automatic Safety, Extended Matted Rib, Checkered and Engraved Full Pistol Grip, Patent Non-Breakable Fox Spiral Spring Fore-End, American Walnut Stock, Hard Rubber Butt Plate, **Right Barrel Modified Choke, Left Barrel Full Choke Bored, or Both Barrels Full Choke Bored.**

	Each
No. 1F—12 Gauge, 30 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, Weight 7½ to 7¾ Lbs.	**$46.65**
No. 2F—12 Gauge, 30 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, **with Automatic Ejector**, Weight 7½ to 7¾ Lbs.	**60.00**
No. 20F—20 Gauge, 28 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, Weight 5½ to 5¾ Lbs.	**46.65**
No. 22F—20 Gauge, 28 in. Genuine Sterlingworth Fluid Compressed Steel Barrels, Adapted to Smokeless or Black Powder, **with Automatic Ejector**, Weight 5½ to 5¾ Lbs.	**60.00**

L. C. SMITH HAMMER

Nos. 14 to 16.

Top Lever Action, Rebounding Low Circular Hammers, Matted Extended Rib, Triple Bolt, Checkered Pistol Grip, Patent Compensating Fore-End, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Each
No. 13—12 Gauge, 30 and 32 in. Blued Steel Barrels, Weight 7½ to 8½ Lbs.	**$33.30**
No. 14—12 Gauge, 30 and 32 in. English Stub Twist Steel Barrels, Weight 7½ to 8½ Lbs.	**35.60**
No. 15—10 Gauge, 32 in. English Stub Twist Steel Barrels, Weight 9 to 10 Lbs.	**35.60**
No. 16—16 Gauge, 30 in. English Stub Twist Steel Barrels, Weight 6½ to 7 Lbs.	**35.60**

Double Barrel Shot Guns.

L. C. SMITH HAMMERLESS

Nos. 0½ and 0.

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Plain Ejector. Each

No. 0½—12 Gauge, 30 and 32 in. Blued Armor Steel Barrels, Weight 7½ to 8½ Lbs. . . **$47.50**

No. 0000—20 Gauge, 28 in. Blued Armor Steel Barrels, Weight 5½ to 6¼ Lbs. **47.50**

No. 0—12 Gauge, 30 and 32 in. Two Blade Damascus Steel Barrels, Weight 7½ to 8½ Lbs. **70.75**

Automatic Ejector. Each

No. 0½E—12 Gauge, 30 and 32 in. Blued Armor Steel Barrels, Weight 7½ to 8½ Lbs. . . . . **$ 66.60**

No. 0E—12 Gauge, 30 and 32 in. Two Blade Damascus Steel Barrels, Weight 7½ to 8½ Lbs. **103.15**

No. S2E.

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Full Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Plain Ejector. Each

No. S-2—12 Gauge, 30 and 32 in. Crown Steel Barrels, Weight 7½ to 8½ Lbs. **$120.35**

Automatic Ejector. Each

No. S-2E—12 Gauge, 30 in. Crown Steel Barrels, Weight 7½ to 8½ Lbs. **$141.50**

L. C. SMITH HAMMERLESS

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Full Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Automatic Ejector. Each

No. S-3E—12 Gauge, 30 and 32 in. Nitro Steel Barrels, Weight 7½ to 8½ Lbs. **$171.75**

No. S1.

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Plain Ejector. Each

No. S-1—12 Gauge, 30 and 32 in. Three Blade Damascus Steel Barrels, Line Engraving, Weight 7½ to 8½ Lbs. **$103.15**

Automatic Ejector. Each

No. S-1E—12 Gauge, 30 and 32 in. Three Blade Damascus Steel Barrels, Line Engraving, Weight 7½ to 8½ Lbs. **$113.25**

Top Lever Action, Rebounding Locks, Automatic Safety, Extended Matted Rib, Triple Bolt, Case Hardened Mountings, Checkered Full Pistol Grip, Patent Compensating Fore-End, Interchangeable Main Spring, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Plain Ejector. Each

No. S-3—12 Gauge, 30 and 32 in. Nitro Steel Barrels, Weight 7½ to 8½ Lbs. **$148.75**

LEFEVER HAMMERLESS

No. 23E.

"E" Grade, Automatic Ejector.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Richly Checkered and Engraved, Full Pistol Grip and Patent Fore-End, Rubber Cap, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Each

No. 23E—12 Gauge, 30 in. Krupp Steel Barrels, Weight 7¼ to 8 Lbs. **$153.80**

Ideal "G" Grade, Plain Ejector.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, Checkered Full Pistol Grip and Patent Fore-End, Rubber Cap, Line Engraving, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Each

No. 25—12 Gauge, 30 and 32 in. Damascus Steel Barrels, Weight 7¼ to 8 Lbs. **$81.05**

Ideal "G" Grade, Automatic Ejector. Each

No. 25E—12 Gauge, 30 and 32 in. Fine Blued Steel Barrels, Weight 7¼ to 8 Lbs. **$103.25**

Double Barrel Shot Guns.

LEFEVER HAMMERLESS

No. 28.

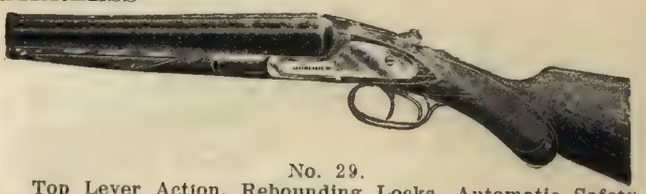
Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, **Checkered Full Pistol Grip**, Engraved Patent Fore-End, Rubber Cap, English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

"H" Grade, Plain Ejector. Each

No. 28—12 Gauge, 30 in. London Twist Steel Barrels, Weight 7¼ to 8¼ Lbs. **$62.75**

"H" Grade, Automatic Ejector. Each

No. 28E—12 Gauge, 30 and 32 in. London Twist Steel Barrels, Weight 7¼ to 8¼ Lbs. **$84.35**



No. 29.

Top Lever Action, Rebounding Locks, Automatic Safety, Matted Extended Rib, **Checkered Half Pistol Grip**, Patent Fore-End, Rubber Cap, Imported Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

Durston Special "I" Grade, Plain Ejector. Each

No. 29—12 Gauge, 30 and 32 in. Black Dura Nitro Steel Barrels, Weight 7¼ to 8¼ Lbs. **$46.65**

No. 2916—16 Gauge, 28 in. Black Dura Nitro Steel Barrels, Weight 6½ to 7 Lbs. **46.65**

No. 2920—20 Gauge, 28 in. Black Dura Nitro Steel Barrels, Weight 5½ to 6 Lbs. **46.65**

Durston Special "I" Grade, Automatic Ejector. Each

No. 29E—12 Gauge, 30 in. Black Dura Nitro Steel Barrels, Weight 7¼ to 8¼ Lbs. **$64.40**

MILWAUKEE GUN CO.'S

HAMMER

Top Snap Action, Rebounding Locks, Circular Hammers, Matted Extended Rib, Checkered Half Pistol Grip, Patent Snap Fore-End, Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored. Each

No. 215—12 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 7½ to 8 Lbs. **$20.55**

No. 216—16 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 6¼ to 7 Lbs. **20.55**

No. 217—20 Gauge, 28 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 5¾ Lbs. **20.55**

HAMMERLESS

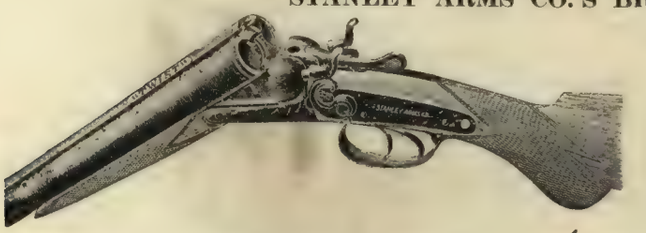
Top Snap Action with New Top Bolt Fastening, Rebounding Locks, Finely Matted Flat Top Rib, Reinforced Drop Forged Steel Breech, Checkered Half Pistol Grip, Patent Fore-End, American Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored. Each

No. 225—12 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 7½ to 8 Lbs. **$26.65**

No. 226—16 Gauge, 30 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 6¼ to 7 Lbs. **26.65**

No. 227—20 Gauge, 28 in. Plain Blued Steel Barrel, Bored for Either Nitro or Black Powder, Weight 5¾ Lbs. **26.85**

STANLEY ARMS CO.'S BREECH LOADING HAMMER



Top Lever Action, **Rebounding Back Action Locks**, Circular Hammers, **Extended Rib**, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Mountings, Walnut Stock, Steel Butt Plate. Each

No. 508—12 Gauge, 30 and 32 in. Twist Finish Steel Barrels, Weight 7¼ to 8 Lbs. **$17.45**

No. 512—16 Gauge, 30 in. Twist Finish Steel Barrels, Weight 6½ to 7 Lbs. **17.45**

Top Lever Action, **Rebounding Bar Locks**, Circular Hammers, **Extended Rib**, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Mountings, Walnut Stock, Steel Butt Plate. Each

No. 518—12 Gauge, 30 and 32 in. Twist Finish Steel Barrels, Weight 7¼ to 8 Lbs. **$19.45**

No. 520—16 Gauge, 30 in. Twist Finish Steel Barrels, Weight 6½ to 7 Lbs. **19.45**

BREECH LOADING HAMMER

Nos. 414 to 420.

Full Machine Made.

Top Lever Action, Rebounding Bar Locks, Circular Hammers, **Matted Extended Rib and Dovetailed Bolt**, Checkered Full Pistol Grip and Patent Snap Fore-End, Case Hardened Mountings, Oiled Walnut Stock, **Left Barrel Choke Bored.**

Thin Steel Butt Plate. Each

No. 414—12 Gauge, 30 and 32 in. **Blued Finish** Steel Barrels, Weight 7½ to 8 Lbs. **$21.10**

No. 415—16 Gauge, 30 in. **Blued Finish** Steel Barrels, Weight 6½ to 7 Lbs. **21.10**

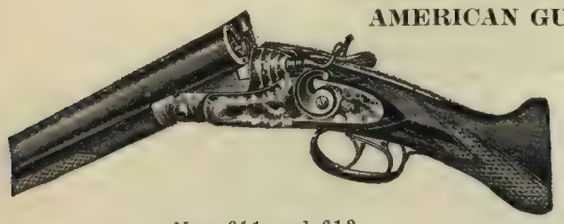
Rubber Butt Plate. Each

No. 418—12 Gauge, 30 and 32 in. **Twist Finish** Steel Barrels, Weight 7½ to 8 Lbs. **$22.75**

No. 420—16 Gauge, 30 in. **Twist Finish** Steel Barrels, Weight 6½ to 7 Lbs. **22.75**

Double Barrel Shot Guns.

AMERICAN GUN CO.'S SMALL BORE



Nos. 611 and 612.

Top Lever Action, Bar Locks, Circular Hammers, Matted Extended Rib, Checkered Pistol Grip and Fore-End, Walnut Stock, Rubber Butt Plate.

	Each
No. 611—28 Gauge, 26 and 28 in. Nitro Steel Barrels, Weight About 4¾ Lbs.	$21.10
No. 612—44 Caliber, 26 in. Nitro Steel Barrels, Weight About 4¾ Lbs.	21.10

AMERICAN GUN CO.'S HAMMER

Top Lever Action, Rebounding Bar Locks, Low Circular Hammers, Matted Extended Rib, Deeley and Edge Fore-End, Half Pistol Grip, Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Each
No. 608—12 Gauge, 30 and 32 in. Genuine Armory Steel Barrels, Weight 7½ to 8 Lbs.	$17.75
No. 609—16 Gauge, 30 in. Genuine Armory Steel Barrels, Weight 6½ to 7¼ Lbs.	17.75
No. 610—20 Gauge, 28 in. Genuine Armory Steel Barrels, Weight 5¾ Lbs.	17.75

AMERICAN GUN CO.'S HAMMERLESS

Top Lever Action, Rebounding Locks, Automatic Safety, Deep Seated Bolts, L Shaped Extension Matted Rib, Checkered Pistol Grip, Deeley and Edge Fore-End, Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Each
No. 60—12 Gauge, 30 in. Armory Steel Barrels, Weight 7 to 8 Lbs.	$24.45
No. 61—16 Gauge, 30 in. Armory Steel Barrels, Weight 6½ to 7 Lbs.	24.45
No. 62—20 Gauge, 28 in. Armory Steel Barrels, Weight 5¾ Lbs.	24.45

STEVENS', HAMMER

Demi-Bloc System, Top Snap Action, New Style Compensating Locking Bolt, Matted Extension Rib, Rebounding Locks, Low Circular Hammers, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Frame, Oiled Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Each
No. 235—12 Gauge, 30 and 32 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 7¾ to 8¼ Lbs.	$22.25
No. 236—16 Gauge, 28 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 6½ to 7 Lbs.	22.25

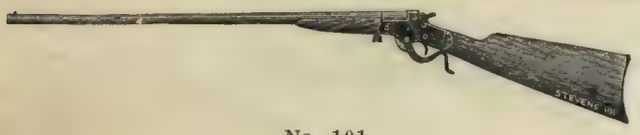
STEVENS', HAMMERLESS

Demi-Bloc System, Top Snap Action, New Style Compensating Locking Bolt, Matted Extension Rib, Checkered Half Pistol Grip and Patent Snap Fore-End, Case Hardened Frame, Oiled English Walnut Stock, Rubber Butt Plate, Both Barrels Choke Bored.

	Each
No. 335—12 Gauge, 30 and 32 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 7½ to 8 Lbs.	$30.00
No. 336—16 Gauge, 28 in. Compressed Forged High Pressure Steel Barrels, Bored for Nitro Powder, Weight 6 to 6¾ Lbs.	30.00

Single Barrel Shot Guns.

STEVENS'



No. 101.

Take Down.

Lever Action, Tip-up Style, Straight Grip, Blued Frame, Walnut Finished Stock, Rubber Butt Plate, Reinforced Breech.

	Each
No. 101—44 Gauge, for 44 X. L., 44 Winchester Center Fire Cartridges, and 44 Game Getter Cartridges, 26 in. Steel Barrel, Bored for Nitro Powder, Weight 4 Lbs.	$7.80

BADGER

Top Snap.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored.

	Each
No. 440—12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	$6.70
No. 441—16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	6.70
No. 442—20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	6.70

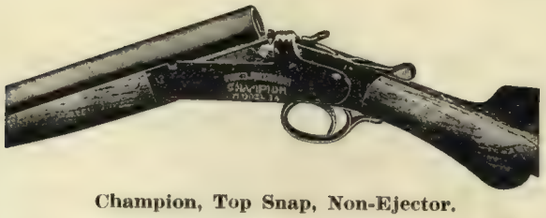
Automatic Ejector.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored.

	Each
No. 445—12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	$7.25
No. 446—16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	7.25
No. 447—20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	7.25
No. 448—28 Gauge, 26 in. Rolled Steel Barrel, Weight About 5¾ Lbs.	7.25

Single Barrel Shot Guns.

IVER JOHNSON



Champion, Top Snap, Non-Ejector.

Top Lever Action, Rebounding Lock, Pistol Grip, Case Hardened Frame, Walnut Stock, Loose Fore-Arm, Rubber Butt Plate, Choke Bored.

	Each
No. 150—12 Gauge, 30 and 32 in. Blued Steel Barrel, Weight About 6½ Lbs.	**$7.25**
No. 155—16 Gauge, 30 in. Blued Steel Barrel, Weight About 6½ Lbs.	**7.25**
No. 158—44 Caliber, 28 in. Blued Steel Barrel, Weight 5¾ Lbs.	**7.25**

Champion Top Snap, Automatic Ejector.

Top Lever Action, Rebounding Lock, Pistol Grip, Case Hardened Frame, Walnut Stock, Loose Fore-Arm, Rubber Butt Plate, Choke Bored.

	Each
No. 0150—12 Gauge, 30 and 32 in. Blued Steel Barrel, Weight About 6½ Lbs.	**$7.80**
No. 0155—16 Gauge, 30 in. Blued Steel Barrel, Weight About 6½ Lbs.	**7.80**
No. 0156—20 Gauge, 28 in. Blued Steel Barrel, Weight About 6 Lbs.	**7.80**
No. 0157—28 Gauge, 28 in. Blued Steel Barrel, Weight About 5¾ Lbs.	**7.80**

DAVENPORT GOOSE GUN

Top Lever Action, Rebounding Lock, Checkered Pistol Grip and Fore-End, Case Hardened Frame, English Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate.

	Each
No. 08— 8 Gauge, 36 in. Laminated Twist Steel Barrel, Weight 11 to 11½ Lbs.	**$32.20**
No. 09—10 Gauge, 36 in. Laminated Twist Steel Barrel, Weight 11 to 11½ Lbs.	**27.75**

HARRINGTON & RICHARDSON

Top Snap.

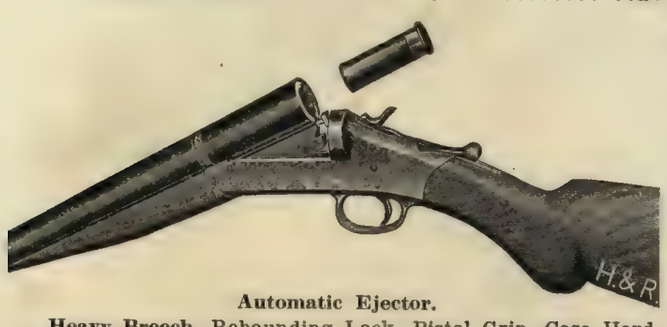
Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored.

	Each
No. 40—12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight, About 6¼ Lbs.	**$7.25**
No. 41—16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	**7.25**
No. 42—20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	**7.25**

Automatic Ejector.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored.

	Each
No. 45—12 Gauge, 30 and 32 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	**$7.80**
No. 46—16 Gauge, 30 in. Rolled Steel Barrel, Weight About 6¼ Lbs.	**7.80**
No. 47—20 Gauge, 28 in. Rolled Steel Barrel, Weight About 6 Lbs.	**7.80**
No. 48—28 Gauge, 26 in. Rolled Steel Barrel, Weight About 5¾ Lbs.	**7.80**



Automatic Ejector.

Heavy Breech, Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Loose Fore-Arm, Fancy Rubber Butt Plate, Barrel Choke Bored.

	Each
No. 195—12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7 Lbs.	**$11.10**

Non-Ejector.

Rebounding Lock, Pistol Grip, Case Hardened Frame, Detachable Barrel, Fine Walnut Stock, Rubber Butt Plate, Barrel Choke Bored.

	Each
No. 44—44 Caliber, 26 in. Rolled Steel Barrel, Weight About 5½ Lbs.	**$7.25**

Single Barrel Autoloading Shotguns.

REMINGTON AUTOLOADING, MODEL 11

BROWNING DESIGN

Standard Grade, Hammerless, Take Down.

Stock 14 in. Long, 2½ in. Drop at Heel and 1⅝ in. Drop at Comb.

Solid Breech, Walnut Stock, Plain Pistol Grip, Matted Receiver, Rubber Butt Plate, Automatic Ejector, 5 Shots.

	Each
No. 1—(Factory No. 11A), 12 Gauge, 28 in. Blued Steel Barrel, **Full Choke or Modified Choke Bored,** Weight About 7¾ Lbs.	**$55.50**

Full Choke Barrel will Always be Sent Unless Otherwise Specified.

No. 12—(Factory No. 11A), 12 Gauge, Same Description as Above, but **with Two Barrels,** One 28 in. Full Choke and One 26 in. Cylinder Bored	**78.15**

Special Grade, Hammerless, Take Down, Solid Matted Rib.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Selected Imported Walnut Half Pistol Grip Stock and Fore-Arm, Neatly Checkered, Matted Receiver, Rubber Butt Plate, Automatic Ejector, 5 Shots.

	Each
No. 2—(Factory No. 11B), 12 Gauge, 28 in. Blued Steel Barrel, Full Choke Bored, Weight About 7¾ Lbs.	**$70.75**
No. 2R—(Factory No. 11B), Same Description as Above, but with **Solid Matted Rib**	**79.65**

Tournament Grade, Hammerless, Take Down.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Fine English Walnut Stock, Checkered Pistol Grip and Fore-End, Matted Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Extra Scroll Engraving, Fine Checkering, 5 Shots.

	Each
No. 4—(Factory No. 11D), 12 Gauge, 28 in. Blued Steel Barrel, Weight About 7¾ Lbs.	**$ 99.05**
No. 4R—(Factory No. 11D), 12 Gauge, Same Description as Above, but with **Solid Matted Rib Barrel**	**108.00**

Premier Grade, Hammerless, Take Down.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Finest Circassian Walnut Stock, Checkered Pistol Grip and Fore-End, Matted Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Fine Scroll and Game Engraving, Deeply Shaded, Gold Name Plate, 5 Shots.

	Each
No. 6R—(Factory No. 11F), 12 Gauge, 28 in. Blued Steel **Solid Matted Rib Barrel,** Weight About 7¾ Lbs.	**$221.15**

Cut Shows Matted Rib Barrel.

Standard Grade, Hammerless, Take Down, Solid Matted Rib.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Walnut Stock, Plain Pistol Grip, Matted Receiver, Rubber Butt Plate, Raised Solid **Matted Rib,** Automatic Ejector, 5 Shots.

	Each
No. 1R—(Factory No. 11A), 12 Gauge, 28 in. Blued Steel Barrel, **Full Choke or Modified Choke Bored,** Weight About 7¾ Lbs.	**$64.40**

Full Choke Barrel will Always be Sent Unless Otherwise Specified.

No. 12R—(Factory No. 11A), 12 Gauge, Same Description as Above, but **with Two Barrels,** One 28 in. Full Choke and One 26 in. Cylinder Bored	**95.90**

Trap Grade, Hammerless, Take Down.

Stock 14¼ in. Long, 2¼ in. Drop at Heel, 1½ in. Drop at Comb.

Solid Breech, Imported Walnut Straight Grip Stock and Fore-Arm, Neatly Checkered, Matted Receiver, Rubber Butt Plate, Automatic Ejector, 5 Shots.

	Each
No. 3—(Factory No. 11C), 12 Gauge, 28 in. Blued Steel Barrel, Full Choke Bored, Weight About 7¾ Lbs.	**$70.75**
No. 3R—(Factory No. 11C), 12 Gauge, Same Description as Above, but with **Solid Matted Rib**	**79.65**

Expert Grade, Hammerless, Take Down.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Best English Walnut Stock, Checkered Pistol Grip and Fore-End, Matted Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Fine Scroll and Game Engraving, Extra Checkering, Silver Name Plate, 5 Shots.

	Each
No. 5—(Factory No. 11E), 12 Gauge, 28 in. Blued Steel Barrel, Weight About 7¾ Lbs.	**$141.50**
No. 5R—(Factory No. 11E), 12 Gauge, Same Description as Above, but with **Solid Matted Rib Barrel**	**150.40**

Riot Gun, Hammerless, Take Down.

Stock 14 in. Long by 2½ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Walnut Stock, Plain Pistol Grip, Matted Receiver, Rubber Butt Plate, Cylinder Bored, Automatic Ejector, 5 Shots.

	Each
No. R0—(Factory No. 11R), 12 Gauge, 20 in. Blued Steel Barrel, Weight About 7½ Lbs.	**$55.50**

Single Barrel Repeating Shot Guns.

REMINGTON, MODEL 10

Standard Grade, Take Down, Hammerless.

Stock 13¾ in. Long by 2¾ in. at Heel and 1⅝ in. at Comb.

Pump Action, Walnut Pistol Grip Stock and Fore-Arm, Barrel Choke Bored, Rubber Butt Plate, Matted Receiver, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 74—(Factory No. 10A), 12 Gauge, 28 in. Remington Fluid Steel Barrel, Blued Finish, **Full or Modified Choke Bored,** Wt. About 7½ Lbs.	**$43.85**
No. 75—(Factory No. 10A), 12 Gauge, 30 and 32 in. Remington Fluid Steel Barrel, Blued Finish, **Full or Modified Choke Bored,** Weight About 7½ Lbs.	**43.85**

Cut Shows Matted Rib Barrel.

Standard Grade, Take Down, Hammerless, Solid Matted Rib.

Stock 13¾ in. Long by 2¾ in. at Heel and 1⅝ in. at Comb.

Pump Action, Walnut Pistol Grip Stock and Fore-Arm, Barrel **Full Choke or Modified Choke Bored,** Rubber Butt Plate, **Raised Solid Matted Rib,** Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 75R—(Factory No. 10A), 12 Gauge, 30 and 32 in. Remington Fluid Steel Barrel, Weight About 7½ Lbs.	**$58.75**

Full Choke Barrel will always be sent unless otherwise ordered.

Field Grade, Take Down, Hammerless.

Stock 13¾ in. Long by 2¾ in. at Heel and 1⅝ in. at Comb.

Pump Action, Walnut Pistol Grip Stock and Fore-Arm, Barrel Cylinder Bored, Rubber Butt Plate, Matted Receiver, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 76—(Factory No. 10A), 12 Gauge, 26 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7¼ Lbs.	**$43.85**

Trap Special Grade, Take Down, Hammerless.

Stock 14 in. Long by 2 in. at Heel and 1½ in. at Comb.

Pump Action, Selected American Walnut Straight Grip Stock, with Full Comb, Finely Checkered Stock and Fore-Arm, Rubber Butt Plate, Matted Barrel, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 77—(Factory No. 10S), 12 Gauge, 30 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7¾ Lbs.	**$63.70**

Expert Grade, Take Down, Hammerless.

Stock 14 in. Long by 2 in. at Heel and 1½ in. at Comb.

Solid Breech, Pump Action, Choicest Imported Walnut Stock, Handsomely Hand Checkered Stock and Fore-Arm, Handsome Deep Scroll Hand Engraving with Panel on Left Side of Receiver, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Silver Name Plate, 6 Shots.

	Each
No. 79—(Factory No. 10E), 12 Gauge, 30 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7½ Lbs.	**$127.85**

Premier Grade, Take Down, Hammerless.

Stock 13¾ in. Long by 2¾ in. at Heel and 1⅝ in. at Comb.

Solid Breech, Pump Action, Finest Circassian Walnut Stock, Handsomely Hand Checkered Stock and Fore-Arm, Beautiful Deep Scroll Hand Engraving on Receiver and Barrel, Game Panels, Rubber Butt Plate, Full Choke Bored, Automatic Ejector, Gold Name Plate, 6 Shots.

	Each
No. 80—(Factory No. 10F), 12 Gauge, 30 in. Remington Fluid Steel Barrel, Blued Finish, Weight About 7½ Lbs.	**$190.40**

Single Barrel Repeating Shot Guns.

WINCHESTER, MODEL 1912, HAMMERLESS.

12 GAUGE.

Stock 13¾ in. Long, 2½ in. Drop at Heel, 1 11/16 in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

Take Down, Plain Barrel.

	Each
No. 88 —12 Gauge, 26 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**$45.00**
No. 88M—12 Gauge, 26 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**45.00**
No. 89 —12 Gauge, 28 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**45.00**
No. 89M—12 Gauge, 28 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**45.00**
No. 90 —12 Gauge, 30 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**45.00**
No. 90M—12 Gauge, 30 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**45.00**
No. 91 —12 Gauge, 32 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**45.00**
No. 91M—12 Gauge, 32 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**45.00**

Take Down, Matted Rib.

	Each
No. 88R —12 Gauge, 26 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**$52.50**
No. 88MR—12 Gauge, 26 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**52.50**
No. 89R —12 Gauge, 28 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**52.50**
No. 89MR—12 Gauge, 28 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**52.50**
No. 90R —12 Gauge, 30 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**52.50**
No. 90MR—12 Gauge, 30 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**52.50**
No. 91R —12 Gauge, 32 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**52.50**
No. 91MR—12 Gauge, 32 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7¾ Lbs.	**52.50**

Tournament Grade, Take Down, Matted Rib.

Stock 14 in. Long, 1¾ in. Drop at Heel, 1 5/16 in. Drop at Comb.

Side Ejection, Checked Straight Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 92—12 Gauge, 30 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**$67.50**

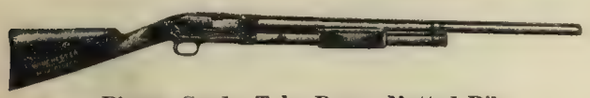
Trap Grade, Take Down, Matted Rib.

Stock 13⅞ in. Long, 1⅞ in. Drop at Heel, 1 5/16 in. Drop at Comb.

Side Ejecting, Checked Straight Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 93—12 Gauge, 30 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**$82.40**

12 GAUGE



Pigeon Grade, Take Down, Matted Rib.

Stock 13⅞ in. Long, 1⅞ in. Drop at Heel, 1 5/16 in. Drop at Comb.

Side Ejecting, Checked Straight Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 94—12 Gauge, 28 in. Nickel Steel Barrel, **Full Choke**, Weight About 7¾ Lbs.	**$157.40**

16 GAUGE

Stock 13⅝ in. Long, 2 7/16 in. Drop at Heel, 1 7/16 in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2 9/16 in. Shells, Holds 6 Shots.

Take Down, Plain Barrel.

	Each
No. 86—16 Gauge, 26 in. Nickel Steel Barrel, **Full Choke**, Weight About 6 Lbs.	**$45.00**
No. 87—16 Gauge, 26 in. Nickel Steel Barrel, **Modified Choke**, Weight About 6 Lbs.	**45.00**

Take Down, Matted Rib.

	Each
No. 86R—16 Gauge, 26 in. Nickel Steel Barrel, **Full Choke**, Weight About 6 Lbs.	**$52.50**
No. 87R—16 Gauge, 26 in. Nickel Steel Barrel, **Modified Choke**, Weight About 6 Lbs.	**52.50**

20 GAUGE

Nos. 55 and 56.

Take Down, Plain Barrel.

Stock 13⅝ in. Long, 2 7/16 in. Drop at Heel, 1 7/16 in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 55—20 Gauge, 25 in. Nickel Steel Barrel, **Full Choke**, Weight About 5¾ Lbs.	**$45.00**
No. 56—20 Gauge, 25 in. Nickel Steel Barrel, **Modified Choke**, Weight About 5¾ Lbs.	**45.00**

Single Barrel Repeating Shot Guns.

WINCHESTER, MODEL 1912, HAMMERLESS

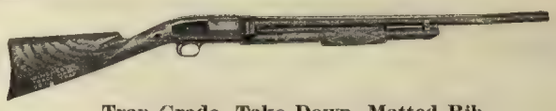
20 GAUGE

Take Down, Matted Rib.

Stock 13⅝ in. Long, 2 7/16 in. Drop at Heel, 1 7/16 in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock and Action Slide Handle, Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 55R—20 Gauge, 25 in. Nickel Steel Barrel, **Full Choke**, Weight About 5¾ Lbs.	**$52.50**
No. 56R—20 Gauge, 25 in. Nickel Steel Barrel, **Modified Choke**, Weight About 5¾ Lbs.	**52.50**



Trap Grade, Take Down, Matted Rib.

Stock 13¾ in. Long, 2⅛ in. Drop at Heel, 1½ in. Drop at Comb.

Side Ejecting, Checked Straight Grip, Selected Oil Finished Fancy Walnut Stock and Action Slide Handle, Checked Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 57—20 Gauge, 25 in. Nickel Steel Barrel, **Full Choke**, Weight About 6¼ Lbs.	**$82.40**

20 GAUGE

Pigeon Grade, Take Down, Matted Rib.

Stock 13¾ in. Long, 2⅛ in. Drop at Heel, 1½ in. Drop at Comb.

Side Ejecting, Checked Straight Grip, Selected Oil Finished Fancy Walnut Stock and Action Slide Handle, Checked Rubber Butt Plate, Chambered for 2½ in. Shells, Holds 6 Shots.

	Each
No. 58—20 Gauge, 25 in. Nickel Steel Barrel, **Full Choke**, Weight About 6¼ Lbs.	**$157.35**

WINCHESTER, MODEL 1897

Solid Frame.

Stock 13⅞ in. Long, 2⅜ in. Drop at Heel and 1¾ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock, Barrel Choke Bored, Rubber Butt Plate, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 62—12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7½ Lbs.	**$37.50**
No. 63—12 Gauge, 32 in. Rolled Steel Barrel, Weight About 8 Lbs.	**37.50**

The Above Solid Frame Shot Gun can be furnished in 12 Gauge Only.

WINCHESTER, MODEL 1897

Take Down.

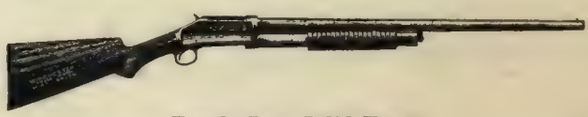
Stock 13⅞ in. Long, 2⅜ in. Drop at Heel and 1¾ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock, Barrel Choke Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 65—12 Gauge, 28 in. Rolled Steel Barrel, **Full or Modified Choke**, Weight About 7½ Lbs.	**$40.50**
No. 65—12 Gauge, 30 in. Rolled Steel Barrel, **Full or Modified Choke**, Weight About 7¾ Lbs.	**40.50**
No. 66—12 Gauge, 32 in. Rolled Steel Barrel, **Full or Modified Choke**, Weight About 8 Lbs.	**40.50**
No. 67—16 Gauge, 28 in. Rolled Steel Barrel, **Full Choke**, Weight About 7½ Lbs.	**40.50**

Nos. 65 and 66 will always be sent with Full Choke unless otherwise ordered.

Can Furnish Model 1897 with Model 1893 Stock, 13 in. Long by 2¾ in. at Heel and 1¾ in. at Comb.



Brush Gun, Solid Frame.

Stock 13 1/16 in. Long, 2 5/16 in. Drop at Heel and 1⅝ in. Drop at Comb.

Side Ejecting, Plain Pistol Grip, Walnut Stock, Barrel Cylinder Bored, Chambered for 2¾ in. Shells, Holds 5 Shots.

	Each
No. 160—12 Gauge, 26 in. Rolled Steel Barrel, Weight About 7 Lbs.	**$37.50**

The Winchester "Brush" Gun, as its name implies, is designed expressly for bird shooting in field and cover. It is particularly desirable for this kind of shooting, owing to its light weight and strong shooting qualities.

The magazine is shorter than that of the regular Model 1897 Shotgun, holding four instead of five cartridges.

Take Down, Brush Gun.

Stock 13 1/16 in. Long, 2 5/16 in. Drop at Heel and 1⅝ in. Drop at Comb.

Side Ejecting, Pistol Grip, Walnut Stock, Barrel Cylinder Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 68—12 Gauge, 26 in. Rolled Steel Barrel, Weight About 7¼ Lbs.	**$40.50**

The "Take Down" "Brush" Gun is made according to the same specifications as the regular "Brush" Gun, except it has a full length magazine, which increases the weight slightly.

Take Down, Trap Gun.

Side Ejecting, Straight Checkered Grip, Selected Walnut Stock, Matted Barrel, Rubber Butt Plate, Barrel Choke Bored, Chambered for 2¾ in. Shells, Holds 6 Shots.

	Each
No. 162—12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7¾ Lbs.	**$77.95**

The Standard Style Stock of No. 162 Trap Gun is 13¾ in. Long, has a Drop of 1 5/16 in. at Heel and 1 13/16 in. at Comb. Any Length or Drop furnished to order from factory without extra charge.

Single Barrel Repeating Shot Guns

WINCHESTER, MODEL 1897

Take Down, Tournament Gun.

Stock 14 in. Long, 1 13/16 in. Drop at Heel, 1 3/4 in. Drop at Comb.

Side Ejecting, Straight Checkered Grip, Selected Walnut Stock, Matted Barrel, Rubber Butt Plate, Barrel Choke Bored, Chambered for 2 3/4 in. Shells, Holds 6 Shots.

	Each
No. 166—12 Gauge, 30 in. Rolled Steel Barrel, Weight About 7 3/4 Lbs.	**$63.00**

Take Down, Pigeon Gun.

Stock 13 3/4 in. Long, 2 1/16 in. Drop at Heel, 1 1/16 in. Drop at Comb.

Side Ejecting, Straight Checkered Grip, Frame Elaborately Engraved, Selected Walnut Stock, Rubber Butt Plate, Barrel Choke Bored, Chambered for 2 3/4 in. Shells, Holds 6 Shots.

	Each
No. 165—12 Gauge, 28 in. Rolled Steel Matted Barrel, Weight About 7 3/4 Lbs.	**$150.00**

WINCHESTER, MODEL 1901

Lever Action, Solid Frame.

Stock 13 in. Long, 2 5/16 in. at Heel, 1 7/8 in. at Comb.

Walnut Stock, Plain Pistol Grip, Checkered Steel Butt Plate, Barrel Choke Bored, Chambered for 2 7/8 in. Shells, Holds 6 Shots.

	Each
No. 100—10 Gauge Only, 32 in. Rolled Steel Barrel, Weight About 8 3/4 Lbs.	**$45.00**

Note—The No. 100 Lever Action Shot Gun **Cannot** be Furnished in 12 or 16 Gauge.

STEVENS', (BROWNING'S PATENT)

Take Down.

Stock 13 3/4 in. Long, 2 5/8 in. at Heel, 1 5/8 in. at Comb.

Walnut Stock, Plain Pistol Grip, Rubber Butt Plate, Barrel Full Choke Bored, Chambered for 2 3/4 in. Shells, Holds 6 Shots.

	Each
No. 520-S—12 Gauge, 30 and 32 in. Stevens' Compressed Forged Steel Barrel, Weight About 7 3/4 Lbs.	**$40.00**

STEVENS', TRAP SHOOTER GRADE, (BROWNING'S PATENT)

Stock 14 in. Long, 2 1/4 in. at Heel, 1 1/2 in. at Comb.

Checkered Walnut Stock, Straight Grip, Rubber Butt Plate, Hollow Matted Rib, Drop Forged, Black Oxide Finish Receiver, Visible Locking Block, Safety Firing Pin, Barrel Full Choke Bored, Chambered for 2 3/4 in. Shells, Holds 6 Shots.

	Each
No. 522-S—12 Gauge, 30 in. Stevens' Compressed Forged High Pressure Steel Barrel, Bored for Nitro Powder, Weight About 7 3/4 Lbs.	**$66.60**

STEVENS'

Take Down.

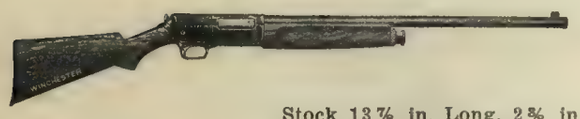
Stock 13 1/2 in. Long, 2 1/2 in. Drop.

Side Ejecting, Walnut Stock, Plain Pistol Grip, Rubber Butt Plate, Barrel Full Choke Bored, Chambered for 3 in. Shells, Holds 5 Shots.

	Each
No. 200-S—20 Gauge, 28 and 30 in. High Pressure Compressed Steel Barrel, Weight About 6 1/2 Lbs.	**$40.00**

Self-Loading Shot Guns.

WINCHESTER, MODEL 1911



Gun Taken Apart.

Stock 13 7/8 in. Long, 2 5/8 in. Drop at Heel, 1 5/8 in. Drop at Comb.
Walnut Stock, Pistol Grip, Rubber Butt Plate, Chambered for 2 3/4 in. Shells, Holds 5 Shots.

Take Down, Plain Barrel.

	Each
No. 170—12 Gauge, 26 in. Nickel Steel Barrel, **Full Choke**, Weight About 7 3/4 Lbs.	**$55.50**
No. 171—12 Gauge, 26 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7 3/4 Lbs.	**55.50**
No. 172—12 Gauge, 28 in. Nickel Steel Barrel, **Full Choke**, Weight About 7 3/4 Lbs.	**55.50**
No. 173—12 Gauge, 28 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7 3/4 Lbs.	**55.50**

Take Down, Matted Barrel.

	Each
No. 170M—12 Gauge, 26 in. Nickel Steel Barrel, **Full Choke**, Weight About 7 3/4 Lbs.	**$63.00**
No. 171M—12 Gauge, 26 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7 3/4 Lbs.	**63.00**
No. 172M—12 Gauge, 28 in. Nickel Steel Barrel, **Full Choke**, Weight About 7 3/4 Lbs.	**63.00**
No. 173M—12 Gauge, 28 in. Nickel Steel Barrel, **Modified Choke**, Weight About 7 3/4 Lbs.	**63.00**

No Readjustment Required for Different Loads—The Winchester Self-Loading Shot Gun will operate with complete certainty and safety with any properly loaded paper shell, from a "blank" to the maximum 12 gauge loads, either smokeless or black powder, such as loaded by this company, without the slightest change or adjustment. It requires no extra oiling to make it work with light loads nor the use of any additional parts to have it operate with heavy loads. It is a gun that requires no favoring. As it is often desirable to shift instantly from a heavy to a light load, sportsmen will welcome a recoil-operated shot gun with which this can be done without tinkering with the mechanism.

Nickel Steel Construction—The Barrel, Receiver, Magazine and all working parts of this gun throughout are made of Nickel Steel.

Repeating Rifles.

WINCHESTER, MODEL 1873

Plain Trigger, Steel Barrel, Full Magazine.

	Each
No. 200—32 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 8½ Lbs.	$23.10
No. 201—32 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 8¾ Lbs.	25.00
No. 202—38 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 8½ Lbs.	23.10
No. 203—38 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 8¾ Lbs.	25.00
No. 204—44 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 8½ Lbs.	23.10
No. 205—44 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 8¾ Lbs.	25.00

WINCHESTER, MODEL 1886

Take Down.

Half Magazine, Shot Gun Butt Stock, Rubber Butt Plate.

	Each
No. 209½—33 Caliber Center Fire Cartridge, 24 in. Round Nickel Steel Barrel, Wt. 7¾ Lbs.	$45.00

No. 209½ Rifles can be furnished only in 24 in. Round Barrel.

Solid Frame, Plain Trigger, Full Magazine, Blued Steel Barrel, Case Hardened Frame.

	Each
No. 212—38-70 Caliber Center Fire Cartridge, 26 in. Round Barrel, 8 Shots, Weight About 8½ Lbs.	$29.25
No. 213—38-70 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 8 Shots, Weight About 8¾ Lbs.	31.50
No. 214—40-65 Caliber Center Fire Cartridge, 26 in. Round Barrel, 9 Shots, Weight About 8½ Lbs.	29.25
No. 215—40-65 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 9 Shots, Weight About 8¾ Lbs.	31.50
No. 216—40-70 Caliber Center Fire Cartridge, 26 in. Round Barrel, 8 Shots, Weight About 8½ Lbs.	29.25
No. 218—40-82 Caliber Center Fire Cartridge, 26 in. Round Barrel, 8 Shots, Weight About 8½ Lbs.	29.25
No. 222—45-90 Caliber Center Fire Cartridge, 26 in. Round Barrel, 8 Shots, Weight About 8½ Lbs.	29.25
No. 223—45-90 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 8 Shots, Weight About 8¾ Lbs.	31.50

WINCHESTER, MODEL 1886

Solid Frame.

Half Magazine, Shot Gun Butt Stock, Rubber Butt Plate.

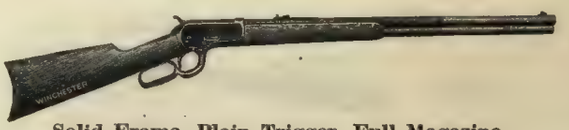
	Each
No. 209—33 Caliber Center Fire Cartridge, 24 in. Round Nickel Steel Barrel, 5 Shots, Weight About 7½ Lbs.	$37.50

Full Magazine, Shot Gun Butt Stock, Rubber Butt Plate.

	Each
No. 209F—33 Caliber Center Fire Cartridge, 24 in. Round Nickel Steel Barrel, 7 Shots, Weight About 8½ Lbs.	$37.50

Nos. 209 and 209F can be furnished only in 24 in. Round Barrel.

WINCHESTER, MODEL 1892



Solid Frame, Plain Trigger, Full Magazine.

	Each
No. 240—32 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 6¾ Lbs.	$23.10
No. 241—32 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 7 Lbs.	25.00
No. 242—38 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 6¾ Lbs.	23.10
No. 243—38 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 7 Lbs.	25.00
No. 244—44 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 6¾ Lbs.	23.10
No. 245—44 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 7 Lbs.	25.00
No. 246—25-20 Caliber Center Fire Cartridge, 24 in. Round Barrel, 14 Shots, Weight About 6¾ Lbs.	23.10
No. 247—25-20 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 7 Lbs.	25.00

Solid Frame, Half Magazine, Plain Pistol Grip and Fore-Arm, Shot Gun Stock, Rubber Butt Plate.

	Each
No. 247¼—25-20 Caliber Center Fire Cartridge, 24 in. Half Octagon Barrel, 5 Shots, Weight About 7 Lbs.	$29.50

Take Down, Plain Trigger, Full Magazine.

	Each
No. 247½—25-20 Caliber Center Fire Cartridge, 24 in. Octagon Barrel, 14 Shots, Weight About 7¼ Lbs.	$34.00

Repeating Rifles.

WINCHESTER, MODEL 1894

Solid Frame, Plain Trigger, Full Magazine.

		Each
No. 250	—32-40 Caliber Center Fire Cartridge, 26 in. Round Barrel, 9 Shots, Weight About 7¼ Lbs.	$23.10
No. 251	—32-40 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 9 Shots, Weight About 7½ Lbs.	25.00
No. 252	—38-55 Caliber Center Fire Cartridge, 26 in. Round Barrel, 9 Shots, Weight About 7¼ Lbs.	23.10
No. 253	—38-55 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 9 Shots, Weight About 7½ Lbs.	25.00
No. 254	—25-35 Caliber Center Fire Smokeless Cartridge, 26 in. Round Nickel Steel Barrel, 9 Shots, Weight About 7¼ Lbs.	29.50
No. 255	—25-35 Caliber Center Fire Smokeless Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight About 7¼ Lbs.	31.45
No. 256	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Round Nickel Steel Barrel, 9 Shots, Weight About 7¼ Lbs.	29.50
No. 257	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight About 7½ Lbs.	31.45
No. 259	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight About 7½ Lbs., with Shot Gun Stock, Plain Pistol Grip, Rubber Butt Plate.	35.25
No. 257¼	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Half Octagon Nickel Steel Barrel, 4 Shots, Weight About 7½ Lbs., Plain Straight Shot Gun Stock, Half Magazine	32.10
No. 259¼	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Half Octagon Nickel Steel Barrel, 4 Shots, Checkered Pistol Grip Stock and Fore-Arm, Shot Gun Butt, Half Magazine	38.50

Nos. 254, 255, 256, 257, 259, 257¼ and 259¼ Cannot be Furnished with Longer than 26 in. Barrels.

Take Down, Plain Trigger, Full Magazine, Rifle Stock.

		Each
No. 253½	—38-55 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 9 Shots, Weight About 7 Lbs.	$35.75
No. 257½	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight About 7½ Lbs.	37.85

No. 257½ Rifle Cannot be Furnished with Longer than 26 in. Barrel.

Take Down, Plain Trigger, Half Magazine, Rifle Stock.

		Each
No. 257¾	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Octagon Nickel Steel Barrel, 4 Shots, Weight About 7½ Lbs.	$38.50

Take Down, Half Magazine, Checkered Pistol Grip and Fore-Arm, Shot Gun Stock, Rubber Butt Plate.

		Each
No. 259½	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Half Octagon Nickel Steel Barrel, 5 Shots, Weight About 7½ Lbs.	$44.90

No. 259½ Rifles cannot be furnished with Longer than 26 in. Barrels.

WINCHESTER, MODEL 1894, SPECIAL

Solid Frame, Plain Trigger, Full Magazine.

		Each
No. 260	—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Round Nickel Steel Barrel, 9 Shots, Weight 7¾ Lbs.	$29.50
No. 261	—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight 7¾ Lbs.	31.45

Solid Frame, Plain Trigger, Half Magazine.

		Each
No. 261¼	—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Half Octagon Nickel Steel Barrel, Half Magazine, 4 Shots, Weight 7¼ Lbs., Plain Straight Shot Gun Stock, Rubber Butt Plate.	$32.10
No. 261¾	—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Half Octagon Nickel Steel Barrel, Half Magazine, 4 Shots, Weight 7¼ Lbs., Plain Pistol Grip and Fore-Arm, Shot Gun Butt, Rubber Butt Plate.	35.90

Take Down, Plain Trigger, Full Magazine.

		Each
No. 261½	—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight 7¾ Lbs.	$37.85

Take Down, Plain Trigger, Half Magazine, Shot Gun Butt.

		Each
No. 262	—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Half Octagon Nickel Steel Barrel, 5 Shots, Weight 7½ Lbs.	$38.50

Nos. 260, 261, 261½, 261¼ and 261¾ cannot be furnished with longer than 26 in. Barrels.

Model 1894 Rifles can be furnished with a Plain Shot Gun Stock, Rubber Butt Plate, without Extra Charge.

Carbines.

WINCHESTER, MODEL 1894

Full Magazine.

	Each
No. 2560—30-30 Caliber Center Fire Cartridge, 20 in. Round Nickel Steel Barrel, 7 Shots, Weight About 6½ Lbs.	**$26.90**
No. 2561—38-55 Caliber Center Fire Cartridges, 20 in. Round Barrel, 7 Shots, Weight About 6 Lbs.	**22.45**
No. 2562—32 Caliber Special Center Fire Cartridge, 20 in. Round Nickel Steel Barrel, 7 Shots, Weight About 6 Lbs.	**26.90**
No. 2563—32-40 Caliber Center Fire Cartridge, 20 in. Round Barrel, 7 Shots, Weight About 6 Lbs.	**22.45**
No. 2564—25-35 Caliber Center Fire Cartridge, 20 in. Round Nickel Steel Barrel, 7 Shots, Weight About 6 Lbs.	**26.90**

WINCHESTER, MODEL 1892

Full Magazine.

	Each
No. 2559—25-20 Caliber Center Fire Cartridge, 20 in. Round Barrel, 12 Shots, Weight About 5¾ Lbs.	**$22.45**
No. 2558—32 Caliber Winchester Center Fire Cartridge, 20 in. Round Barrel, 12 Shots, Weight About 5¾ Lbs.	**22.45**
No. 2557—44 Caliber Winchester Center Fire Cartridge, 20 in. Round Barrel, 12 Shots, Weight About 5¾ Lbs.	**22.45**

Repeating Rifles.

WINCHESTER, MODEL 1895

Plain Trigger, Box Magazine.

	Each
No. 288—30 U. S. Gov't **Model 1903** Center Fire Cartridges, 24 in. Round Nickel Steel Barrel, 6 Shots, Weight About 8¼ Lbs.	**$44.95**
No. 289—30 U. S. Gov't **Model 1906** Center Fire Cartridges, 24 in. Round Nickel Steel Barrel, 6 Shots, Weight About 8¼ Lbs.	**44.95**
No. 290—30-220 Caliber Center Fire Cartridge, 28 in. Round Nickel Steel Barrel, 6 Shots, Weight About 8¼ Lbs.	**44.95**
No. 298—35 Caliber Winchester Center Fire Cartridge, 24 in. Round Nickel Steel Barrel, 5 Shots, Weight About 8½ Lbs.	**44.95**
No. 295—38-72 Caliber Winchester Center Fire Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 8½ Lbs.	**36.40**
No. 299—405 Caliber Winchester Center Fire Cartridge, 24 in. Round Nickel Steel Barrel, 5 Shots, Weight About 8¼ Lbs.	**44.95**

Take Down, Plain Trigger.

	Each
No. 290½—30-220 Caliber Center Fire Cartridge, 28 in. Round Nickel Steel Barrel, 6 Shots, Weight About 8½ Lbs.	**$48.75**

Nos. 288, 289, 290, 298 and 299 Cannot be Furnished with Longer Barrels than Above Specified.

Model 1895 Winchester Repeating Rifles Cannot be Furnished with Pistol Grip Stocks.

Repeating Rifles.

WINCHESTER, MODEL 1890

"Take Down," Plain Trigger.

	Each
No. 230—22 Caliber Short Rim Fire Cartridge, 24 in. Octagon Barrel, 15 Shots, Weight About 5¾ Lbs.	**$20.50**
No. 231—22 Caliber Long Rim Fire Cartridge, 24 in. Octagon Barrel, 12 Shots, Weight About 5¾ Lbs.	**20.50**
No. 232—22 Caliber W. R. F. Cartridge, 24 in. Octagon Barrel, 10 Shots, Weight About 5¾ Lbs.	**20.50**

Note—The cartridges for Model 1890 Rifles will not interchange; the proper cartridge for the Rifle is marked on the top of each barrel. In ordering, select the cartridge you want to use.

WINCHESTER, MODEL 1906

Take Down, Extra Light Weight.

	Each
No. 234—22 Caliber Short, Long and Long Rifle R. F. Cartridge, 20 in. Round Barrel, Weight About 5 Lbs.	**$17.75**

The Winchester Model 1906 Rifle is fitted with a Sporting Front Sight and an Adjustable Open Rear Sight. The Stock is 12⅞ in. Long, Drop at Comb 1⅝ in., Drop at Heel 2⅜ in. Length over all 35¾ in.

Capacity of Magazine of No. 234, 15 Shot, 12 Long, or 11 Long Rifle Cartridges.

WINCHESTER AUTOMATIC, MODEL 1903

Take Down, Hammerless, Safety Catch.

	Each
No. 1903—22 Caliber Winchester Automatic, 20 in. Round Barrel, **Plain Walnut Stock and Fore-End,** Not Checkered, 10 Shots, Weight About 5¾ Lbs.	**$31.85**

Fancy Finished, Take Down, Hammerless, Safety Catch.

	Each
No. 1903F—22 Caliber Winchester Automatic, 20 in. Round Barrel, **Fancy Walnut Checked Pistol Grip Stock and Fore-End,** 10 Shots, Weight About 6 Lbs.	**$55.10**

Single Shot Rifles.

WINCHESTER

Plain Trigger, Steel Barrel, Plain Walnut Stock.

		Each
No. 270	—22 Caliber Short Rim Fire Cartridge, 24 in. Octagon Barrel, Weight About 6⅞ Lbs...	**$24.00**
No. 271	—22 Caliber Long Rim Fire Cartridge, 24 in. Octagon Barrel, Weight About 6⅞ Lbs...	**24.00**
No. 272	—25-20 Caliber Center Fire Cartridge, 28 in. Octagon Barrel, Weight About 7 Lbs.....	**24.00**
No. 276	—32-40 Caliber Center Fire Cartridge, 30 in. Octagon Barrel, Weight About 10 Lbs....	**24.00**
No. 277	—22 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, **Take Down**, Weight About 7 Lbs.....	**28.50**
No. 283	—38-73 Caliber Center Fire Cartridge, 28 in. Octagon Barrel, Weight About 8 Lbs.....	**24.00**
No. 284	—38-55 Caliber Center Fire Cartridge, 30 in. Octagon Barrel, Weight About 9½ Lbs...	**24.00**
No. 288-S	—40-82 Caliber Center Fire Cartridge, 30 in. Octagon Barrel, Weight About 9½ Lbs...	**24.00**

All 22 Caliber Single Shot Rifles will be furnished with a Bronzed Iron Cleaning Rod; other Calibers with a Slotted Hickory Rod.

Self-Loading Rifles.

WINCHESTER SELF-LOADING, MODEL 1905

Take Down.

		Each
No. 0532	—32 Caliber Winchester Self-Loading, 22 in. Round Barrel, Plain Pistol Walnut Stock and Fore-Arm, Not Checkered, 6 Shots, Weight About 7½ Lbs.....	**$39.00**
No. 0535	—35 Caliber Winchester Self-Loading, 22 in. Round Barrel, Plain Pistol Walnut Stock and Fore-Arm, Not Checkered, 6 Shots, Weight About 7½ Lbs.....	**39.00**

Magazines.

		Each
Extra Magazines—	Complete for 32 and 35 Caliber Self-Loading Rifles	**$2.25**

The Winchester Model 1905 Self-Loading Rifle is made with Blued Trimmings, and is fitted with Sporting Front and Rear Sights. The stock is 14 in. long and finished with a Rubber Butt Plate; drop at comb 1⅜ in., drop at heel 2¼ in., length over all 40 in.

The recoil of the exploded cartridge ejects the empty shell, cocks the hammer and feeds a fresh cartridge from the magazine into the chamber. The magazine is of the box type and holds five cartridges. By inserting a cartridge in the chamber before placing the loaded magazine in the gun, the operator can have six shots at his disposal. In using the Winchester Self-Loading Rifle it is absolutely necessary to pull the trigger for each shot, which places its operation as completely under the control of the operator as that of any repeating rifle.

Self-Loading Rifles.

WINCHESTER SELF-LOADING, MODEL 1907

"The Gun that Shoots Through Steel."

Take Down.

		Each
No. 5351	—351 Caliber High Power, 20 in. Round Nickel Steel Barrel, Plain Walnut Grip Stock and Fore-Arm, Not Checked, 6 Shots, Weight About 7¾ Lbs.....	**$42.00**

Magazines.

		Each
Extra Magazines—	For Model 1907 Self-Loading Rifles..	**$2.25**

The Winchester Model 1907 Self-Loading Rifle is equipped with Sporting Front and Rear Sights, but a Rear Peep Sight can also be used if desired. It measures in length over all 38 inches. The Pistol Grip Stock is finished with a Rubber Butt Plate, is 13⅞ inches long, and has a drop of 1¾ inches at the Comb and of 2¾ inches at the heel. Only 20 inch round nickel steel barrels can be furnished on these Rifles; but fancy Stocks, checked or unchecked, or Stocks of special dimensions, can be furnished at the same prices charged for such extras on other models.

The Mode of Operation is the same as that of the Model 1905.

The Rifle shoots a Cartridge of .351 Caliber, with 180 Grain Bullet, having a Muzzle Velocity of 1861 feet per second. It will penetrate a Steel Plate ¼ of an inch thick or twenty-six ⅞ inch dry Pine Boards, when used with Metal Patched Bullets; and thirteen ⅞ inch dry Pine Boards, when used with Soft Point Bullets.

WINCHESTER SELF-LOADING, MODEL 1910

Take Down.

		Each
No. 5401	—401 Caliber, 20 in. Round Nickel Steel Barrel, Plain Walnut Pistol Grip Stock and Fore-Arm, Not Checked, 5 Shots, Weight About 8¼ Lbs.....	**$44.95**

Magazines.

		Each
Extra Magazines—	For Model 1910 Self-Loading Rifles..	**$2.25**

The Winchester Model 1910 Self-Loading Rifle is equipped with Sporting Front and Rear Sights. It measures in length over all 38 inches. The Pistol Grip Stock, finished with a Rubber Butt Plate, is 13⅞ inches long and has a drop of 1¾ inches at the comb and of 2¾ inches at the heel. Only 20 inch Round Nickel Steel Barrels can be furnished on these Rifles, but fancy stocks, checked or unchecked, or stocks of special dimensions can be furnished at the same list price charged for such extras on other models.

The Model 1910 Rifle is loaded by recoil, it being only necessary to pull the trigger for each shot. The recoil of the exploded cartridge ejects the empty shell, cocks the hammer and feeds a fresh cartridge from the magazine into the chamber. This places the complete control of the rifle under the trigger and finger and makes it unnecessary to take the eye off the sights when shooting rapidly. A positive trigger lock, conveniently located in the trigger guard permits carrying the rifle at full cock with safety. The position of this lock can be readily determined either by sight or feeling. When the lock is off, it shows a red band as a warning.

Autoloading Rifles.

REMINGTON AUTOLOADING, MODEL 8

The Solid Breech which Guarantees Perfect Safety.

Take Down, Hammerless.

Box Magazine, Solid Breech, Straight Grip, Plain Walnut Stock, Shot Gun Butt, Rubber Butt Plate, Blued Finish.

	Each
No. 625—(Factory No. 8A), 25 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	**$51.10**
No. 630—(Factory No. 8A), 30 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	**51.10**
No. 632—(Factory No. 8A), 32 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	**51.10**
No. 635—(Factory No. 8A), 35 Remington Autoloading Cartridge, 22 in. Round Barrel, 5 Shots, Weight About 7¾ Lbs.	**51.10**

Note—Made with 22 in. Barrel Only.

This Rifle has a Box Magazine and is loaded with a Clip, the same as Modern Military Arms. The Magazine can also be loaded without Clip, and, unlike other automatically loaded Rifles, the Magazine does not have a strong spring, thereby making it easy and quick to load either with or without Clip. The empty shells are ejected from top of receiver by a spring, throwing them out softly and surely. After the last Cartridge has been fired the Bolt remains open ready to receive another Clip.

The Breech is Locked by a Turning Bolt which Locks close up against the Head of the Cartridge and remains Locked until the Recoil is Spent. The Breech is then automatically unlocked, the Empty Shell is Ejected and the Gun Reloaded, as in the latest designs of Military Rifles. This **reduces the Liability of Breaking Shells,** when firing, to a minimum, and gives great strength and security. Furthermore, this **Locked Breech allows the use of High Power Cartridges with perfect safety,** and this advantage over the other automatically loaded Rifles in which the **Breech Block is not Locked** at all, is at once apparent.

One of the most attractive features of this Rifle is that it is so designed that the Magazine can be charged by use of a Cartridge Clip. Each Clip holds five Cartridges, and as many as desired can be carried in the pocket, practically occupying no more space than the ammunition itself.

Cartridges in Clip.

CLIPS

	Each
Extra Clips	**$0.16**

The Clip is filled by inserting each cartridge separately in either end of Clip, at the same time pressing spring to allow flange on sides of clip to intersect the groove in head of cartridge. The cartridges are slid into the clip until full. Three clips are supplied with each Rifle without charge.

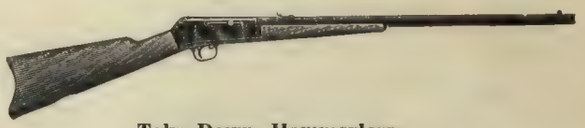
REMINGTON AUTOLOADING, MODEL 8

Take Down, Hammerless.

Box Magazine, Solid Breech, Straight Grip, Finest Circassian Walnut Stock and Fore-Arm, Handsomely Checkered, Beautiful Deep Scroll Hand Engraving on Receiver and Barrel, Rubber Butt Plate, Blued Finish, Gold Name Plate.

	Each
No. 635F—(Factory No. 8F), .35 Remington Autoloading Cartridge, 22 in. "Ordnance" Round Steel Barrel, 5 Shots, Weight About 7¾ Lbs.	**$200.00**

NEW REMINGTON AUTOLOADING, 22 CALIBER



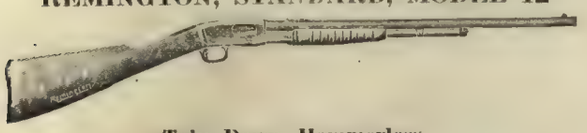
Take Down, Hammerless.

Tube Magazine, Solid Breech, Straight Grip, American Walnut Stock and Fore-Arm, Steel Rifle Butt Plate, Adjustable Straight Bar Rear Sight and White Metal Bead Front Sight.

	Each
No. A22—.22 Remington Autoloading Rim Fire Cartridge, 22 in. Remington Round Steel Barrel, Magazine Holds 15 Cartridges, Weight About 5¾ Lbs.	**Price on Application.**

Repeating Rifles.

REMINGTON, STANDARD, MODEL 12



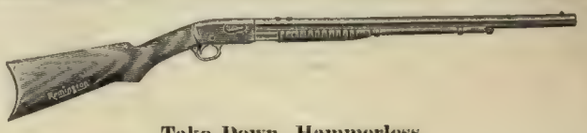
Take Down, Hammerless.

Solid Breech, Side Ejector, Straight Grip, Walnut Stock, Rubber Butt Plate.

	Each
No. 1—(Factory No. 12A), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 22 in. Round Barrel, Weight About 4½ Lbs.	**$19.45**

Magazine holds Fifteen .22 Short, Twelve .22 Long or Eleven Long Rifle Cartridges.

REMINGTON, GALLERY SPECIAL, MODEL 12



Take Down, Hammerless.

Solid Breech, Side Ejector, Pistol Grip, Walnut Stock, Steel Rifle Butt Plate.

	Each
No. 2—(Factory No. 12B), 22 Caliber Short Rim Fire Cartridge, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.	**$23.90**

Magazine holds Fifteen .22 Short Cartridges Only.

Repeating Rifles.

REMINGTON, TARGET, MODEL 12

Take Down, Hammerless.

Solid Breech, Side Ejector, Straight Grip, Walnut Stock, Steel Rifle Butt Plate.

Each

No. 3—(Factory No. 12C), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs..... **$23.90**

Magazine Holds Fifteen .22 Short, Twelve .22 Long or Eleven .22 Long Rifle Cartridges.

Each

No. 3RS—(Factory No. 12CS), .22 Winchester Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs..... **$23.90**

Magazine Holds Nine .22 Winchester Rim Fire Cartridges.

REMINGTON, PREMIER, MODEL 12

Premier Grade, Take Down, Hammerless.

Solid Breech, Side Ejector, Full Pistol Grip, Finest Circassian Walnut, Elaborately Checkered Stock and Fore-Arm, Fancy Scroll and Border Hand Engraving on Barrel and Receiver, Steel Rifle Butt Plate.

Each

No. 12F—(Factory No. 12F), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs.... **$106.15**

Magazine Holds Fifteen .22 Short, Twelve .22 Long or Eleven .22 Long Rifle Cartridges.

REMINGTON

Take Down, Hammerless.

Slide Action Repeating, Solid Breech, Straight Grip, American Walnut Stock, Shot Gun Style Rubber Butt Plate, Patented Quick Adjustable No. 1 Buckhorn Rear Sight. New Design Copper Bead Front Sight.

Each

No. 738 —38-40 Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs..... **$33.50**

No. 744 —44-40 Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs..... **33.50**

No. 738R—38-40 Caliber Carbine, 18½ in. Ordnance Steel Barrel, 6 Shots, Weight About 6 Lbs. **32.25**

No. 744R—44-40 Caliber Carbine, 18½ in. Ordnance Steel Barrel, 6 Shots, Weight About 6 Lbs. **32.25**

REMINGTON, PEERLESS, MODEL 12

Peerless Grade, Take Down, Hammerless.

Solid Breech, Side Ejector, Full Pistol Grip, Selected Imported Walnut Checkered Stock and Fore-Arm, Fine Scroll and Border Hand Engraving, Steel Rifle Butt Plate.

Each

No. 12D—(Factory No. 12D), 22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 24 in. Octagon Steel Barrel, Weight 5½ Lbs..... **$63.60**

Magazine Holds Fifteen .22 Short, Twelve .22 Long or Eleven .22 Long Rifle Cartridges.

REMINGTON, HIGH POWER

Take Down, Hammerless.

Pump Action High Power, Slide Action Repeating, Solid Breech, Half Pistol Grip, American Walnut Stock, Shot Gun Style Rubber Butt Plate, Patented Quick Adjustable No. 1 Buckhorn Rear Sight, New Design Copper Bead Front Sight.

Each

No. 725—25 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs..... **$36.65**

No. 730—30 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs..... **36.65**

No. 732—32 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs..... **36.65**

No. 735—35 Remington Caliber, 22 in. Ordnance Steel Barrel, 6 Shots, Weight About 6¾ Lbs..... **36.65**

REMINGTON, HIGH POWER REPEATING CARBINES

Take Down, Hammerless.

Pump Action, High Power, Slide Action Repeating, Solid Breech, Straight Grip, American Walnut Stock, Carbine Steel Butt Plate, Patented Quick-Adjustable Straight Bar Rear Sight, New Design Copper Bead Front Sight.

Each

No. 725R—25 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.... **$35.55**

No. 730R—30 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.... **35.55**

No. 732R—32 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.... **35.55**

No. 735R—35 Remington Caliber, 18½ in. Ordnance Steel Barrel, 6 Shots, Wt. About 6 Lbs.... **35.55**

ROSS, HIGH VELOCITY, MODEL 10

Scotch Deer-Stalking Pattern.

Straight Pull, High Velocity, Solid Breech, Full Checkered Pistol Grip, Selected Italian Walnut Stock, Ross Silver Bead Fore Sight, Single Leaf Rear Sight, Capacity of Magazine Four Cartridges.

Each

No. M10—.280 Caliber, 26 or 28 in. Steel Barrel, 4 Shots, Weight About 7 Lbs. 8 Oz..... **$95.50**

Note—In Ordering, be Sure to Specify Length of Barrel Desired.

Per 100

.280 Caliber, Copper Tube Expanding Bullet Cartridges, for Use with No. M10 Ross Rifles..... **$15.55**

.280 Caliber, Hard Nose Target Cartridges, for Use with No. M10 Ross Rifles..... **15.55**

The muzzle velocity of the Ross Rifle is over 3,100 feet per second, the bore is .280.

This Rifle embodies the greatest advance ever made at one step in increase of velocities. Experience shows that with the resulting flatness of trajectory it is unnecessary to judge the distance so long as you can see the animal clearly enough to aim at.

The killing-power is very great, greater than any other sporting or military rifle known, the muzzle energy being in point of fact over 3,150 foot pounds. The largest deer drop to the shot or become anchored no matter where they are hit.

Repeating Rifles

SAVAGE FEATHERWEIGHT, MODEL 1899. THE IMP

Take Down, Hammerless.

Solid Breech Bolt, High Pressure Steel Barrel, Shot Gun Style Stock, Rubber Butt Plate, with Wind Gauge Sight.

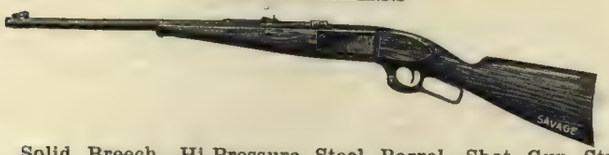
Each

No. 518-S—22 Caliber High Power Center Fire Cartridge, Round Tapered Barrel, 6 Shots, Weight About 6¼ Lbs. **$44.95**

The Velocity (2800 Feet Per Second) is 100 Feet Per Second Higher than the Velocity of the United States Springfield Magazine Rifle.

Its Trajectory is so Flat that it may be shot accurately up to 350 yards without changing from the point-blank adjustment of sights.

SAVAGE FEATHERWEIGHT, MODEL 1899, HAMMERLESS



Solid Breech, Hi-Pressure Steel Barrel, Shot Gun Style Stock, Rubber Butt Plate, with Wind Gauge Sight. Each

No. 512—303 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs. **$40.50**

No. 513—30-30 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs. **40.50**

No. 514—25-35 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs. **40.50**

SAVAGE FEATHERWEIGHT, MODEL 1899, TAKE DOWN, HAMMERLESS

Solid Breech Bolt, Hi-Pressure Steel Barrel, Shot Gun Style Stock, Rubber Butt Plate, with Wind Gauge Sight.

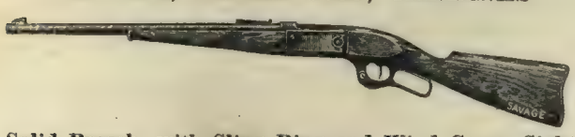
Each

No. 515—303 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs. **$44.95**

No. 516—30-30 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs. **44.95**

No. 517—25-35 Caliber C. F. Smokeless Cartridge, 20 in. Round Tapered Barrel, 6 Shots, Weight 6 Lbs. **44.95**

SAVAGE, MODEL 1899, CARBINES

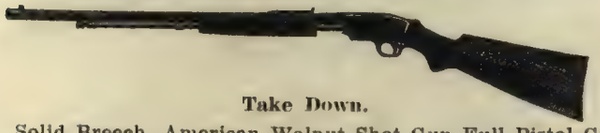


Solid Breech, with Sling Ring and Wind Gauge Sight.

No. 5000—303 Caliber Center Fire Cartridge, 20 in. Round Steel Barrel, 6 Shots, Weight 7¼ Lbs. **$33.85**

No. 5020—30-30 Caliber Center Fire Cartridge, 20 in. Round Steel Barrel, 6 Shots, Weight 7¼ Lbs. **33.85**

SAVAGE, MODEL 1914, HAMMERLESS



Take Down.

Solid Breech, American Walnut Shot Gun Full Pistol Grip Stock, Steel Butt Plate, Bead Front and Adjustable Wind Gauge Rear Sight. Each

No. X508—22 Caliber Short, Long or Long Rifle Cartridges, 24 in. Octagon Steel Barrel, Magazine Holds Twenty 22 Short, Seventeen 22 Long or Fifteen 22 Long Rifle Cartridges, Weight About 5¾ Lbs. **$21.65**

SAVAGE, MODEL 1899, HAMMERLESS

Solid Breech, with Wind Gauge Sight. Each

No. 500—303 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs. **$33.85**

No. 501—303 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs. **36.10**

No. 502—30-30 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs. **33.85**

No. 503—30-30 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs. **36.10**

No. 506—25-35 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs. **33.85**

No. 507—25-35 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs. **36.10**

No. 508—32-40 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs. **33.85**

No. 509—32-40 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs. **36.10**

No. 510—38-55 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7½ Lbs. **33.85**

No. 511—38-55 Caliber C. F. Smokeless Cartridge, 26 in. Octagon Barrel, 6 Shots, Weight About 7¾ Lbs. **36.10**

SAVAGE, MODEL 1899, HAMMERLESS

Take Down.

Solid Breech, with Wind Gauge Sight. Each

No. 519—25-35 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7¾ Lbs. **$38.30**

No. 520—303 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7¾ Lbs. **38.30**

No. 522—30-30 Caliber C. F. Smokeless Cartridge, 26 in. Round Barrel, 6 Shots, Weight About 7¾ Lbs. **38.30**

SAVAGE, MODEL 1903, HAMMERLESS

Take Down.

Solid Top, Side Ejection, Pistol Grip Stock. Each

No. X505—22 Caliber Short, Long, and 22 Caliber Long Rifle Cartridges, 24 in. Octagon Barrel, 7 Shots, Weight About 5¼ Lbs. **$21.65**

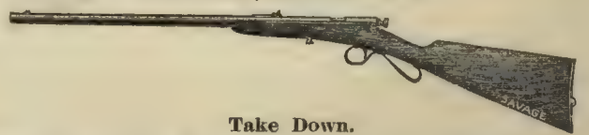
MAGAZINES

Each

Extra Magazines—Complete, for 22 Short, Long and Long Rifle Cartridges **$0.45**

Old Style and New Style Magazines cannot be interchanged. When ordering Magazine, please state Serial Number of Rifle.

SAVAGE, MODEL 1911



Take Down.

Bolt Action, Side Ejection, Full Form Genuine American Walnut Butt Stock, Shot Gun Steel Butt Plate. Each

No. X507—22 Caliber Short Rim Fire Cartridge, 20 in. Round Barrel, 20 Shots, Weight About 4 Lbs. **$11.10**

Repeating Rifles.

STEVENS', VISIBLE LOADING

Visible Loading, One Piece Magazine Tube and Breech Block, Case Hardened Frame, Varnished Stock and Handle, Rubber Butt Plate, Rocky Mountain Front and Sporting Rear Sight.

Each

No. 70—22 Caliber Short, Long and Long Rifle Rim Fire Cartridges, 20 in. Round Barrel.....**$12.75**

Magazine holds Fifteen 22 Short, Twelve 22 Long and Nine 22 Caliber Long Rifle Cartridges.

Marble's Game Getter Guns.

TARGET RIFLE OR PISTOL

Each

No. A—22 Caliber Rim Fire and 44 Caliber Center Fire Cartridges, 12 in. Round Blued Barrels, Drop Forged Blued Frame, Single Trigger, Rubber Grips, Nickeled Steel Tubing Stock, Weight 2¼ Lbs., Equipped with Marble's Flexible Rear Sight, Lock Leaf Sight and Ivory Bead Sight, Finest Case Leather Holster.....**$30.00**

No. B—As Above, without Flexible Rear Sight, but with Blank **25.00**

Construction and Uses.

Marble's Game Getter gun can be opened as quick as a wink, but never accidentally.

Either barrel is used without any change of sight or adjustment.

The Striker on Hammer is quickly set with the thumb for either barrel or at **Safe.** The Folding Stock locks automatically at any drop for which it is set. Is easily removed.

With the Holster hung over shoulder and under coat the **Game Getter** is invisible, but can be speedily drawn and very handily used in one hand with stock hanging down or thrown to position. In either place the stock only aids in the balance of the gun.

Marble's Game Getter is the ideal arm for Fisherman, Motorist and Vacationist, and all classes of people whose business or pleasure calls them to the woods, fields or waters.

Target Rifles.

SAVAGE, JUNIOR MODEL 1904, SINGLE SHOT

Take Down.

Each

No. 1904S—22 Caliber Short, Long and Long Rifle Rim Cartridge, 18 in. Round Steel Barrel, American Walnut Shot Gun Butt Stock, Weight About 3 Lbs.....**$6.35**

The Closing Knob Automatically Cocks the Rifle and after the Cartridge has been fired, the opening movement again automatically Ejects the Empty Shell.

SAVAGE, MODEL 1905, SINGLE SHOT

Style "C," Take Down.

Each

No. 1905C—22 Caliber Short, Long and Long Rifle Rim Fire Cartridge, 22 in. Heavy Round Steel Barrel, Shot Gun Butt Stock, Adjustable Rear Sight, Metal Bead Front Sight, Weight About 4¾ Lbs.....**$8.90**

SAVAGE, TARGET MODEL, SINGLE SHOT

Take Down.

Each

No. 1905S—22 Caliber Short, Long and Long Rifle Rim Fire Cartridge, 22 in. Heavy Round Steel Barrel, Swiss Butt Plate, Savage Micrometer Rear Sight, Ivory Bead Front Sight, Weight About 4¾ Lbs.....**$10.55**

These Rifles can be taken down easily by unscrewing the Thumb Screw underneath the Fore-Arm, which releases the barrel and action from the stock.

Target Rifles.

HOPKINS & ALLEN, TAKE DOWN

Solid Breech Block Action, Case Hardened Frame, Walnut Stock, Rubber Butt Plate.

Each

No. 722—22 Caliber, Shoots 22 Short or Long Rim Fire Cartridges, 20 in. Round Steel Barrel, Weight 3½ Lbs..... $5.00

Lever Action, Case Hardened Frame, Walnut Stock, Rubber Butt Plate, Sporting Front and Rear Sights.

Each

No. 822—22 Caliber, Shoots 22 Short or Long Rim Fire Cartridges, 22 in. Round Steel Barrel, Weight 4 Lbs..... $6.70

No. 832—32 Caliber, Shoots 32 Short Rim Fire Cartridges, 22 in. Round Steel Barrel, Weight 4 Lbs..... 6.70

When Hammer is against Firing Pin, the Hammer is Locked.

HOPKINS & ALLEN, TAKE DOWN

Lever Action, Rebounding Hammer, Case Hardened Frame, Solid Breech Block, Walnut Stock, Rubber Butt Plate, Rocky Mountain Step Rear and Sporting Front Sights.

Each

No. 922—22 Caliber, Shoots 22 Short or Long Rim Fire Cartridges, 24 in. Round Steel Barrel, Weight 5¼ Lbs..... $8.35

No. 932—32 Caliber, Shoots 32 Short Rim Fire Cartridges, 24 in. Round Steel Barrel, Weight 5¼ Lbs..... 8.35

WINCHESTER, MODEL 1904, SINGLE SHOT

Take Down.

Each

No. 1904W—22 Caliber Short or Long Rim Fire Cartridges, 21 in. Heavy Round Barrel, Bolt Action, Rebounding Lock, Adjustable Rear Sight, Bead Front Sight, Highly Finished Schuetzen Shaped Butt Stock, Blued Steel Rifle Butt Plate, Weight 4 Lbs..... $8.90

WINCHESTER, MODEL 1902, SINGLE SHOT

Take Down.

Each

No. 1902W—22 Caliber Short or Long Rim Fire Cartridges, 18 in. Round Steel Barrel, Plain Trigger, Scroll Trigger Guard, Open Front and Peep Rear Sight, Polished Stock, Blued Steel Butt Plate, Weight About 3 Lbs..... $6.35

HAMILTON, TAKE DOWN

Hammer Action, Solid Breech Block, Polished Walnut Stock, Front Knife and Open Rear Adjustable Sights.

Each

No. 27H—22 Caliber, 16 in. Tapered Blued Steel Barrel, Shoots 22 Short and Long Rim Fire Cartridges, Length Over All 30 in., Weight 2½ Lbs..... $2.45

HAMILTON, TAKE DOWN

Hammer Action, Solid Breech Block, Handsomely Finished and Turned Genuine Walnut Stock and Fore-Arm, Front Knife and Open Rear Adjustable Sights.

Each

No. 027H—22 Caliber, 16 in. Tapered Blued Steel Barrel, Shoots 22 Short and Long Rim Fire Cartridges, Length Over All 30 in., Weight 2¾ Lbs..... $2.80

STEVENS' LITTLE SCOUT

Each

No. 14½—22 Caliber Rim Fire Short, Long or Long Rifle Cartridge, 18 in. Round Barrel, Open Rear and German Silver Knife Edge Front Sights, Weight 2¾ Lbs..... $3.90

All the working parts of this Rifle can be easily taken out by simply removing the stock from the barrel, which is attached with a thumb screw. The action is attached to the barrel and the breech block drops down when a cartridge is to be inserted or an empty shell extracted.

Target Rifles

STEVENS' CRACK SHOT

Take Down.
Lever Action, Blued Steel Frame.

	Each
No. 26—22 Caliber Rim Fire Short, Long or Long Rifle Cartridges, 18 in. Round Steel Barrel, Walnut Stock and Fore-Arm, Carbine Butt Plate, Knife Blade Front and Open Rear Sights, Weight 3¼ Lbs., **Specially Designed for Smokeless Powder Ammunition**	**$5.00**
No. 26½—Same Description as No. 26, but **Smooth Bore for Shot Cartridges**	**5.00**

STEVENS' MARKSMAN

Take Down,

Lever Action, Blued Steel Frame.

	Each
No. 12—22 Caliber Rim Fire Short, Long or Long Rifle Cartridge, 20 in. Round Tip-Up Steel Barrel, Walnut Stock and Fore-Arm, Shot Gun Butt, Rubber Butt Plate, Bead Front and Open Rear Sights, Weight 4 Lbs	**$6.70**

Especially Designed for Smokeless Powder Ammunition.

STEVENS' FAVORITE

Take Down.

Lever Action, Solid Breech Block, Case Hardened Frame. Oiled Walnut Shot Gun Stock and Fore-Arm, Regular Shot Gun Rubber Butt, Rocky Mountain Front and Stevens' Leaf Sights.

	Each
No. 17—22 Caliber, 22 in. Half Octagon Barrel, Weight 4¼ Lbs.	**$8.35**
No. 17—25 Caliber, 22 in. Half Octagon Barrel, Weight 4¼ Lbs.	**8.35**
No. 17—32 Caliber, 22 in. Half Octagon Barrel, Weight 4¼ Lbs.	**8.35**
No. 20—22 Caliber, 22 in. Half Octagon Barrel, Weight 4¼ Lbs., **Smooth Bore for Shot Cartridges**	**8.35**

Take Down.

Lever Action, Solid Breech Block, Case Hardened Frame. Oiled Walnut Shot Gun Stock and Fore-Arm, Regular Shot Gun Rubber Butt, Rocky Mountain Front and Stevens' Leaf Sights.

	Each
No. 27—22 Caliber, 24 in. Full Octagon Barrel, Weight 4½ Lbs.	**$8.90**

Take Down.

Lever Action, Solid Breech Block, Case Hardened Frame. Oiled Walnut Shot Gun Stock and Fore-Arm, Regular Shot Gun Rubber Butt, Graduated Peep Open Rear and Beach Front Sights.

	Each
No. 18—22 Caliber, 22 in. Half Octagon Barrel, Weight 4½ Lbs.	**$13.55**
No. 18—25 Caliber, 22 in. Half Octagon Barrel, Weight 4½ Lbs.	**13.55**

Take Down.

Solid Breech Block, Case Hardened Frame.

Oiled Walnut Shot Gun Stock and Fore-Arm, Regular Shot Gun Rubber Butt, Lyman Combination Rear and Beach Front Sights.

	Each
No. 19—22 Caliber, 22 in. Half Octagon Barrel, Weight 4½ Lbs.	**$14.45**
No. 19—25 Caliber, 22 in. Half Octagon Barrel, Weight 4½ Lbs.	**14.45**

The "Favorite" cannot be supplied to use Center Fire Cartridges. It is made for the .22 Long Rifle, .25 Stevens, and .32 Long Rim Fire Cartridges. The Short and Long Rim Fire Cartridges and Conical Bullet Caps can be used with good results in Rifles chambered for the .22 Long Rifle Cartridges. B. B. Caps and Shot Cartridges should never be used in .22 Caliber Rifle Barrels unless specified for same.

STEVENS' IDEAL SPORTING AND GALLERY

Take Down.

Case Hardened Frame, Oiled Walnut Stock and Fore-Arm, Rifle Butt Plate, Rocky Mountain Front and Sporting Rear Sights.

	Each
No. 44—22 Caliber, 22 Rim Fire, 24 in. Half Octagon Barrel, Weight 7¼ Lbs.	**$15.90**
No. 44—22 Caliber, 22 Rim Fire, 26 in. Half Octagon Barrel, Weight 7¾ Lbs.	**17.75**
No. 44—25 Caliber, 25 Stevens' Rim Fire, 24 in. Half Octagon Barrel, Weight 7¼ Lbs.	**15.90**
No. 44—25 Caliber, 25 Stevens' Rim Fire, 26 in. Half Octagon Barrel, Weight 7¾ Lbs.	**18.90**
No. 44—25-20 Caliber, 25-20 Stevens' C. F., 28 in. Half Octagon Barrel, Weight 7¾ Lbs.	**18.90**

"BOY SCOUT" RIFLE

Solid Frame.

Oil Finished Selected Walnut Stock and Fore-Arm, Front and Rear Sights, Equipped with Oak Leather Sling Straps, Bayonet, Scabbard, Stacking Swivel, Etc.

	Each
No. 4-S—22 Caliber Short Cartridges, 28 in. Round Remington Steel Barrel, 43 in. Long Over All, Weight 5 Lbs.	**$13.35**

Target Rifles.

REMINGTON, NEW MODEL

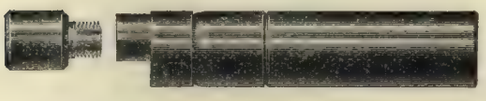
Take Down.

	Each
No. 6—22 Caliber, 20 in. Tapered Decarbonized Steel Barrel, Open Front and Rear Peep Sight, Shoots 22 Short, Long and Long Rifle Rim Fire Cartridges, C. B. and B. B. Caps, Weight About 3¾ Lbs.	**$5.60**
No. 06—32 Caliber, 20 in. Tapered Decarbonized Steel Barrel, Open Front and Rear Peep Sights, Shoots 32 Caliber Rim Fire Cartridges, Weight About 3¾ Lbs.	**5.60**

Take Down, Automatic Ejector.

	Each
No. 4—22 Caliber, 22½ in. Tapered Octagon Steel Barrel, Open Sights, Shoots 22 Short, Long and Long Rifle Rim Fire Cartridges, Weight About 4¼ Lbs.	**$9.50**
No. 14R—32 Caliber, 24 in. Tapered Octagon Steel Barrel, Open Sights, Shoots 32 Short or Long Rim Fire Cartridges, Weight About 4¼ Lbs.	**9.50**

Maxim Silencers.



Complete with Coupling.

	Each
Maxim Silencer—For 22 Caliber Rifles, Weight About 5 Oz.	**$8.35**

Can be fitted to any 22 Caliber Rifle in a few minutes. Annuls entirely the concussion and report noise and reduces recoil over two-thirds.

When Ordering, Specify Make and Model of Rifle.

Air Rifles.

LITTLE DAISY POP GUN

Nickel Plated Steel Barrel.

	Per Dozen
No. 40—15 in. Long Over All, Walnut Stock, Shoots a Cork and Makes a Loud Noise with Absolutely no Danger, Weight 7 Oz.	**$3.55**

Air Rifles.

DAISY ASSORTMENT

	Per Assortment
Daisy Assortment—Consists of 19 Daisy Air Rifles and One Target, as Enumerated Below.	**$24.15**

Contents of Assortment:

			Retail Value
1 No. B3, Special	@	$2.50 Each..	$2.50
2 No. 45, 1,000 Shot	@	2.00 Each..	4.00
2 No. 44, 500 Shot	@	1.75 Each..	3.50
2 No. 43, Repeaters	@	1.25 Each..	2.50
2 No. 42, Single Shot	@	1.00 Each..	2.00
2 No. 41, Little Daisy	@	.50 Each..	1.00
2 No. 14, Big Daisy Pop	@	.50 Each..	1.00
6 No. 40, Little Daisy Pop	@	.25 Each..	1.50
1 No. 21, Target and 100 Cards			.50

Total Retail Value, $18.50

One Assortment in a Box, Complete with Handsome Lithographed Display Card.

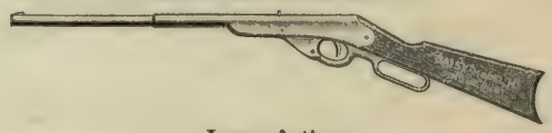
Weight Per Assortment About 39 Pounds.

LITTLE DAISY SINGLE SHOT

Nickel Plated Steel Barrel.

	Per Dozen
No. 41—29 in. Long Over All, Walnut Stock, Shoots Only BB Shot, Weight 1 Lb. 2 Oz.	**$8.90**

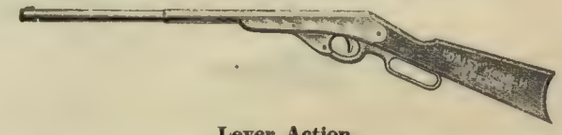
DAISY SINGLE SHOT



Lever Action.

	Per Dozen
No. 42—31 in. Long Over All, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots Darts and BB Shot, Weight 1 Lb. 11 Oz.	**$15.00**

DAISY REPEATER, 350 SHOT

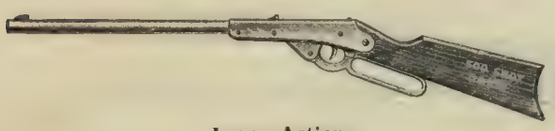


Lever Action.

	Per Dozen
No. 43—32 in. Long Over All, Nickel Plated Steel Barrel, Walnut Stock, Shoots Darts and BB Shots, Magazine Holds 350 Shots and Loads Automatically, Weight 1 Lb. 8 Oz.	**$20.00**

Air Rifles.

DAISY, 500 SHOT



Lever Action.

Per Dozen

No. 44—33 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots BB Shot, Magazine Holds 500 Shots and Loads Automatically, Weight 2 Lbs. 7 Oz. **$26.65**

DAISY, 1,000 SHOT

Lever Action.

Per Dozen

No. B3—36 in. Long, Blued Barrel and Frame, Walnut Stock, Steel Butt Plate, Shoots BB Shot, Magazine Holds 1,000 Shots and Loads Automatically, Weight 2 Lbs. 9 Oz. **$40.00**

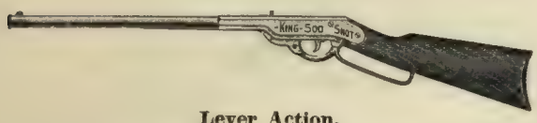
KING JUNIOR

Single Shot.

Per Dozen

No. 51—29 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots Only BB Shot, Weight 1 Lb. 2 Oz. **$8.90**

KING, 500 SHOT



Lever Action.

Per Dozen

No. 54—34 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots BB Shot, Magazine Holds 500 Shots and Loads Automatically, Weight 2 Lbs. 4 Oz. **$26.65**

Air Rifle Darts.

Per Gross

No. 17—Darts for Daisy and King Air Rifles **$3.35**

Weight Per Dozen About ¼ Ounce.

One Dozen in a Package, One Gross in a Box.

DAISY, 1,000 SHOT

Lever Action.

Per Dozen

No. 45—36 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Steel Butt Plate, Shoots BB Shot, Magazine Holds 1,000 Shot and Loads Automatically, Weight 2 Lbs. 9 Oz. **$30.00**

DAISY, PUMP REPEATER

Pump Action, Take Down Model.

Per Dozen

No. 46—38 in. Long, Non-Rusting Gun Blue Steel Barrel and Frame, Hand Polished Genuine Black Walnut Stock, Adjustable Sights, Front and Rear, Shoots BB Shot, Magazine Holds 1,000 Shots and Loads Automatically, Weight 3 Lbs. 4 Oz. **$55.50**

Operates by pulling the slide towards the stock. Fires rapidly from the shoulder, the magazine having a forced feed.

KING

Lever Action.

Per Dozen

No. 52—**Single Shot**, 31 in. Long, Nickel Plated Steel Barrel and Frame, Black Walnut Stock, Shoots Darts and BB Shot, Weight 1 Lb. 8 Oz. **$15.00**

No. 53—**Repeater**, 31 in. Long, Nickel Plated Steel Barrel and Frame, Walnut Stock, Shoots Darts and BB Shot, Magazine Holds 350 BB Shot and Loads Automatically, Weight 1 Lb. 8 Oz. **20.00**

KING, 1,000 SHOT

Lever Action.

Per Dozen

No. 55—36 in. Long, Nickel Plated Steel Barrel and Frame, Black Walnut Stock, Shoots BB Shot, Magazine Holds 1,000 Shots and Loads Automatically, Weight 2 Lbs. 8 Oz. **$30.00**

Air Rifle Targets.

DAISY

Steel.

Per Dozen

No. 21—6x7 in., Nickel Plated, with Nickel Plated Gong, Gong Rings when Bull's-Eye is Hit, Complete with 100 Record Cards **$8.90**

Weight Per Dozen About 50 Pounds.

Revolvers.

HARRINGTON & RICHARDSON ARMS CO.'S

YOUNG AMERICA, HAMMER

Double Action, **Small Frame**, Nickel Plated, Rubber Stock.

	Each
No. 202—22 Caliber, Rim Fire, 2 in. Barrel, 7 Shots	**$3.25**
No. 302—32 Caliber, Rim Fire, 2 in. Barrel, 5 Shots	**3.25**
No. 212—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	**3.25**

Weight Each About ½ Pound.

VEST POCKET SAFETY, HAMMER

Double Action, Rubber Stock.

Nickel Plated.

	Each
No. 292—22 Caliber, Rim Fire, 1⅛ in. Barrel, 7 Shots	**$3.25**

Blued.

	Each
No. 292B—22 Caliber, Rim Fire, 1⅛ in. Barrel, 7 Shots	**$3.80**

Weight Each About ½ Pound.

H. & R. PREMIER, HAMMER

Automatic Shell Ejector, Double Action, Rubber Stock.

Nickel Plated.

	Each
No. 722—22 Caliber, Rim Fire Short or Long and S. & W. Long Cartridges, 3 in. Barrel, 7 Shots	**$6.00**
No. 732—32 Caliber, S. & W. Center Fire Cartridges, 3 in. Barrel, 5 Shots	**6.00**

Weight Each About ¾ Pound.

DOUBLE ACTION, HAMMER

Double Action, Nickel Plated, Rubber Stock.

	Each
No. 252—32 Caliber, C. F., 2½ in. Barrel, 6 Shots	**$3.25**
No. 252½—32 Caliber, C. F., 4½ in. Barrel, 6 Shots	**3.80**
No. 252¾—32 Caliber, C. F., 6 in. Barrel, 6 Shots	**4.35**
No. 258—38 Caliber, C. F., 2½ in. Barrel, 5 Shots	**3.25**
No. 258½—38 Caliber, C. F., 4½ in. Barrel, 5 Shots	**3.80**
No. 258¾—38 Caliber, C. F., 6 in. Barrel, 5 Shots	**4.35**

Weight Each About 1 Pound.

H. & R. BICYCLE, HAMMER

Automatic Shell Ejector, Double Action, Rubber Stock, Shoots S. & W. Center Fire Cartridges.

Nickel Plated.

	Each
No. 735—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	**$6.00**

Blued.

	Each
No. 735B—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	**$6.35**

Weight Each About ½ Pound.

H. & R. PREMIER, HAMMER, WITH TARGET GRIP

Automatic Shell Ejector, Double Action, Rubber Stock.

Blued.

	Each
No. 722BG—22 Caliber, Rim Fire, 6 in. Barrel, 7 Shots	**$8.55**

Nickel Plated.

	Each
No. 732G—32 Caliber, S. & W. Center Fire Cartridges, 4 in. Barrel, 5 Shots	**7.35**

Weight Each About 1 Pound.

YOUNG AMERICA, SAFETY

Double Action, Nickel Plated, Rubber Stock, Shoots S. & W. Center Fire Cartridges.

	Each
No. 222—32 Caliber, C. F., 2 in. Barrel, 5 Shots	**$3.25**

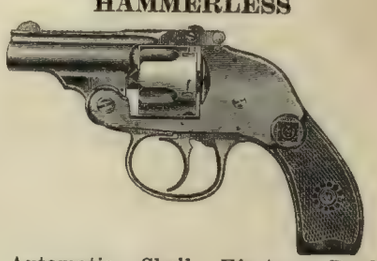
AMERICAN SAFETY

Shoots S. & W. Center Fire Cartridges.

	Each
No. 282—32 Caliber, C. F., 2½ in. Barrel, 6 Shots	**$3.25**
No. 282½—32 Caliber, C. F., 4½ in. Barrel, 6 Shots	**3.80**
No. 288—38 Caliber, C. F., 2½ in. Barrel, 5 Shots	**3.25**
No. 288½—38 Caliber, C. F., 4½ in. Barrel, 5 Shots	**3.80**

Weight Each About 1 Pound.

H. & R. BICYCLE, HAMMERLESS



Automatic Shell Ejector, Double Action, Rubber Stock, Shoots S. & W. Center Fire Cartridges.

Nickel Plated.

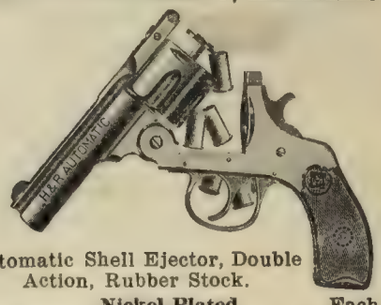
	Each
No. 749—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	**$7 00**

Blued.

	Each
No. 749B—32 Caliber, Center Fire, 2 in. Barrel, 5 Shots	**$7.35**

Weight Each About ½ Pound.

H. & R. AUTOMATIC, HAMMER



Automatic Shell Ejector, Double Action, Rubber Stock.

Nickel Plated.

	Each
No. 242—32 Caliber, C. F., 3¼ in. Barrel, 6 Shots	**$6.00**
No. 242½—32 Caliber, C. F., 4 in. Barrel, 6 Shots	**6.55**
No. 248—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**6.00**
No. 248½—38 Caliber, C. F., 4 in. Barrel, 5 Shots	**6 55**

Blued.

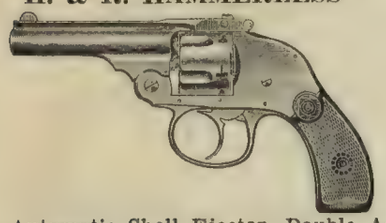
	Each
No. 242B—32 Caliber, C. F., 3¼ in. Barrel, 6 Shots	**$6.55**
No. 248B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**6.55**

Weight Each About ¾ Pound.

Revolvers.

HARRINGTON & RICHARDSON ARMS CO.

H. & R. HAMMERLESS



Automatic Shell Ejector, Double Action, Rubber Stock.

Nickel Plated.

	Each
No. 740—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	**$6.90**
No. 742—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**6.90**
No. 748—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**6.90**

Blued.

	Each
No. 740B—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	**$7.45**
No. 742B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**7.45**
No. 748B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**7.45**

Weight Each About ¾ Pound.

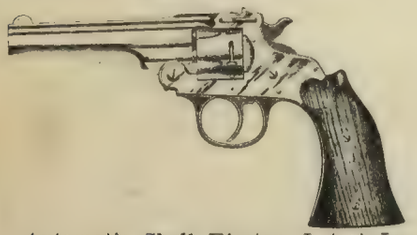
H. & A. SAFETY, HAMMER

Double Action, Rebounding Hammer, Wood Stock, Shoots S. & W. Center Fire Cartridges.

Nickel Plated.	Each
No. 482—32 Caliber, C. F., 2½ in. Barrel, 6 Shots	**$3.35**
No. 488—38 Caliber, C. F., 2½ in. Barrel, 5 Shots	**3.35**

Weight Each About ½ Pound.

H. & A. SAFETY POLICE, HAMMER



Automatic Shell Ejector, Latest Improved Safety Hammer and Barrel Catch, Triple Action, Shoots S. & W. Center Fire Cartridges.

Nickel Plated, Walnut Army Grip.

	Each
No. 432½G—32 Caliber, C. F., 4 in. Barrel, 5 Shots	**$11.70**
No. 438½G—38 Caliber, C. F., 4 in. Barrel, 5 Shots	**11.70**
Blued, Walnut Army Grip.	**Each**
No. 432½BG—32 Caliber, C. F., 4 in. Barrel, 5 Shots	**$12.25**
No. 438½BG—38 Caliber, C. F., 4 in. Barrel, 5 Shots	**12.25**

Weight Each About 1 Pound.

H. & R. AUTOMATIC HAMMER WITH TARGET GRIP

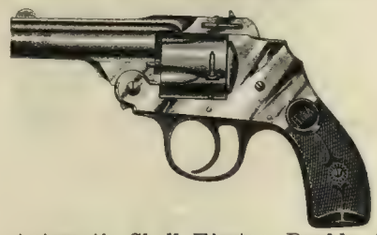
Automatic Shell Ejector, Double Action, Rubber Stock, Nickel Plated.

	Each
No. 242½G—32 Caliber, Center Fire, 4 in. Barrel, 6 Shots	**$7.45**
No. 248½G—38 Caliber, Center Fire, 4 in. Barrel, 5 Shots	**7.45**

Weight Each About 1 Pound.

HOPKINS & ALLEN ARMS CO.'S

H. & A. HAMMERLESS



Automatic Shell Ejector, Double Action, Wood Stock. Shoots S. & W. Center Fire Cartridges.

Nickel Plated.	Each
No. 442—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**$10.00**
No. 448—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**10.00**
Blued.	**Each**
No. 442B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**$10.55**

Weight Each About ¾ Pound.

H. & A. HAMMER

Forehand Model.

Automatic Shell Ejector, Rebounding Hammer, Rubber Stock. Shoots S. & W. Center Fire Cartridges.

Nickel Plated.	Each
No. 462—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**$5.75**
Blued.	**Each**
No. 462B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**$6.10**

Weight Each About ⅞ Pound.

HOPKINS & ALLEN ARMS CO.'S

H. & A. HAMMER

Double Action, Rebounding Hammer, Nickel Plated, Wood Stock. Shoots S. & W. Center Fire Cartridges.

	Each
No. 452—32 Caliber, Center Fire, 2½ in. Barrel, 5 Shots	**$3.35**
No. 458—38 Caliber, Center Fire, 2½ in. Barrel, 5 Shots	**3.35**

H. & A., MODEL XL

	Each
No. 402—22 Caliber, Rim Fire Cartridges, 7 Shots, Double Action, Nickel Plated, Wood Handle	**$3.35**
No. 412—32 Caliber, S. & W. Center Fire Cartridges, 5 Shots, Double Action, Nickel Plated, Wood Handle	**3.35**

Weight Each About ½ Pound.

H. & A. SAFETY POLICE, HAMMER

Automatic Shell Ejector, Latest Improved Safety Hammer and Barrel Catch, Triple Action. Shoots S. & W. Center Fire Cartridges.

Nickel Plated, Wood Stock.

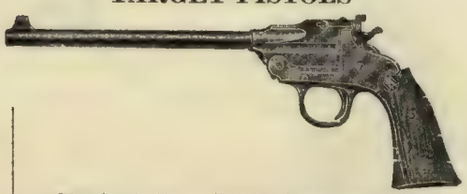
	Each
No. 432—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**$8.90**
No. 438—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**8.90**

Blued, Wood Stock.

	Each
No. 432B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	**$9.45**
No. 438B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	**9.45**

Weight Each About ¾ Pound.

H. & A. SINGLE SHOT, TARGET PISTOLS



Single Action, Safety Hammer, Wood Stock. Shoots 22 Caliber Rim Fire Cartridges.

Nickel Plated.

	Each
No. 400—22 Caliber, Rim Fire, 10 in. Barrel, Single Shot	**$16.10**

Weight Each About 2 Pounds.

Revolvers.

IVER JOHNSON ARMS & CYCLE WORKS

I. J., HAMMER

Non-Ejector, Double Action, Rubber Stock.

Nickel Plated.	Each
No. 602—22 Caliber, Rim Fire, 2½ in. Barrel, 7 Shots	$3.70
No. 603—32 Caliber, Rim Fire, 2½ in. Barrel, 5 Shots	3.70

Weight Each About ½ Pound.

I. J., HAMMERLESS

Automatic Shell Ejector, Double Action, Rubber Stock, Shoots S. & W. Center Fire Cartridges.

Nickel Plated.	Each
No. 642—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$10.00
No. 648—32 Caliber, C. F., 3¼ in. Barrel, 5 Shots	10.00
Blued.	**Each**
No. 642B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$10.55
No. 648B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	10.55

Weight Each About ¾ Pound.

COLT'S POLICE POSITIVE

Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 800—32 Caliber, C. F., 4 in. Barrel, Nickel Plated, 6 Shots	$26.65
No. 801—32 Caliber, C. F., 4 in. Barrel, Blued, 6 Shots	26.65
No. 802—32 Caliber, Police Positive, C. F., 4 in. Barrel, Nickel Plated, 6 Shots	26.65
No. 803—32 Caliber, Police Positive, C. F., 4 in. Barrel, Blued, 6 Shots	26.65
No. 804—38 Caliber, Police Positive, C. F., 4 in. Barrel, Blued, 6 Shots	26.65

Nos. 800 and 801 Shoot 32 Caliber Colt's and 32 Caliber Long Colt's Cartridges only.

Nos. 802 and 803 Shoot 32 Caliber Colt's Police Positive and 32 Caliber Police Positive Gallery Load Cartridges.

No. 804 Shoots 38 Caliber Police Positive Cartridges.

Weight Each About 1 Pound.

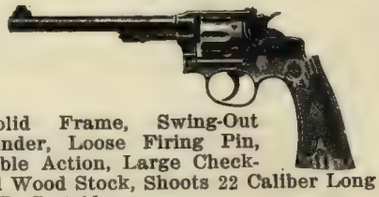
I. J., SAFETY HAMMER

Automatic Ejector, Double Action, Rubber Stock.

Nickel Plated.	Each
No. 622—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	$8.90
Blued.	**Each**
No. 622B—22 Caliber, Rim Fire, 3 in. Barrel, 7 Shots	$9.45

Weight Each About ¾ Pound.

SMITH & WESSON HEAVY FRAME TARGET, MODEL 1911



Solid Frame, Swing-Out Cylinder, Loose Firing Pin, Double Action, Large Checkered Wood Stock, Shoots 22 Caliber Long R. F. Cartridges.

Blued.	Each
No. 121B—22 Long Rifle Caliber, 6 in. Barrel, 6 Shots	$38.85

Weight Each About 1½ Pounds.

COLT'S POCKET POSITIVE

Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 811—32 Caliber, 3½ in. Barrel, Blued, 6 Shots, Wt. Each About 1 Lb.	$24.45
No. 812—32 Caliber, 6 in. Barrel, Blued, 6 Shots, Weight Each About 1½ Lbs.	24.45

Shoots Colt's C. F. Short and Long Cartridges.

COLT'S POLICE POSITIVE SPECIAL

Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 809—32-20 Caliber, C. F., 4 in. Barrel, Blued, 6 Shots	$26.65
No. 810—38 Caliber, C. F., 4 in. Barrel, Blued, 6 Shots	26.65

No. 809 Shoots 32-20 Caliber C. F. Rifle Cartridges.

No. 810 Shoots 38 Short, 38 Long Colt's, 38 Colt's Special and 38 S. & W. Special C. F. Cartridges.

Weight Each About 1 Pound.

I. J., SAFETY HAMMER

Automatic Shell Ejector, Double Action, Rubber Stock. Shoots S. & W. Center Fire Cartridges.

Nickel Plated.	Each
No. 632—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$ 8.90
No. 632½—32 Caliber, C. F., 4 in. Barrel, 5 Shots	9.45
No. 632¾—32 Caliber, C. F., 6 in. Barrel, 5 Shots	10.55
No. 638—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	8.90
Blued.	**Each**
No. 632B—32 Caliber, C. F., 3 in. Barrel, 5 Shots	$ 9.45
No. 632½B—32 Caliber, C. F., 4 in. Barrel, 5 Shots	10.00
No. 638B—38 Caliber, C. F., 3¼ in. Barrel, 5 Shots	9.45

Weight Each About 1 Pound.

I. J., SAFETY HAMMER, WESTERN WALNUT GRIP

Automatic Shell Ejector, Double Action, **Western Walnut Grip.**

Nickel Plated.	Each
No. 652G—32 Caliber, S. & W. Long or 32 Colt New Police, 4 in. Barrel, 6 Shots	$11.10

Shoots 32 Caliber S. & W. Long or 32 Colt New Police C. F. Cartridges.

	Each
No. 638G—38 Caliber, 4 in. Barrel, 5 Shots	11.10

Shoots 38 Caliber S. & W. C. F. Cartridges.

Weight Each About 1 Pound.

Blued.	Each
No. 622BG—22 Caliber, Rim Fire, 6 in. Barrel, 7 Shots	$12.75

Shoots 22 Caliber Short and Long Rim Fire Cartridges.

Weight Each About 1½ Pounds.

	Each
No. 652BG—32 Caliber, S. & W. Long or 32 Colt New Police, 4 in. Barrel, 6 Shots	$11.65

Shoots 32 Caliber S. & W. Long or 32 Colt New Police C. F. Cartridges.

	Each
No. 638BG—38 Caliber, 4 in. Barrel, 5 Shots	$11.65

Shoots 38 Caliber S. & W. C. F. Cartridges.

Weight Each About 1 Pound.

Revolvers.

COLT'S PATENT FIRE ARMS MFG. CO.'S

POLICE POSITIVE TARGET

Jointless Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 807—22 Caliber Short or Long, Rim Fire, 6 in. Barrel, Blued, 6 Shots	**$28.85**
No. 806—22 Caliber W. R. F., Rim Fire, 6 in. Barrel, Blued, 6 Shots	**28.85**

No. 807 Shoots 22 Caliber Short or Long Rim Fire Cartridges.

No. 806 Shoots 22 Caliber W. R. F. Rifle Cartridges only.

Weight Each About 1½ Pounds.

OFFICERS' MODEL

Jointless Solid Frame, Simultaneous Ejector, Double Action, Checked Walnut Stock.

	Each
No. 814—38 Caliber, C. F., 6 in. Barrel, Blued, 6 Shots, Wt. Each About 1½ Lbs	**$35.55**
No. 815—38 Caliber, C. F., 7½ in. Barrel, Blued, 6 Shots, Wt. Each About 2 Lbs	**35.55**

Nos. 814 and 815 Shoot 38 Caliber Colt Special and 38 Caliber S. & W. C. F. Cartridges.

ARMY SPECIAL

Jointless, Solid Frame, Simultaneous Ejector, Double Action, Rubber Stock.

	Each
No. 816—38 Caliber, C. F., 4 in. Barrel, Blued, 6 Shots	**$28.85**
No. 817—38 Caliber, C. F., 6 in. Barrel, Blued, 6 Shots	**28.85**
No. 818—32-20 Caliber, C. F., 4 in. Barrel, Blued, 6 Shots.	**28.85**
No. 819—32-20 Caliber, C. F., 6 in. Barrel, Blued, 6 Shots.	**28.85**
No. 820—41 Caliber, C. F., 6 in. Barrel, Blued, 6 Shots	**28.85**

Nos. 816 and 817 Shoot 38 Caliber Short and Long Colt's, 38 S. & W. Special C. F. Cartridges. Nos. 818 and 819 Shoot 32-20 Caliber Winchester C. F. Rifle Cartridges. No. 820 Shoots 41 Caliber Short and Long Colt's Cartridges.

Weight Each About 1½ Pounds.

Pistols.

H. & R. AUTOMATIC SELF-LOADING, POCKET MODEL

25 Caliber, Rimless, Smokeless.

	Each
No. 225—25 Caliber, 2 in. Barrel, Blued, 6 Shots, Rubber Stock, Weight 12½ Oz., Length Over All 4½ in.	**$17.80**

MAGAZINES Each

Extra Magazines—For H. & R. 25 Caliber Self-Loading Pocket Model Automatic Pistol. **$1.00**

Shoots Colt's Automatic, Center Fire Rimless, Smokeless Cartridges.

COLT'S AUTOMATIC POCKET MODEL

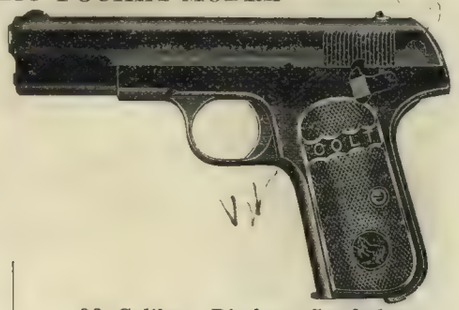
25 Caliber, Rimless, Smokeless.

	Each
No. 25—25 Caliber, 2 in. Barrel, Blued, 6 Shots, Rubber Stock, Weight 13 Oz., Length Over All 4½ in.	**$22.25**

MAGAZINES Each

Extra Magazines—For Colt's 25 Caliber Pocket Model Automatic Pistols **$1.00**

Shoots Colt's Automatic Center Fire Rimless, Smokeless Cartridges.



32 Caliber, Rimless, Smokeless.

	Each
No. 32—32 Caliber, 3¾ in. Barrel, Blued, 8 Shots, Rubber Stock, Weight 23 Oz., Length Over All 6¾ in.	**$28.85**

MAGAZINES Each

Extra Magazines—For Colt's 32 Caliber Pocket Model Automatic Pistols **$1.25**

Shoots Colt's Automatic Center Fire Rimless, Smokeless Cartridges.

The action of these Pistols are automatic, except that the trigger must be pulled to fire each shot, the cartridges b supplied from a detachable magazine inserted in the handle of the pistol.

COLT'S AUTOMATIC POCKET MODEL

380 Caliber, Rimless, Smokeless.

	Each
No. 380—380 Caliber, 3¾ in. Barrel, Blued, 7 Shots, Rubber Stock, Weight 23 Oz., Length Over All 6¾ in.	**$33.35**

MAGAZINES Each

Extra Magazines—For Colt's 380 Caliber Pocket Model Automatic Pistols **$1.45**

Shoots Colt's Automatic, Center Fire, Rimless, Smokeless Cartridges.

Pocket Model, 38 Caliber, Rimless, Smokeless.

	Each
No. 38—38 Caliber, 4½ in. Barrel, Blued, 7 Shots, Rubber Stock, Weight 32 Oz., Length Over All 7½ in.	**$37.75**

MAGAZINES Each

Extra Magazines—For Colt's 38 Caliber Pocket Model Automatic Pistols **$1.70**

Shoots Colt's Automatic, Center Fire, Rimless, Smokeless Cartridges.

The action of these Pistols are automatic except that the Trigger must be pulled to fire each shot, the cartridges being supplied from a detachable Magazine inserted in the Handle of the Pistol.

GOVERNMENT MODEL

45 Caliber.

	Each
No. 45—45 Caliber, 5 in. Barrel, Blued, 7 Shots, Checkered Walnut Stock, Weight 39 Oz.	**$41.10**

MAGAZINES Each

Extra Magazine—For Colt's 45 Caliber Government Model Automatic Pistols **$2.00**

In this Model the slide remains open after firing the last cartridge. When reloading the arm in this position insert the magazine, then press downward the slide stop. The slide goes forward inserting a cartridge without any movement of the slide by hand. The slide stop is operated by the thumb of the hand holding the Pistol.

Pistols.

SAVAGE AUTOMATIC

Pocket Model.
Rimless, Smokeless.

Each

No. 32-S—32 Caliber, 4 in. Barrel, Blued, 10 Shots, Rubber Stock, Weight 19 Oz., Length Over All 6½ in...**$27.75**

Shoots 32 Caliber Rimless Savage and Colt's Smokeless Cartridge.

Each

No. 038—380 Caliber, 4½ in. Barrel, Blued, 10 Shots, Rubber Stock, Weight 21 Oz., Length Over All 7 in..**$28.90**

Shoots 380 Caliber Rimless Savage and Colt's Smokeless Cartridges.

MAGAZINES

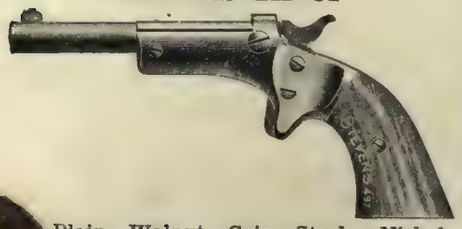
Each

Extra Magazines—For Savage 32 Caliber Pocket Model Automatic Pistol **$0.90**

Extra Magazines—For Savage 380 Caliber Pocket Model Automatic Pistol ..... .90

Target Pistols.

STEVENS' TIP-UP



Plain Walnut Grip Stock, Nickel ated Frame, Open Sights.

Each

. 10—22 Caliber, 3½ in. Half Octagon Barrel, Blued, Shoots 22 Short Rim Fire Cartridges, Weight 7 Oz.....**$4.45**

Liquid Pistols.

WIZARD

Nickel Plated.

Per Dozen

Wizard—5 in. Long, Substantially Made, Fires and Recharges by Pulling the Trigger.....**$6.70**

Extra Bulbs—For Wizard Liquid Pistols..... **1.90**

Weight Per Dozen About 6 Pounds.

SAVAGE AUTOMATIC

Pocket Model.
Rimless, Smokeless.

Each

No. 32H—32 Caliber, 4 in. Barrel, Blued, 10 Shots, Spur Hammer, Rubber Stock, Weight 19 Oz., Length Over All 6½ in.....**$27.75**

Shoots 32 Caliber Rimless Savage and Colt's Smokeless Cartridges.

MAGAZINES

Each

Extra Magazines—For Savage 32 Caliber Pocket Model Automatic Pistols **$0.80**

Target Pistols.

STEVENS' DIAMOND MODEL

Long Plain Walnut Grip Stock, Nickel Plated Frame.

Each

No. 1—22 Caliber, 6 in. Half Octagon Barrel, Blued, with Globe Front and Peep Rear Sights, Shoots 22 Long Rifle Rim Fire Cartridges, Weight 10 Oz.....**$7.25**

No. 2—22 Caliber, 6 in. Half Octagon Barrel, Blued, Open Sights, Shoots 22 Long Rifle Rim Fire Cartridges, Weight 10 Oz..... **7.25**

LUGER AUTOMATIC

Velocity of Bullet 1,150 Feet.

Each

No. 30—7.65 M/M or 30 Caliber Cartridges, Soft Point or Full Metal Patched Bullet, 4⅝ in. Steel Barrels, 8 Shots, Walnut Stock.....**$53.30**

Weight Each About 2 Pounds.

Target Pistols.

STEVENS' OFF-HAND TARGET

Walnut Stock, Single Trigger, Octagon Breech, Sporting Rear Bead Sight.

Each

No. 34—22 Caliber, 6 in. Round Barrel, Shoots 22 Caliber Rim Fire Cartridges, Weight 1 Lb. 6 Oz.....**$11.10**

No. 34—22 Caliber, 8 in. Round Barrel, Shoots 22 Caliber Rim Fire Cartridges, Weight 1 Lb. 8 Oz..... **12.80**

No. 35—25 Caliber, 6 in. Round Barrel, Shoots 25 Caliber Stevens' Rim Fire Cartridges, Weight 1 Lb. 6 Oz. **11.10**

No. 35—25 Caliber, 8 in. Round Barrel, Shoots 25 Caliber Stevens' Rim Fire Cartridges, Weight 1 Lb. 8 Oz. **12.80**

Cannons.

WINCHESTER BREECH LOADING

For Saluting and Celebrating.

Each

No. 1—10 Gauge, 12 in. Cylinder Bored Blued Steel Barrel, Cast Iron Frame, Length Over All 17 in., Height 7¼ in., Width 7 in., Weight About 14 Lbs.....**$11.10**

Per 100

No. 1000—Blank Shells, 10 Gauge, 8 Drams of Powder.**$3.65**

The Cannon is mounted on a cast iron carriage, which is supplied with two 3⅝ in. diameter wheels. The barrel and breech closure are proved and tested to withstand much greater pressure than can be developed by any charge of black powder that can be loaded in a 10 gauge shell. The carriage and wheels are nicely japanned.

Rifle Sights.

IVORY BEAD FRONT

Each
No. 3—Lyman's Ivory Bead Front Sight **$1.45**

IVORY BEAD JACK FRONT

Each
No. 24—Lyman's Ivory Bead Jack Front Sights, for Winchester Model 1895, 30 Caliber Rifle..... **$0.75**

No. 32—Lyman's Ivory Bead Semi-Jack Front Sight, for Winchester Model 1895, 30 Cal. Rifle..... .75

IVORY HUNTING FRONT

Each
No. 4—Lyman's Ivory Hunting Front Sight **$0 75**

IVORY JACK FRONT

Each
No. 20—Ivory Jack Front Sights, a Good Sight for Quick Shooting.. **$1.45**

COMBINATION IVORY FRONT

As used with Ivory.

As used with Globe.

Each
No. 5—Lyman's Combination Front Sights **$1.45**

IVORY BEAD SIGHT

Each
No. 26—Lyman's Ivory Bead Front Sights, for Winchester Model 1895, 30 Caliber Rifle..... **$0.75**

IVORY SEMI-JACK FRONT

Each
No. 28—Lyman's Ivory Semi-Jack Front Sights **$1.45**

KING TRIPLE BEAD FRONT

Each
King—$\frac{1}{4}$ in. Hard Rubber Bead, Ivory Gold and Black..... **$2.25**
Can be changed instantly to suit all conditions of weather, light and background. Three separate sights, all on the rifle at one time.

PATENT LEAF REAR

Both Leaves Folded Down.

Using the Straight Bar.

Using the Crotch.

Each
No. 6—Lyman's Patent Leaf Rear Sights to Replace Ordinary Rear Sights **$1.45**
One Leaf is a Bar with a Triangular Ivory Center, the other is a Wide Open V Crotch.

Each
No. 6R—Lyman's Patent Leaf Rear Sights for Remington Autoloading Rifles **$2.15**

One Leaf is a Bar with a Triangular Ivory Center, the other is a Wide Open V Crotch.

SLOT BLANKS

Each
No. 12—Slot Blanks to Fill Rear Slot **$0.36**

MARBLE'S FRONT

Each
No. 15—Marble's Improved Front Sights, $\frac{1}{8}$ or $\frac{1}{4}$ in. Ivory..... **$1.12**
Object can be seen under as well as above bead. Allows long distance shooting without changing sights.

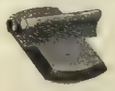
SPORTING FRONT

Each
No. W7—Sporting Front Sights..... **$0.47**

MARBLE'S REVERSIBLE

Each
No. 30—Marble's Reversible Standard Front Sights, $\frac{1}{8}$ or $\frac{1}{4}$ in. Ivory and Gold Beads..... **$1.70**
When ordering specify Make and Caliber of Rifle and Size of Beads.

EXPRESS FRONT



Each
No. W3—Winchester Express Front Sights **$0.75**

ADJUSTABLE LEAF

No. 95—Marble's Adjustable Leaf Sights ..... **$1.**

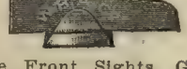
BEACH COMBINATION FRONT

As used Open.

As used with Globe.

Each
No. W2—Beach Combination Front Sights..... **$1.50**

KNIFE BLADE



Each
No. W6½—Knife Blade Front Sights, German Silver, for Winchester Rifle, Model 1890..... **$0.75**

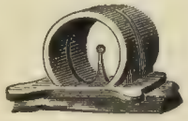
WINCHESTER, MODEL 1890

Each
No. W18—Rear Sights for Winchester Model 1890 Rifles Only. **$0.90**

ROCKY MOUNTAIN FRONT

Each
No. W6¼—Rocky Mountain Front Sights, Knife Edge..... **$0.75**

GLOBE



Each
No. W4—Globe Front Sights, Interchangeable Discs..... **$1.90**

WINCHESTER EXPRESS REAR

Each
No. W13—Winchester Express Rear Sights..... **$2.25**

Rifle Sights.

KING SPORTING REAR

Each

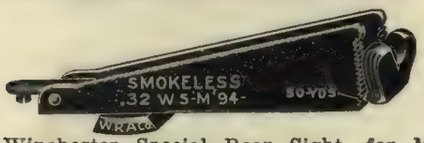
No. 010—For 22 Caliber Repeating Rifles and Winchester Carbines $2.25

SPORTING REAR

Each

No. 10—Sporting Rear Sight, for Models '86, '92 and '94 Winchester Repeating Rifles and Model 1899 Savage Rifles $1.20

WINCHESTER SPECIAL REAR



Each

No. W24—Winchester Special Rear Sight, for Model 1894, 32 Special Winchester Rifles Only.... $5.50

SAVAGE

Each

No. 14—For Savage Model 1899 Rifles, All Calibers.... $1.50

FLAT TOP SPORTING REAR

Each

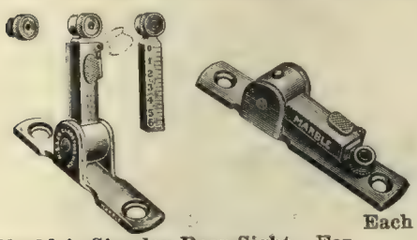
No. W12—Flat Top Sporting Rear Sights..... $1.20

SAVAGE MICROMETER WIND GAUGE AND TARGET

Each

No. 021—For Savage Model 1899, Winchester, Marlin and All Other Rifles Having Rear Slot on Barrel $3.00

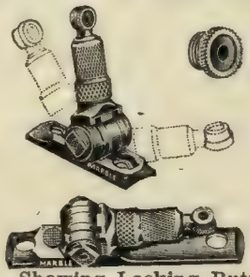
MARBLE'S SIMPLEX REAR



Each

Marble's Simplex Rear Sight—For 22 Caliber Winchester Rifles Only, with One Large and One Small Aperture Disc... $2.00

MARBLE'S FLEXIBLE REAR



Showing Locking Button.

Each

No. M20—Marble's Flexible Rear Sight $4.00

COMBINATION REAR

Each

No. 1A — Lyman's Combination Rear Sights, for Winchester and Marlin Rifles..... $4.25

When Ordering, Give Make, Model and Caliber of Rifle.

COMBINATION REAR

With Cup Disc. Each

No. 2—Lyman's Combination Rear Sights, with Cup Disc, for Match and Gallery Rifles. $5.00

LYMAN RECEIVER

For Auto-Loading Rifles.

Each

No. 41—Lyman Receiver Rear Sights, for Winchester Models 1905, 1907 and 1910 and Remington Auto Loading Rifles $6.40

LYMAN RECEIVER

Each

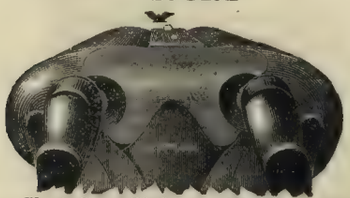
No. 21—Lyman Receiver Rear Sights $5.00

The Lyman Receiver Sight is intended for Rifles having a long firing bolt, like the Model 1895 Winchester, which prevents the use of the Combination Rear Sight. Can furnish this Sight for Models '86, '92, '94 and '95 Winchester, and Model '93 and '95 Marlin Rifles.

When Ordering Sights, Mention Make, Model, Caliber of Rifle, and whether Rifle has Straight or Pistol Grip.

Shot Gun Sights.

IVORY

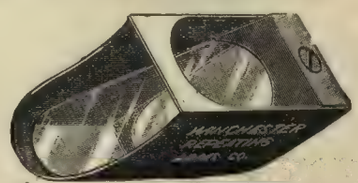


Per Set

No. 9—Ivory Shot Gun Sights, with Reamers..... $1.45

The engraving gives the appearance of the sights when aiming at a straight-way bird. The elevation of the gun is right, but the rear sight shows that the gun is out of line, which would not be discovered if these sights were not used. This system is a great help both in field and at the trap.

Barrel Reflectors.



Each

No. 100—Barrel Reflector for Examining the Inside of Gun Barrels $1.00

Directions: Withdraw the Breech-Block. Place the glass on top of the Carrier, the Mirror toward the Chamber. Hold the Muzzle of the Gun toward the light, and the inside of the Barrel will be seen reflected in the Mirror. Also adapted to the Springfield Musket. Not adapted to Model 1890 Winchester Rifles. **When ordering specify Model of Rifle.**

Metallic Cartridges.

EITHER WINCHESTER, REMINGTON–U. M. C., OR U. S. MAKE

BULLET BREECH CAPS

Per 1000

22 Caliber, Round Ball, Smokeless Powder.....$4.00

Adapted to Flobert and other Gallery Rifles.

Weight Per Case 45 Pounds.

100 in a Box, 10,000 in a Case.

Per 1000

22 Caliber, Conical Ball, Smokeless Powder.....$4.50

Adapted to Flobert and all 22 Caliber Rim Fire Single Shot Rifles and Pistols.

Weight Per Case 56 Pounds.

RIM FIRE

Per 1000

22 Caliber, Short, Lesmok Powder $5.00

Adapted to Revolvers and Rifles of this Caliber.

Weight Per Case 65 Pounds.

Per 1000

22 Caliber, Short, Lesmok Powder, **Hollow Point Bullet** $5.50

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 63 Pounds.

Per 1000

22 Caliber, Short, **Spot Light**, Lesmok Powder, **Hollow Point Bullet** $6.50

When the Bullet Hits the Target, it Emits a Bright Flash or Light About the Size of a Silver Dollar, whica "Spots" the Shot.

Adapted to Revolvers and Rifles of this Caliber

50 in a Box, 10,000 in a Case.

Weight Per Case 65 Pounds.

Per 1000

22 Caliber, Short, **Smokeless Powder, Greaseless Bullet** $6.25

22 Caliber, Short, **Smokeless Powder, Greased Bullet**.. 6.25

Adapted to Revolvers and Rifles of this Caliber.

22 Short Smokeless Cartridges will be Regularly Supplied with Greaseless Bullets if orders do not specify.

50 in a Box, 10,000 in a Case.

Weight Per Case 65 Pounds.

Per 1000

22 Caliber, Short, **Spot Light, Smokeless Powder, Greased Bullet** $8.00

When the Bullet Hits the Target it Emits a Bright Flash or Light About the Size of a Silver Dollar, which "Spots" the Shot.

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 65 Pounds.

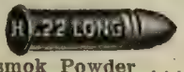
Per 1000

22 Caliber, Short, **Smokeless Powder, Hollow Point Greased Bullet**.....$6.75

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 63 Pounds.



Per 1000

22 Caliber, Long, Lesmok Powder $6.00

22 Caliber, Long, **Smokeless Powder, Greaseless Bullet** 7.50

Adapted to Revolvers, Repeating and Single Shot Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 80 Pounds.

Per 1000

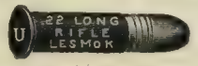
22 Caliber, Long, **Lesmok Powder, Hollow Point Bullet**.$6.50

22 Caliber, Long, **Smokeless Powder, Hollow Point Bullet** 8 00

Adapted to Revolvers, Repeating and Single Shot Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 76 Pounds.



Per 1000

22 Caliber, Long Rifle, Lesmok Powder $6.00

22 Caliber, Long Rifle, **Smokeless Powder, Greaseless Bullet** 7.50

Adapted to Various Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 88 Pounds.

Per 1000

22 Caliber, Long Rifle, Lesmok Powder, **Hollow Point Bullet** $6.50

22 Caliber, Long Rifle, **Smokeless Powder, Hollow Point Greased Bullet** 8.00

Adapted to Various Rifles of this Caliber.

50 in a Box, 10,000 in a Case.

Weight Per Case 87 Pounds.

Per 1000

22 Caliber, S. & W. Long, Black Powder.....$6.00

Adapted to S. & W. New Model Hand Ejector and other Revolvers.

50 in a Box, 10,000 in a Case.

Weight Per Case 88 Pounds.

Per 1000

22 Caliber, Winchester Automatic, **Smokeless Powder, Greaseless Bullet** $10.00

Adapted to Winchester Automatic Rifles, Model 1903.

50 in a Box, 5,000 in a Case.

Weight Per Case 58 Pounds.

Per 1000

22 Caliber, Winchester Automatic, **Smokeless Powder, Hollow Point Greaseless Bullet**.....$10.50

Adapted to Winchester Automatic Rifles, Model 1903.

50 in a Box, 5,000 in a Case.

Weight Per Case 58 Pounds.

Per 1000

22 Caliber, Extra Long, Lesmok Powder.....$9.00

Adapted to Various Rifles of this Caliber.

Winchester and Remington–U. M. C. Make, 100 in a Box, 10,000 in a Case. U. S. Make, 50 in a Box, 5,000 in a Case.

Weight Per Case 92 Pounds.

Metallic Cartridges.

EITHER WINCHESTER, REMINGTON–U. M. C., OR U. S. MAKE

RIM FIRE

(.22 Winchester Special.)

Per 1000

22 Caliber, W. R. F., Lesmok Powder, Model 1890..$ 9.00

22 Caliber, W. R. F., **Smokeless Powder, Greaseless Bullet** 10.00

Adapted to Winchester Repeating Rifles, Model 1890, also Winchester, Remington–U. M. C. and Stevens' S. S. Rifles.

50 in a Box, 5,000 in a Case.

Weight Per Case 58 Pounds.

(.22 Winchester Special.)

Per 1000

22 Caliber, W. R. F., Lesmok Powder, Model 1890, **Hollow Point Bullet** .....$ 9.50

22 Caliber, W. R. F., **Smokeless Powder, Hollow Point Greaseless Bullet** 10.50

Adapted to Winchester Repeating Rifles, Model 1890, also Winchester, Remington–U. M. C. and Stevens' S. S. Rifles.

50 in a Box, 5,000 in a Case.

Weight Per Case 58 Pounds.

Per 1000

25 Caliber, Short, Stevens', Lesmok Powder.....$10.00

Adapted to Stevens', Remington–U. M. C. and Winchester Single Shot Rifles, and Stevens' Off-Hand Target Pistols.

50 in a Box, 2,000 in a Case.

Weight Per Case 28 Pounds.

Per 1000

25 Caliber, Stevens', Lesmok Powder.....$14.00

Adapted to Stevens' and Winchester Single Shot Rifles of this Caliber and Stevens' Off-Hand Target Pistols.

50 in a Box, 2,000 in a Case.

Weight Per Case 43 Pounds.

Per 1000

30 Caliber, Short, Black Powder $9.00

Adapted to Pistols and Rifles of this Caliber.

50 in a Box, 5,000 in a Case.

Weight Per Case 62 Pounds.

Per 1000

32 Caliber, Short, Lesmok Powder $10.00

Adapted to Revolvers and Rifles and Single Shot Pistols of this Caliber.

50 in a Box, 5,000 in a Case.

Weight Per Case 85 Pounds.

Per 1000

32 Caliber, Long, Lesmok Powder $11.50

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box, 5,000 in a Case.

Weight Per Case 100 Pounds.

Per 1000

38 Caliber, Short, Black Powder $16.00

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box, 3,000 in a Case.

Weight Per Case 84 Pounds.

Per 1000

38 Caliber, Long, Black Powder $18.00

Adapted to Revolvers and Rifles of this Caliber.

50 in a Box, 3,000 in a Case.

Weight Per Case 95 Pounds.

Per 1000

41 Caliber, Short, Lesmok Powder $15.00

Adapted to Remington–U. M. C., Colt's and other Derringers.

50 in a Box, 3,000 in a Case.

Weight Per Case 80 Pounds.

Per 1000

44 Caliber, Short, Lesmok Powder $23.00

Adapted to Bull Dog, Remington–U. M. C. and other Revolvers and Pistols of this Caliber.

50 in a Box, 2,000 in a Case.

Weight Per Case 80 Pounds.

Per 1000

44 Caliber, Long, Black Powder.....$25.00

Adapted to F. Wesson, Allen, Ballard, Remington–U. M. C., Howard, Robinson, Whitney, Forehand & Wadsworth and other Rifles of this Caliber.

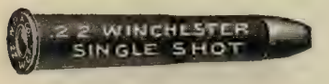
50 in a Box, 2,000 in a Case.

Weight Per Case 93 Pounds.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

CENTER FIRE, PISTOL AND RIFLE



Per 1000

22 Caliber, Winchester Single Shot, Lesmok Powder..$15.00

22 Caliber, Winchester Single Shot, Smokeless Powder, Lead Bullet 17.00

Adapted to Winchester and Remington–U. M. C. Single Shot Rifles.

50 in a Box, 2,000 in a Case.
Weight Per Case 36 Pounds.

Per 1000

25 Caliber, (6.35 M/M), Colt's Automatic, Rimless, Smokeless Powder, Full Metal Patched Bullet..$16 50

25 Caliber, (6.35 M/M), Colt's Automatic, Rimless, Smokeless Powder, Soft Point Bullet..... 16.50

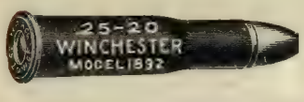
Adapted to Colt's and other Automatic Pistols of this Caliber.

50 in a Box, 2,000 in a Case.
Weight Per Case 28 Pounds.

Per 1000

25-20 Caliber, Winchester and Marlin, High Velocity, Smokeless Powder, Soft Point Bullet.....$21.00

50 in a Box, 2,000 in a Case.
Weight Per Case 54 Pounds.



Per 1000

25-20 Caliber, Winchester and Marlin, Lesmok Powder $16.00

25-20 Caliber, Winchester and Marlin, Smokeless Powder, Lead Bullet..... 19.00

25-20 Caliber, Winchester and Marlin, Smokeless Powder, Soft Point Bullet..... 20.00

25-20 Caliber, Winchester and Marlin, Smokeless Powder, Full Metal Patched Bullet..... 20.00

Adapted to Winchester Model 1892 and Marlin Model 1894 Repeating Rifles.

25-20 Caliber Smokeless Cartridges Supplied with Lead Bullets Unless Otherwise Ordered.

50 in a Box, 2,000 in a Case.
Weight Per Case 86 Pounds.

Per 1000

25-20 Caliber, Single Shot, Lesmok Powder $18.00

25-20 Caliber, Single Shot, Smokeless Powder, Lead Bullet 21.00

Adapted to Stevens', Winchester, Remington–U. M. C. and other Single Shot Rifles.

50 in a Box, 2,000 in a Case.
Weight Per Case 55 Pounds.

Per 1000

7.65 M/M or 30 Caliber, Rimless, Smokeless Powder, Full Metal Patched Bullet.....$26.00

7.65 M/M or 30 Caliber, Rimless, Smokeless Powder, Soft Point Bullet 26.00

Adapted to Luger Automatic Pistols.

50 in a Box, 1,000 in a Case.
Weight Per Case 26 Pounds.

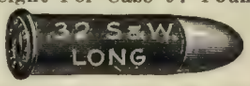
Per 1000

32 Caliber, Smith & Wesson, Lesmok Powder.....$11.00

32 Caliber, Smith & Wesson, Smokeless Powder, Lead Bullet 12.00

Adapted to Smith & Wesson, and other Revolvers of this Caliber.

50 in a Box, 5,000 in a Case.
Weight Per Case 97 Pounds.



Per 1000

32 Caliber, Smith & Wesson Long, Lesmok Powder..$12.00

32 Caliber, Smith & Wesson Long, Smokeless Powder, Lead Bullet 13.50

Adapted to 32 Caliber New S. & W. Hand Ejector, Colt's New Pocket and New Police Revolvers.

50 in a Box, 5,000 in a Case.
Weight Per Case 116 Pounds.

Per 1000

32 Caliber, Short, Colt's, Lesmok Powder $11.00

32 Caliber, Short, Colt's, Smokeless Powder, Lead Bullet 12.00

Adapted to Colt's and other Revolvers of this Caliber and Marlin Model 1892 Rifles.

50 in a Box, 5,000 in a Case.
Weight Per Case 95 Pounds.

Per 1000

32 Caliber, Long, Colt's, Lesmok Powder $12.00

32 Caliber, Long, Colt's, Smokeless Powder, Lead Bullet 13.50

Adapted to Colt and other Revolvers of this Caliber, also Marlin Rifles, Model 1892.

50 in a Box, 5,000 in a Case.
Weight Per Case 107 Pounds.

Per 1000

32 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Full Metal Patched Bullet.....$18.00

32 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Soft Point Bullet..... 18.00

Adapted to Colt's, Savage and other Automatic Pistols.

50 in a Box, 5,000 in a Case.
Weight Per Case 96 Pounds.

Per 1000

32 Caliber, Colt's, New Police (Police Positive), Lesmok Powder $12.00

32 Caliber, Colt's, New Police (Police Positive), Smokeless Powder, Lead Bullet..... 13.50

Adapted to 32 Caliber Colt's Police Positive Revolvers.

50 in a Box, 5,000 in a Case.
Weight Per Case 117 Pounds.

Per 1000

32 Caliber, Colt's New Police Mid Range, Smokeless Powder, Lead Bullet $11.50

Adapted to Colt's New Police (Police Positive) Revolvers, Stamped on the Barrel "Colt's New Police .32," also to S. & W. Hand Ejector Revolvers. **Not Adapted to** Revolvers Stamped on Barrel "Colt's D. A. 32."

50 in a Box, 5,000 in a Case.
Weight Per Case 110 Pounds.

NOTE—Automatic Pistol Cartridges Will be Supplied with **Full Metal Patched Bullets** when Orders do not Specify.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

CENTER FIRE, PISTOL AND RIFLE

Per 1000

32 or 32-20 Caliber, W. C. F., Lesmok Powder.....$16.00

32 Caliber, W. C. F., Smokeless Powder, Soft Point Bullet 20.00

32 Caliber, W. C. F., Smokeless Powder, Full Metal Patched Bullet 20.00

Adapted to Winchester Repeating Rifles, Model 1873 and 1892, Winchester Single Shot, Colt's Marlin, Stevens' and Remington–U. M. C. Rifles, also Colt's and S. & W. New Military and Police Revolvers.

50 in a Box, 2,000 in a Case.

Weight Per Case 63 Pounds.

32 Caliber, Model 1873, Smokeless Cartridges Supplied with Soft Point Bullet unless otherwise specified.

Per 1000

32-20 Caliber, Winchester, High Velocity, Smokeless Powder, Soft Point Bullet.....$21.00

Adapted to Winchester Model 1892 and Marlin Model 1894 Repeating Rifles; also Single Shot Rifles.

Not for Use in Revolvers and Winchester Rifles Model 1873.

Weight Per Case 63 Pounds.

Per 1000

38 Caliber, Smith & Wesson, Lesmok Powder $13.50

38 Caliber, Smith & Wesson, Smokeless Powder, Lead Bullet 15.50

Adapted to Smith & Wesson and other Revolvers of this Caliber.

50 in a Box, 2,000 in a Case.

Weight Per Case 66 Pounds.

Per 1000

38 Caliber, Smith & Wesson Special, Lesmok Powder..$16.50

38 Caliber, Smith & Wesson Special, Smokeless Powder, Lead Bullet 18.50

Adapted to S. & W. New Military and Police, also Colt's Revolvers.

50 in a Box, 2,000 in a Case.

Weight Per Case 76 Pounds.

Per 1000

38 Caliber, Colt's Special, Lesmok Powder $16.50

38 Caliber, Colt's Special, Smokeless Powder, Lead Bullet 18.50

Adapted to Colt's Army Special and S. & W. New Military Revolvers.

50 in a Box, 2,000 in a Case.

Weight Per Case 76 Pounds.

Per 1000

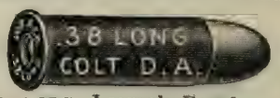
38 Caliber, Colt's, Short, Lesmok Powder $13.50

38 Caliber, Colt's, Short, Smokeless Powder, Lead Bullet 15.50

Adapted to Colt's Revolvers and Rifles of this Caliber.

50 in a Box, 4,000 in a Case.

Weight Per Case 120 Pounds.



Per 1000

38 Caliber, Colt's, Long, Lesmok Powder $14.50

38 Caliber, Colt's, Long, Smokeless Powder, Lead Bullet 16.50

Adapted to Colt's and S. & W. Military Revolvers, also Rifles of this Caliber.

50 in a Box, 3,000 in a Case.

Weight Per Case 103 Pounds.

Per 1000

38 Caliber, Colt's New Police (Police Positive), Black Powder $13.50

38 Caliber, Colt's New Police (Police Positive), Smokeless Powder, Lead Bullet..... 15.50

Adapted to 38 Colt's Police Positive D. A. Revolvers.

50 in a Box, 2,000 in a Case.

Weight Per Case 66 Pounds.

Per 1000

38 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Full Metal Patched Bullet.....$26.00

38 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Soft Point Bullet..... 26.00

Adapted to Colt's Automatic Pistols.

50 in a Box, 2,000 in a Case.

Weight Per Case 68 Pounds.

Per 1000

380 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Full Metal Patched Bullet.....$25.00

380 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Soft Point Bullet..... 25.00

Adapted to 380 Caliber Colt's Automatic Hammerless Pistols.

50 in a Box, 2,000 in a Case.

Weight Per Case 65 Pounds.

Per 1000

38 or 38-40 Caliber, W. C. F., Lesmok Powder.....$19.00

38 Caliber, W. C. F., Smokeless Powder, Soft Point Bullet 24.00

38 Caliber, W. C. F., Smokeless Powder, Full Metal Patched Bullet 24.00

Adapted to Winchester Repeating Rifles, Models 1873 and 1892, Winchester Single Shot, Colt's, Marlin, Stevens' and Remington–U. M. C. Rifles, also Colt's and S. & W. Revolvers.

38 Caliber, Model 1873 Smokeless Cartridges will be Supplied with Soft Point Bullets unless otherwise ordered.

50 in a Box, 2,000 in a Case.

Weight Per Case 94 Pounds.

NOTE—Automatic Pistol Cartridges will be supplied with **Full Metal Patched Bullets** if orders do not specify.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

CENTER FIRE, PISTOL AND RIFLE

Per 1000

38 Caliber, Winchester, High Velocity, Smokeless Powder, Soft Point Bullet.....$27.00

Adapted to Winchester Model 1892 and Marlin Model 1894 Repeating Rifles and to Single Shot Rifles. **Not for Use in Revolvers and Winchester Rifles Model 1873.**

Weight Per Case 94 Pounds.

Per 1000

41 Caliber, Winchester, Short, Colt's, Lesmok Powder.$15.00

Adapted to Colt's Revolvers.

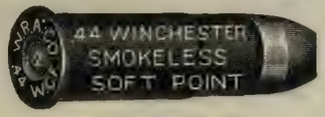
Weight Per Case 69 Pounds.

Per 1000

41 Caliber, Winchester, Long, Colt's, Lesmok Powder.$17.50

Adapted to Colt's Revolvers.

Weight Per Case 88 Pounds.



Per 1000

44 or 44-40 Caliber, W. C. F., Model 1873, Lesmok Powder.....$19.00

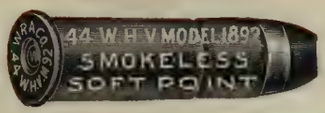
44 Caliber, W. C. F., Model 1873, Smokeless Powder, Soft Point Bullet..... 24.00

44 Caliber, W. C. F., Model 1873, Smokeless Powder, Full Metal Patched Bullet..... 24.00

Adapted to Winchester Repeating, Model 1873 and 1892, Winchester Single Shot, Colt's, Marlin, Stevens' and Remington–U. M. C. Rifles, also Colt's Frontier and S. & W. Revolvers.

Weight Per Case 100 Pounds.

44 Caliber, Model 1873 Smokeless Cartridges will be Supplied with Soft Point Bullet unless otherwise ordered.



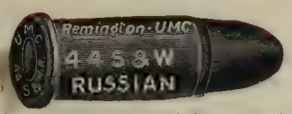
Per 1000

44 Caliber, Winchester High Velocity, Smokeless Powder, Soft Point Bullet.....$27.00

Adapted to Winchester Model 1892 and Marlin Model 1894 Repeating Rifles and to Single Shot Rifles.

Weight Per Case 100 Pounds.

Not for Use in Revolvers and Winchester Repeating Rifles Model 1873.



Per 1000

44 Caliber, Smith & Wesson, Russian, Black Powder.$20.00

44 Caliber, Smith & Wesson, Russian, Smokeless Powder, Lead Bullet..... 22.00

Adapted to Smith & Wesson Russian Model and Colt's Revolvers, also Remington–U. M. C. S. S. Target Pistols.

Weight Per Case 105 Pounds.

Per 1000

44 Caliber, Smith & Wesson Special, Smokeless Powder, Lead Bullet.....$24.00

Adapted to Smith & Wesson Hand Ejector and other Revolvers.

Weight Per Case 106 Pounds.

Per 1000

44 Caliber, Smith & Wesson American, Black Powder..$19.00

Adapted to Smith & Wesson American Model Army and Navy Revolvers of this Caliber.

Weight Per Case 90 Pounds.

Per 1000

44 or 44-40 Caliber, Colt's New Lightning, Black Powder.....$19.00

Adapted to Colt's New Lightning Magazine and other Repeating and S. S. Rifles, also Colt's and other Revolvers.

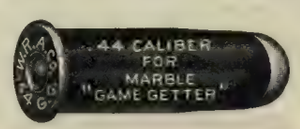
Weight Per Case 100 Pounds.

Per 1000

44 Caliber, Webley Revolver, Black Powder.....$16.50

Adapted to Webley, Bull Dog and other Double Action Pistols.

Weight Per Case 84 Pounds.



Per 1000

44 Caliber, Marble Game Getter, Smokeless Powder, Round Bullet.....$22.00

Adapted to Marble's Game Getter Gun and Shot Guns of this Caliber.

Weight Per Case 74 Pounds.

Per 1000

45 Caliber, Colt's, Black Powder, Inside Lubricated..$22.00

Adapted to Colt's Army Revolvers.

Weight Per Case 115 Pounds.

Per 1000

45 Caliber, Colt's Automatic, Rimless, Smokeless Powder, Full Metal Patched Bullet.....$30.00

Adapted to Colt's Automatic Pistols.

Weight Per Case 95 Pounds.

Above 50 in a Box, 2,000 in a Case.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

MILITARY AND SPORTING

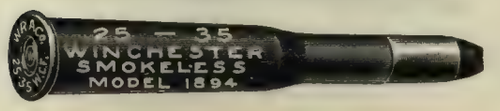
Per 1000

22 Caliber, High Power, Soft Point Bullet, Smokeless Powder $38.00

22 Caliber, High Power, Full Metal Patched Bullet, Smokeless Powder 38.00

Adapted to the New .22 Savage High Power Rifle.

Weight Per Case 44 Pounds.



Per 1000

25-35 Caliber, Winchester, Model 1894, Soft Point Bullet, Smokeless Powder $33.00

25-35 Caliber, Winchester, Model 1894, Full Metal Patched Bullet, Smokeless Powder 33.00

Adapted to Winchester Repeating Model 1894 and Savage Rifles.

Weight Per Case 49 Pounds.

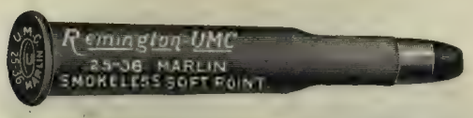
Per 1000

25 Caliber, Remington Autoloading, Rimless, Soft Point Bullet, Smokeless Powder $33.00

25 Caliber, Remington Autoloading, Rimless, Full Metal Cased Bullet, Smokeless Powder 33.00

Adapted to Remington-U. M. C. Autoloading, Standard Automatic, and Stevens' Repeating Rifles.

Weight Per Case 49 Pounds.



Per 1000

25-36 Caliber, Remington–U. M. C., Marlin, Soft Point Bullet, Black Powder $30.00

25-36 Caliber, Remington–U. M. C., Marlin, Soft Point Bullet, Smokeless Powder 33.00

25-36 Caliber, Remington–U. M. C., Marlin, Full Metal Patched Bullet, Smokeless Powder 33.00

Adapted to Marlin Model 1893 Repeating Rifles.

Weight Per Case 50 Pounds.

Per 1000

6 M/M, Soft Point Copper Jacketed Bullet, Smokeless Powder $50.00

Adapted to Winchester Lee Straight Pull and Remington-Lee Military and Sporting Rifles, also to Colt's Automatic Machine Guns.

Weight Per Case 57 Pounds.

Per 1000

30 or 30-30 Caliber, Winchester, Marlin and Savage, Soft Point Bullet, Smokeless Powder $38.00

30 or 30-30 Caliber, Winchester, Marlin and Savage, Full Metal Patched Bullet, Smokeless Powder .. 38.00

30 or 30-30 Caliber, Winchester, Marlin and Savage Short Range, Plain Lead Bullet, Smokeless Powder 30.00

Adapted to Winchester Repeating Model 1894, Marlin Model 1893, Savage Repeating, Remington-Lee and Remington-U. M. C. No. 5 Rifles.

Weight Per Case 56 Pounds.

Per 1000

30 Caliber, U. S. Army, Soft Point Bullet, Smokeless Powder $50.00

30 Caliber, U. S. Army, Full Metal Patched Bullet, Smokeless Powder 50.00

Adapted to Winchester Repeating Rifles Model 1895, Winchester Single Shot and Krag-Jörgensen Adopted by U. S. Army. Will Fit Our 290 and 290½ Winchester Rifles.

Weight Per Case 77 Pounds.

Per 1000

30 Caliber, Winchester, U. S. Army, Short Range, Plain Lead Bullet, Smokeless Powder $32.00

Adapted to Winchester Repeating Rifles Model 1895, Winchester Single Shot and Krag-Jörgensen Adopted by U. S. Army.

Weight Per Case 54 Pounds.

20 in a Box, 1,000 in a Case.

Smokeless Powder Rifle Cartridges will be supplied with Soft Point Bullets, unless otherwise ordered. If Full Metal Patched are Wanted, Specify Full Metal Patched.

FOR GAME SHOOTING ALWAYS USE SOFT POINT BULLETS.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

MILITARY AND SPORTING

Per 1000

30 Caliber, U. S. Gov't, Model 1903, Rimless, Smokeless Powder, Soft Point Bullet.....$55.00

30 Caliber, U. S. Gov't, Model 1903, Rimless, Smokeless Powder, Full Metal Patched Bullet..... 55.00

Adapted to Model 1903 U. S. Springfield Magazine Rifles.
Will Fit Our No. 288 Winchester Rifle.
20 in a Box, 1,000 in a Case.
Weight Per Case 82 Pounds.

Per 1000

30 Caliber, U. S. Gov't, Rimless, Model 1906, Smokeless Powder, Full Metal Patched Bullet, Pointed.$55.00

Adapted to Model 1903 U. S. Springfield Magazine Rifles Chambered for '06 Cartridge.
Will Fit Our No. 288 and 289 Winchester Rifle.
20 in a Box, 1,000 in a Case.
Weight Per Case 82 Pounds.

Per 1000

30 Caliber, U. S. Gov't, Rimless, Model 1906, Smokeless Powder, Soft Point Bullet.....$55.00

Adapted to Model 1906 Springfield Magazine Rifles and Model 1895 Winchester Rifles.
20 in a Box, 1000 in a Case.
Weight Per Case 82 Pounds.

Per 1000

30 Caliber, Remington Autoloading, Rimless, Soft Point Bullet, Smokeless Powder.....$38.00

30 Caliber, Remington Autoloading, Rimless, Full Metal Patched Bullet, Smokeless Powder..... 38.00

Adapted to Remington–U. M. C. Autoloading, Standard Automatic, and Stevens' Repeating Rifles.
20 in a Box, 1,000 in a Case.
Weight Per Case 58 Pounds.

Per 1000

303 Caliber, Savage, Soft Point Bullet, Smokeless Powder.....$38.00

303 Caliber, Savage, Full Metal Patched Bullet, Smokeless Powder..... 38.00

303 Caliber, Savage Miniature, Plain Lead Bullet, Smokeless Powder..... 30.00

Adapted to Savage Repeating Rifles.
20 in a Box, 1,000 in a Case.
Weight Per Case 63 Pounds.

Per 1000

32-40 Caliber, High Power, Remington–U. M. C., Soft Point Bullet, Smokeless Powder.....$38.00

32-40 Caliber, High Power, Remington–U. M. C., Full Metal Patched Bullet, Smokeless Powder..... 38.00

Adapted to Winchester, Marlin, Savage, Remington-Lee Repeating, also Remington–U. M. C. High Power Single Shot Rifles.
20 in a Box, 1,000 in a Case.
Weight Per Case 58 Pounds.

Per 1000

32 Caliber, Special, Soft Point Bullet, Smokeless Powder.....$38.00

32 Caliber, Special, Full Metal Patched Bullet, Smokeless Powder..... 38.00

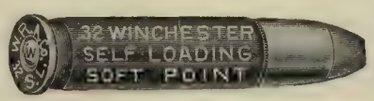
Adapted to Winchester Special Model 1894, Marlin Model 1893, and Remington-Lee High Power Repeating Rifles, also Remington–U. M. C. Nos. 3 and 5 High Power Rifles.
20 in a Box, 1,000 in a Case.
Weight Per Case 58 Pounds.

Per 1000

32 Caliber, Remington Autoloading, Rimless, Soft Point Bullet, Smokeless Powder.....$38.00

32 Caliber, Remington Autoloading, Rimless, Full Metal Patched Bullet, Smokeless Powder..... 38.00

Adapted to Remington–U. M. C. Autoloading, Standard Automatic, and Stevens' Repeating Rifles.
20 in a Box, 1,000 in a Case.
Weight Per Case 57 Pounds.



Per 1000

32 Caliber, Winchester Self-Loading, Rimless, Soft Point Bullet, Smokeless Powder.....$27.00

Adapted to Model 1905 Winchester Self-Loading Rifles.
50 in a Box, 2,000 in a Case.
Weight Per Case 80 Pounds.

Per 1000

32-40 Caliber, Winchester, Marlin and Savage, Black Powder.....$27.00

32-40 Caliber, Winchester, Marlin and Savage, Soft Point Bullet, Smokeless Powder..... 32.00

32-40 Caliber, Winchester, Marlin and Savage, Full Metal Patched Bullet, Smokeless Powder..... 32.00

Adapted to Winchester Single Shot and Repeating Rifles, Model 1894, Marlin, Savage, Ballard and Stevens' Rifles.
20 in a Box, 1,000 in a Case.
Weight Per Case 58 Pounds.

Smokeless Powder Rifle Cartridges will be supplied with Soft Point Bullets, unless otherwise ordered. If Full Metal Patched are Wanted, Specify Full Metal Patched.

FOR GAME SHOOTING ALWAYS USE SOFT POINT BULLETS.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

MILITARY AND SPORTING

Per 1000

32-40 Caliber, Winchester High Velocity, Soft Point Bullet, Smokeless Powder $38.00

Adapted to Winchester Single Shot and Repeating Rifles Model 1894.

20 in a Box, 1,000 in a Case.

Weight Per Case 58 Pounds.

Per 1000

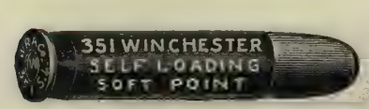
33 Caliber, Soft Point Bullet, Smokeless Powder..... $50.00

33 Caliber, Full Metal Patched Bullet, Smokeless Powder 50.00

Adapted to Winchester, Model 1886, Rifles.

20 in a Box, 1,000 in a Case.

Weight Per Case 80 Pounds.



Per 1000

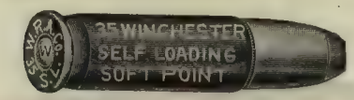
351 Caliber, Winchester, Self-Loading, Rimless, Soft Point Bullet, Smokeless Powder..... $32.00

351 Caliber, Winchester Self-Loading, Rimless, Full Metal Patched Bullet, Smokeless Powder..... 32.00

Adapted to Winchester, Model 1907, Self-Loading Rifles.

50 in a Box, 2,000 in a Case.

Weight Per Case 92 Pounds.



Per 1000

35 Caliber, Winchester Self-Loading, Rimless, Soft Point Bullet, Smokeless Powder..... $27.50

Adapted to Model 1905, Winchester Self-Loading Rifles.

50 in a Box, 2,000 in a Case.

Weight Per Case 85 Pounds.

Per 1000

35 Caliber, Remington Autoloading, Rimless, Soft Point Bullet, Smokeless Powder..... $42.00

35 Caliber, Remington Autoloading, Rimless, Full Metal Patched Bullet, Smokeless Powder..... 42.00

Adapted to Remington–U. M. C. Autoloading, Standard Automatic, and Stevens' Repeating Rifles.

20 in a Box, 1,000 in a Case.

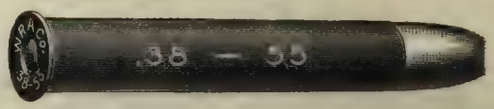
Weight Per Case 64 Pounds.

Per 1000

35 Caliber, Model 1895, Soft Point Bullet, Smokeless Powder $55.00

Adapted to Winchester, Model 1895, Rifles.

Weight Per Case 84 Pounds.



Per 1000

38-55 Caliber, Winchester, Marlin and Savage, Black Powder $33.00

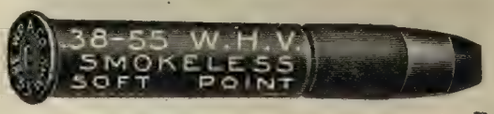
38-55 Caliber, Winchester, Marlin and Savage, Soft Point Bullet, Smokeless Powder..... 40.00

38-55 Caliber, Winchester, Marlin and Savage, Full Metal Patched Bullet, Smokeless Powder..... 40.00

38-55 Caliber, Winchester, Marlin and Savage, High Power, Remington–U. M. C., Soft Point Bullet, Smokeless Powder 46.00

Adapted to Winchester Single Shot and Repeating Model 1894 Remington–U. M. C., Marlin, Savage and Ballard Rifles.

Weight Per Case 69 Pounds.



Per 1000

38-55 Caliber, Winchester, High Velocity, Soft Point Bullet, Smokeless Powder $46.00

Adapted to Winchester Single Shot and Repeating Model 1894 Remington–U. M. C., Marlin, Savage and Ballard Rifles.

Weight Per Case 71 Pounds.

Per 1000

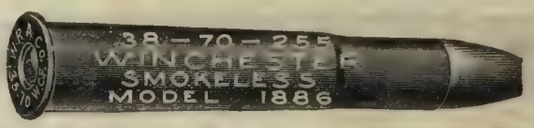
38-56 Caliber, Winchester and Marlin, Black Powder..$33.00

38-56 Caliber, Winchester and Marlin, Soft Point Bullet, Smokeless Powder 40.00

38-56 Caliber, Winchester and Marlin, Full Metal Patched Bullet, Smokeless Powder..... 40.00

Adapted to Winchester Single Shot and Repeating Model 1886, Marlin Model 1895, and other Repeating Rifles.

Weight Per Case 78 Pounds.



Per 1000

38-70 Caliber, Winchester, Model 1886, Black Powder..$35.00

38-70 Caliber, Winchester, Model 1886, Soft Point Bullet, Smokeless Powder 43.00

38-70 Caliber, Winchester, Model 1886, Full Metal Patched Bullet, Smokeless Powder..... 43.00

20 in a Box, 1,000 in a Case.

Weight Per Case 80 Pounds.

Smokeless Powder Rifle Cartridges will be supplied with Soft Point Bullets, unless otherwise ordered. If Full Metal Patched are Wanted, Specify Full Metal Patched.

FOR GAME SHOOTING ALWAYS USE SOFT POINT BULLETS.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

MILITARY AND SPORTING

Per 1000

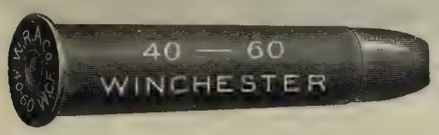
38-72 Caliber, Winchester, Model 1895, Black Powder..$34.00

38-72 Caliber, Winchester, Model 1895, Soft Point Bullet, Smokeless Powder..... 43.00

38-72 Caliber, Winchester, Model 1895, Full Metal Patched Bullet, Smokeless Powder..... 43.00

Adapted to Winchester Repeating Rifles, Model 1895.

Weight Per Case 82 Pounds.



Per 1000

40-60 Caliber, Winchester, Black Powder.....$32.00

Adapted to Winchester Single Shot and Repeating Model 1876, and Remington–U. M. C. Rifles.

Weight Per Case 74 Pounds.

Per 1000

40-65 Caliber, Winchester and Marlin, Black Powder..$33.00

40-65 Caliber, Winchester and Marlin, Soft Point Bullet, Smokeless Powder 40.00

40-65 Caliber, Winchester and Marlin, Full Metal Patched Bullet, Smokeless Powder..... 40.00

Adapted to Winchester Single Shot and Repeating Model 1886, Marlin Model 1895, and other Repeating Rifles.

Weight Per Case 84 Pounds.

Per 1000

40-70 Caliber, Winchester, Model 1886, Black Powder.$36.00

40-70 Caliber, Winchester, Model 1886, Soft Point Bullet, Smokeless Powder 43.00

40-70 Caliber, Winchester, Model 1886, Full Metal Patched Bullet, Smokeless Powder..... 43.00

Adapted to Winchester Model 1886 and Marlin Model 1895 Repeating Rifles.

Weight Per Case 98 Pounds.

Per 1000

40-72 Caliber, Winchester, Model 1895, Black Powder.$35.00

40-72 Caliber, Winchester, Model 1895, Soft Point Bullet, Smokeless Powder 43.00

40-72 Caliber, Winchester, Model 1895, Full Metal Patched Bullet, Smokeless Powder..... 43.00

Adapted to Winchester Repeating Rifles, Model 1895.

Weight Per Case 95 Pounds.

Per 1000

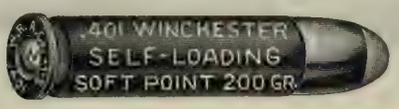
40-82 Caliber, Winchester and Marlin, Black Powder..$36.00

40-82 Caliber, Winchester and Marlin, Soft Point Bullet, Smokeless Powder 43.00

40-82 Caliber, Winchester and Marlin, Full Metal Patched Bullet, Smokeless Powder..... 43.00

Adapted to Winchester Single Shot and Repeating Rifles, Model 1886, Marlin Model 1895 and Remington–U. M. C. Single Shot Rifles.

Weight Per Case 89 Pounds.

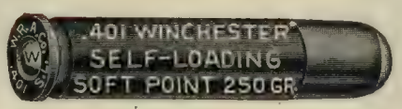


Per 1000

401 Caliber, Winchester Self-Loading, Rimless, 200 Grain Soft Point Bullet, Smokeless Powder....$40.00

401 Caliber, Winchester Self-Loading, Rimless, 200 Grain Full Metal Patched Bullet, Smokeless Powder 40.00

Weight Per Case 60 Pounds.



Per 1000

401 Caliber, Winchester Self-Loading, Rimless, 250 Grain Soft Point Bullet, Smokeless Powder....$40.00

401 Caliber, Winchester Self-Loading, Rimless, 250 Grain Full Metal Patched Bullet, Smokeless Powder 40.00

Adapted to 401 Caliber Model 1910 Winchester Self-Loading Rifles.

When ordering, always specify whether 200 or 250 Grain Bullets are wanted.

If no preference is indicated, Cartridges with 200 Grain Bullets will be sent.

Weight Per Case 67 Pounds.

Per 1000

43 Caliber, Remington–U. M. C., Egyptian, 400 Grain, Grooved Bullet, Black Powder.....$37.00

Adapted to Remington Egyptian Model Military and Beaumont Rifles.

Weight Per Case 100 Pounds.

Per 1000

405 Caliber, Winchester, Model 1895, Soft Point Bullet, Smokeless Powder $60.00

Adapted to 405 Caliber Winchester Rifles, Model 1895.

Weight Per Case 93 Pounds.

20 in a Box, 1,000 in a Case.

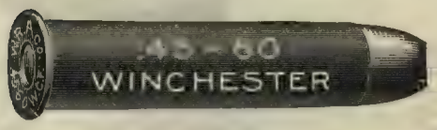
Smokeless Powder Rifle Cartridges will be supplied with Soft Point Bullets, unless otherwise ordered. If Full Metal Patched are Wanted, Specify Full Metal Patched.

FOR GAME SHOOTING ALWAYS USE SOFT POINT BULLETS.

Metallic Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE

MILITARY AND SPORTING

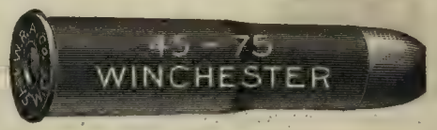


Per 1000

45-60 Caliber, Winchester, Black Powder.....$33.00

Adapted to Winchester Single Shot and Repeating Rifles, Model 1876.

Weight Per Case 87 Pounds.

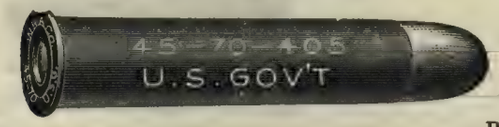


Per 1000

45-75 Caliber, Winchester, Black Powder.....$35.00

Adapted to Winchester Single Shot and Repeating Rifles, Model 1876.

Weight Per Case 98 Pounds.



Per 1000

45-70-405 Caliber, U. S. Government, Black Powder..$35.00

45-70-405 Caliber, U. S. Government, Soft Point Bullet, Smokeless Powder 42.00

45-70-405 Caliber, U. S. Government, Full Metal Patched Bullet, Smokeless Powder..... 42.00

Adapted to New Model Springfield, Hotchkiss Repeating Rifles, Winchester Single Shot, and Repeating Rifles, Model 1886 and Marlin Rifles.

Weight Per Case 106 Pounds.

Per 1000

45-90 Caliber, Winchester, Model 1886, Black Powder..$36.00

45-90 Caliber, Winchester, Model 1886, Soft Point Bullet, Smokeless Powder..... 43.00

45-90 Caliber, Winchester, Full Metal Patched Bullet, Smokeless Powder 43.00

Adapted to Winchester Single Shot and Repeating Rifles, Model 1886, and Marlin Rifles.

Weight Per Case 97 Pounds.

Per 1000

45-70-300 Caliber, U. S. Government, High Velocity, Soft Point Bullet, Smokeless Powder.....$43.00

Adapted to Winchester and Marlin Repeating Rifles.

Weight Per Case 85 Pounds.

Per 1000

50-95 Caliber, Winchester Express, Black Powder....$40.00

Adapted to Winchester Express Rifles.

Weight Per Case 96 Pounds.

Smokeless Powder Cartridges will be Supplied with Soft Point Bullets, unless otherwise ordered. If Full Metal Patched are wanted, Specify Full Metal Patched.

FOR GAME SHOOTING ALWAYS USE SOFT POINT BULLETS.

Blank Cartridges.

EITHER WINCHESTER, U. S., OR REMINGTON–U. M. C. MAKE

RIM FIRE

Per 1000

22 Caliber, Short, Black Powder $5.00

50 in a Box, 10,000 in a Case.

Weight Per Case 22 Pounds.

Per 1000

32 Caliber, Short, Black Powder $10.00

50 in a Box, 5,000 in a Case.

Weight Per Case 25 Pounds.

Per 1000

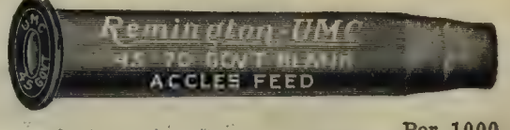
38 Caliber, Short, Black Powder $16.00

50 in a Box, 3,000 in a Case.

Weight Per Case 33 Pounds.

Adapted to Rim Fire Revolvers and Pistols of these Calibers, also Single Shot Rifles.

CENTER FIRE



Per 1000

32 Caliber, S. & W., Black Powder $11.00

50 in a Box, 5,000 in a Case.

Weight Per Case 37 Pounds.

Per 1000

38 Caliber, S. & W., Black Powder $13.50

50 in a Box, 2,000 in a Case.

Weight Per Case 22 Pounds.

Per 1000

45-70-405 U. S. Government, Blank, Center Fire.....$35.00

Per 1000

50-70-405 U. S. Government, Blank, Center Fire.....$37.00

Adapted to U. S. Springfield, Sharps Remington and other Military and Sporting Rifles.

20 in a Box, 1,000 in a Case.

Weight Per Case 51 Pounds.

Adapted to Smith & Wesson and other Revolvers of these Calibers.

Shot Cartridges.

EITHER WINCHESTER OR REMINGTON–U. M. C. MAKE, RIM FIRE

Per 1000

22 Caliber, Long, Lesmok Powder, Size of Shot No. 12...$11.00

22 Caliber, Long, Smokeless Powder, Size of Shot No. 12. 12.50

50 in a Box, 10,000 in a Case.
Weight Per Case 49 Pounds.

Per 1000

32 Caliber, Long, Size of Shot No. 10 .....$22.00

50 in a Box, 5,000 in a Case.
Weight Per Case 64 Pounds.

Per 1000

38 Caliber, Short, Size of Shot No. 10 .....$30.00

50 in a Box, 3,000 in a Case.
Weight Per Case 70 Pounds.

CENTER FIRE

Per 1000

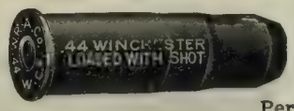
32 Caliber, S. & W., Size of Shot No. 10 .....$12.00

50 in a Box, 5,000 in a Case.
Weight Per Case 75 Pounds.

Per 1000

38 Caliber, S. & W., Size of Shot No. 10 .....$14.50

50 in a Box, 2,000 in a Case.
Weight Per Case 47 Pounds.



Per 1000

44 Caliber, Winchester, Size of Shot No. 8 .....$20.00

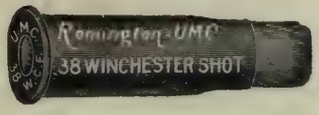
50 in a Box, 2,000 in a Case.
Weight Per Case 77 Pounds.

Per 1000

32 Caliber, Winchester, Size of Shot No. 10 .....$17.00

50 in a Box, 2,000 in a Case.

Weight Per Case 40 Pounds.



Per 1000

38 Caliber, Winchester, Size of shot No. 10.....$20.00

50 in a Box, 2,000 in a Case.

Weight Per Case 80 Pounds.

Per 1000

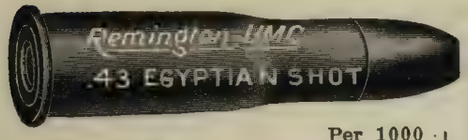
44 Caliber, XL, Lesmok Powder, Size of Shot No. 8.....$21.00

44 Caliber, XL, Lesmok Powder, Size of Shot No. 6..... 21.00

44 Caliber, XL, Smokeless Powder, Size of Shot No. 8..... 25.00

44 Caliber, XL, Smokeless Powder, Size of Shot No. 6..... 25.00

50 in a Box, 2,000 in a Case.
Weight Per Case 80 Pounds.



Per 1000

43 Caliber, Egyptian, Size of Shot No. 8.....$44.00

20 in a Box, 1,000 in a Case.
Weight Per Case 50 Pounds.

Bullets.

	Per 1000
25-36, Full Metal Patched	$ 5.00
30-30, Soft Point	6.00
30-40, U. S. A., Soft Point	15.00
32-40, Lead	7.25
32-40, Soft Point	8.25
38-55, Lead	$ 9.50
38-55, Soft Point	10.50
38-56, Lead	9.50
38-56, Soft Point	10.50
40-82, Lead	9.00
40-82, Soft Point	10.00

Supplemental Chambers.

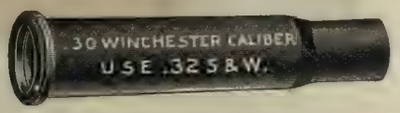
MARBLE

For .22 H. P. Cartridges.

For Rimless Cartridges.

	Each
.22 Savage, High Power Caliber, for Use with .22 Rim Fire Cartridges	$1.10
.30 Remington, for Use with .32 Short Colt's Cartridges	1.10
.30–30 Caliber, for Use with .32 Short Colt's Cartridges	1.10
.303 Savage, for Use with .32 S. & W. Smokeless Cartridges	1.10
.303 Savage, for Use with .32 Colt's Automatic Cartridges	1.10
.32 W. S., for Use with .32 Colt's Automatic Cartridges	1.10

WINCHESTER



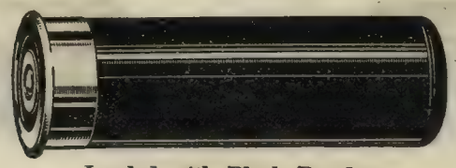
	Each
.30 Winchester Caliber, for Use with .32 S. & W. and .32 Short Colt's Cartridges	$0.95
.30 Army Caliber, for Use with .32 S. & W. and .32 Short Colt's Cartridges	.95
.303 Savage Caliber, for Use with .32 S. & W. and .32 Short Colt's Cartridges	.95
.303 British Caliber, for Use with .32 S. & W. and .32 Short Colt's Cartridges	.95
.32 W. S. Caliber, for Use with .32 Short Colt's Cartridges	.95
.32–40 Caliber, for Use with .32 Short Colt's Cartridges	.95
.35 Winchester Caliber, for Use with .38 Colt's New Police and .38 S. & W. Cartridges	.95
.405 W. C. F. Caliber, for Use with .41 Colt's D. A. Short Cartridges	.95

Smokeless Powder Cartridges are recommended for use with the Winchester Supplemental Chamber, as black powder cartridges soon foul barrels having such quick twists as the above.

Loaded Paper Shells.

U. S. CARTRIDGE CO.'S MAKE

ROMAX



Loaded with Black Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
1264	3¼ Drs.	1⅛ Oz.	4	$2.65
1265	3¼ Drs.	1⅛ Oz.	5	2.65
1266	3¼ Drs.	1⅛ Oz.	6	2.65

CLIMAX

Loaded with Ballistite Dense Smokeless Powder.

12 Gauge.

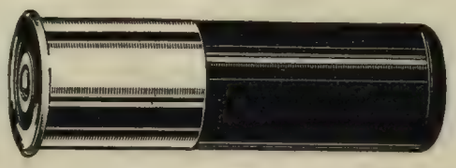
Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B364	26 Grs.	1⅛ Oz.	4	$3.85
B365	26 Grs.	1⅛ Oz.	5	3 85
B366	26 Grs.	1⅛ Oz.	6	3 85
B0364	26 Grs.	1⅛ Oz.	4 Chilled	4.10
B0365	26 Grs.	1⅛ Oz.	5 Chilled	4.10
B0366	26 Grs.	1⅛ Oz.	6 Chilled	4.10
B0337½	24 Grs.	1¼ Oz.	7½ Chilled	4.15

Loaded with "Dead Shot" Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
DS364	3¼ Drs.	1⅛ Oz.	4	$3.85
DS365	3¼ Drs.	1⅛ Oz.	5	3.85
DS366	3¼ Drs.	1⅛ Oz.	6	3.85
DS0364	3¼ Drs.	1⅛ Oz.	4 Chilled	4.10
DS0365	3¼ Drs.	1⅛ Oz.	5 Chilled	4.10
DS0366	3¼ Drs.	1⅛ Oz.	6 Chilled	4.10
DS0357½	3 Drs.	1¼ Oz.	7½ Chilled	4.15

AJAX



Loaded with "Dead Shot" Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
DS104	3½ Drs.	1⅛ Oz.	4	$5.05
DS105	3½ Drs.	1⅛ Oz.	5	5.05
DS106	3½ Drs.	1⅛ Oz.	6	5.05
DS0104	3½ Drs.	1⅛ Oz.	4 Chilled	5.30
DS0105	3½ Drs.	1⅛ Oz.	5 Chilled	5.30
DS0106	3½ Drs.	1⅛ Oz.	6 Chilled	5.30
DS0337½	3 Drs.	1¼ Oz.	7½ Chilled	5.25

25 in a Box, 500 in a Case.

Average Weight Per Case 65 Pounds.

Loaded Paper Shells.

EITHER REMINGTON–U. M. C. OR WINCHESTER MAKE

"REMINGTON–U. M. C. NEW CLUB"

"WINCHESTER NEW RIVAL"

Loaded with Black Powder.

10 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
1000	8 Drs.	Blank		$2.80
1048	4¼ Drs.	1⅛ Oz.	8	2.95
1047	4¼ Drs.	1⅛ Oz.	7	2.95
1026	4 Drs.	1⅛ Oz.	6	2.90
1066	4½ Drs.	1⅛ Oz.	6	3.00
1025	4 Drs.	1⅛ Oz.	5	2.90
1065	4½ Drs.	1⅛ Oz.	5	3.00
1024	4 Drs.	1⅛ Oz.	4	2.90
1064	4½ Drs.	1⅛ Oz.	4	3.00
1063	4½ Drs.	1⅛ Oz.	3	3.00

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
1238	3 Drs.	1 Oz.	8	$2.50
1268	3¼ Drs.	1⅛ Oz.	8	2.65
1237	3 Drs.	1 Oz.	7	2.50
1267	3¼ Drs.	1⅛ Oz.	7	2.65
1236	3 Drs.	1 Oz.	6	2.50
1266	3¼ Drs.	1⅛ Oz.	6	2.65
1276	3½ Drs.	1⅛ Oz.	6	2.70
1235	3 Drs.	1 Oz.	5	2.50
1265	3¼ Drs.	1⅛ Oz.	5	2.65
1275	3½ Drs.	1⅛ Oz.	5	2.70
1234	3 Drs.	1 Oz.	4	2.50
1264	3¼ Drs.	1⅛ Oz.	4	2.65
1274	3½ Drs.	1⅛ Oz.	4	2.70
1263	3¼ Drs.	1⅛ Oz.	3	2.65

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
1273	3½ Drs.	1⅛ Oz.	3	$2.70
1262	3¼ Drs.	1⅛ Oz.	2	2.65
1272	3½ Drs.	1⅛ Oz.	2	2.70
1271	3½ Drs.	1⅛ Oz.	1	2.70
128BB	3¾ Drs.	1⅛ Oz.	BB	2.95
125BK	3½ Drs.	1 Oz.	5 Buck	2.80
124BK	3½ Drs.	1 Oz.	4 Buck	2.80

16 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
1678	2¾ Drs.	1 Oz.	8	$2.60
1677	2¾ Drs.	1 Oz.	7	2.60
1676	2¾ Drs.	1 Oz.	6	2.60
1675	2¾ Drs.	1 Oz.	5	2.60
1674	2¾ Drs.	1 Oz.	4	2.60
1673	2¾ Drs.	1 Oz.	3	2.60
165BK	2¾ Drs.	⅞ Oz.	5 Buck	2.70

20 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
2047	2½ Drs.	⅞ Oz.	7	$2.45
2046	2½ Drs.	⅞ Oz.	6	2.45
2045	2½ Drs.	⅞ Oz.	5	2.45
2044	2½ Drs.	⅞ Oz.	4	2.45

28 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
2804	1¾ Drs.	⅝ Oz.	4	$2.25
2805	1¾ Drs.	⅝ Oz.	5	2.25
2806	1¾ Drs.	⅝ Oz.	6	2.25
2808	1¾ Drs.	⅝ Oz.	8	2.25

NOTE—28 Gauge Black Powder Shells are Loaded in Repeater and Nitro Club Shells.

25 in a Box, 500 in a Case.

Average Weight Per Case: 10 Gauge, About 70 Lbs.; 12 Gauge, 65 Lbs.; 16 Gauge, 58 Lbs.; 20 Gauge, 50 Lbs.; 28 Gauge, 40 Lbs.

NOTE—When Ordering, Specify Whether "Remington–U. M. C. New Club" or "Winchester New Rival" are Wanted.

Special Loads in Case Lots Only, Can be Ordered from Factory to be Shipped Direct.

Loaded Paper Shells.

EITHER REMINGTON–U. M. C. OR WINCHESTER MAKE

REMINGTON–U. M. C. NITRO CLUB

WINCHESTER REPEATER

Loaded with Dupont Bulk Smokeless Powder.

10 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
254BK	3½ Drs.	1¼ Oz.	4 Buck.	$4.60
25BB	3½ Drs.	1¼ Oz.	BB.	4.60
253	3½ Drs.	1¼ Oz.	3.	4.35
254	3½ Drs.	1¼ Oz.	4.	4.35
255	3½ Drs.	1¼ Oz.	5.	4.35
256	3½ Drs.	1¼ Oz.	6.	4.35
237	3¼ Drs.	1⅛ Oz.	7.	4.10

12 Gauge.

363BK	3¼ Drs.	1⅛ Oz.	3 Buck.	$4.10
334BK	3¼ Drs.	1 Oz.	4 Buck.	3.95
335BK	3¼ Drs.	1 Oz.	5 Buck.	3.95
338BK	3¼ Drs.	1 Oz.	8 Buck.	3.95
3600	3¼ Drs.	1⅛ Oz.	00.	4.60
36BB	3¼ Drs.	1⅛ Oz.	BB.	4.10
361	3¼ Drs.	1⅛ Oz.	1.	3.85
362	3¼ Drs.	1⅛ Oz.	2.	3.85
363	3¼ Drs.	1⅛ Oz.	3.	3.85
344	3 Drs.	1⅛ Oz.	4.	3.75
364	3¼ Drs.	1⅛ Oz.	4.	3.85
345	3 Drs.	1⅛ Oz.	5.	3.75
365	3¼ Drs.	1⅛ Oz.	5.	3.85
346	3 Drs.	1⅛ Oz.	6.	3.75
366	3¼ Drs.	1⅛ Oz.	6.	3.85
347	3 Drs.	1⅛ Oz.	7.	3.75
367	3¼ Drs.	1⅛ Oz.	7.	3.85
348	3 Drs.	1⅛ Oz.	8.	3.75
368	3¼ Drs.	1⅛ Oz.	8.	3.85
340	3 Drs.	1⅛ Oz.	10.	3.75
0361	3¼ Drs.	1⅛ Oz.	1 Chilled.	4.10
0362	3¼ Drs.	1⅛ Oz.	2 Chilled.	4.10
0363	3¼ Drs.	1⅛ Oz.	3 Chilled.	4.10
0364	3¼ Drs.	1⅛ Oz.	4 Chilled.	4.10

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
0345	3 Drs.	1⅛ Oz.	5 Chilled.	$4.00
0365	3¼ Drs.	1⅛ Oz.	5 Chilled.	4.10
0346	3 Drs.	1⅛ Oz.	6 Chilled.	4.00
0366	3¼ Drs.	1⅛ Oz.	6 Chilled.	4.10
0367	3¼ Drs.	1⅛ Oz.	7 Chilled.	4.10
0368	3¼ Drs.	1⅛ Oz.	8 Chilled.	4.10
0347½	3 Drs.	1⅛ Oz.	7½ Chilled.	4.00
0357½	3 Drs.	1¼ Oz.	7½ Chilled.	4.15
0367½	3⅛ Drs.	1¼ Oz.	7½ Chilled.	4.25
0377½	3¼ Drs.	1⅛ Oz.	7½ Chilled.	4.10
0387½	3¼ Drs.	1¼ Oz.	7½ Chilled.	4.25

16 Gauge.

405BK	2½ Drs.	¾ Oz.	5 Buck.	$3.60
413	2½ Drs.	1 Oz.	3.	3.50
414	2½ Drs.	1 Oz.	4.	3.50
415	2½ Drs.	1 Oz.	5.	3.50
416	2½ Drs.	1 Oz.	6.	3.50
417	2½ Drs.	1 Oz.	7.	3.50
418	2½ Drs.	1 Oz.	8.	3.50
0414	2½ Drs.	1 Oz.	4 Chilled.	3.75
0415	2½ Drs.	1 Oz.	5 Chilled.	3.75
0416	2½ Drs.	1 Oz.	6 Chilled.	3.75
0417½	2½ Drs.	1 Oz.	7½ Chilled.	3.75
0418	2½ Drs.	1 Oz.	8 Chilled.	3.75

20 Gauge.

508BK	2¼ Drs.	⅞ Oz.	8 Buck.	$3.70
513	2¼ Drs.	⅞ Oz.	3.	3.45
514	2¼ Drs.	⅞ Oz.	4.	3.45
515	2¼ Drs.	⅞ Oz.	5.	3.45
516	2¼ Drs.	⅞ Oz.	6.	3.45
517	2¼ Drs.	⅞ Oz.	7.	3.45
0514	2¼ Drs.	⅞ Oz.	4 Chilled.	3.70
0515	2¼ Drs.	⅞ Oz.	5 Chilled.	3.70
0516	2¼ Drs.	⅞ Oz.	6 Chilled.	3.70
0517½	2¼ Drs.	⅞ Oz.	7½ Chilled.	3.70
0518	2¼ Drs.	⅞ Oz.	8 Chilled.	3.70
0519	2¼ Drs.	⅞ Oz.	9 Chilled.	3.70
0510	2¼ Drs.	⅞ Oz.	10 Chilled.	3.70

Loaded with "New Schultze" Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
S0357½	3 Drs.	1¼ Oz.	7½ Chilled.	$4.15
S0367½	3⅛ Drs.	1¼ Oz.	7½ Chilled.	4.25

Loaded with New E. C. Improved Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
EC0357½	3 Drs.	1¼ Oz.	7½ Chilled.	$4.15
EC0367½	3⅛ Drs.	1¼ Oz.	7½ Chilled.	4.25

25 in a Box, 500 in a Case.

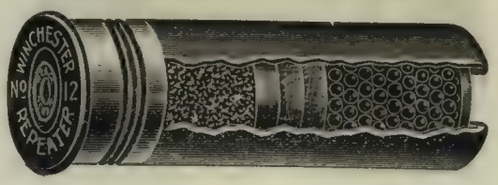
Average Weight Per Case: 10 Gauge, About 70 Lbs.; 12 Gauge, 65 Lbs.; 16 Gauge 58 Lbs.; 20 Gauge, 50 Lbs.

NOTE—When Ordering, Specify Whether "Remington–U. M. C. Nitro Club" or "Winchester Repeater" are Wanted.

Loaded Paper Shells.

EITHER REMINGTON–U. M. C. OR WINCHESTER MAKE

REMINGTON–U. M. C. NITRO CLUB



WINCHESTER REPEATER

Loaded with L. & R. "Infallible" Dense Smokeless Powder.

10 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
X254	28 Grs.	1¼ Oz.	4	$4.35
X255	28 Grs.	1¼ Oz.	5	4.35
X256	28 Grs.	1¼ Oz.	6	4.35
X0254	28 Grs.	1¼ Oz.	4 Chilled	4.60
X0255	28 Grs.	1¼ Oz.	5 Chilled	4.60
X0256	28 Grs.	1¼ Oz.	6 Chilled	4.60

12 Gauge.

X362	26 Grs.	1⅛ Oz.	2	$3.85
X363	26 Grs.	1⅛ Oz.	3	3.85
X344	24 Grs.	1⅛ Oz.	4	3 75
X364	26 Grs.	1⅛ Oz.	4	3 85
X345	24 Grs.	1⅛ Oz.	5	3.75
X365	26 Grs.	1⅛ Oz.	5	3.85
X346	24 Grs.	1⅛ Oz.	6	3.75
X366	26 Grs.	1⅛ Oz.	6	3.85

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
X347	24 Grs.	1⅛ Oz.	7	$3.75
X367	26 Grs.	1⅛ Oz.	7	3.85
X368	26 Grs.	1⅛ Oz.	8	3.85
X0364	26 Grs.	1⅛ Oz.	4 Chilled	4.10
X0365	26 Grs.	1⅛ Oz.	5 Chilled	4.10
X0366	26 Grs.	1⅛ Oz.	6 Chilled	4.10
X0337½	24 Grs.	1¼ Oz.	7½ Chilled	4.15
X0357½	25 Grs.	1¼ Oz.	7½ Chilled	4.25
X0367½	26 Grs.	1¼ Oz.	7½ Chilled	4.25
X0377½	26 Grs.	1⅛ Oz.	7½ Chilled	4.10
X0368	26 Grs.	1⅛ Oz.	8 Chilled	4.10

16 Gauge.

X414	20 Grs.	1 Oz.	4	$3.50
X415	20 Grs.	1 Oz.	5	3.50
X416	20 Grs.	1 Oz.	6	3.50
X417	20 Grs.	1 Oz.	7	3.50

Loaded with Ballistite Dense Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B3BL	24 Grs.	1 Oz.	Single Ball	$4.15
B363	26 Grs.	1⅛ Oz.	3	3.85
B344	24 Grs.	1⅛ Oz.	4	3.75
B364	26 Grs.	1⅛ Oz.	4	3.85
B394	28 Grs.	1 Oz.	4	3.80
B345	24 Grs.	1⅛ Oz.	5	3.75
B365	26 Grs.	1⅛ Oz.	5	3.85
B395	28 Grs.	1 Oz.	5	3.80
B346	24 Grs.	1⅛ Oz.	6	3.75
B366	26 Grs.	1⅛ Oz.	6	3.85
B396	28 Grs.	1 Oz.	6	3.80
B347	24 Grs.	1⅛ Oz.	7	3.75
B367	26 Grs.	1⅛ Oz.	7	3.85
B368	26 Grs.	1⅛ Oz.	8	3.85
B0361	26 Grs.	1⅛ Oz.	1 Chilled	4.10
B0391	28 Grs.	1 Oz.	1 Chilled	4.05
B0362	26 Grs.	1⅛ Oz.	2 Chilled	4.10
B0392	28 Grs.	1 Oz.	2 Chilled	4.05
B0363	26 Grs.	1⅛ Oz.	3 Chilled	4.10
B0393	28 Grs.	1 Oz.	3 Chilled	4.05
B0364	26 Grs.	1⅛ Oz.	4 Chilled	4.10
B0394	28 Grs.	1 Oz.	4 Chilled	4.05
B0365	26 Grs.	1⅛ Oz.	5 Chilled	4.10
B0395	28 Grs.	1 Oz.	5 Chilled	4.05
B0366	26 Grs.	1⅛ Oz.	6 Chilled	4.10
B0396	28 Grs.	1 Oz.	6 Chilled	4.05
B0367	26 Grs.	1⅛ Oz.	7 Chilled	4.10
B0360	26 Grs.	1⅛ Oz.	10 Chilled	4.10
B0337½	24 Grs.	1¼ Oz.	7½ Chilled	4.15
B0357½	25 Grs.	1¼ Oz.	7½ Chilled	4.25
B0367½	26 Grs.	1¼ Oz.	7½ Chilled	4.25
B0377½	26 Grs.	1⅛ Oz.	7½ Chilled	4.10

16 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B4BL	20 Grs.	⅞ Oz.	Single Ball	$3.90
B414	20 Grs.	1 Oz.	4	3.50
B415	20 Grs.	1 Oz.	5	3.50
B416	20 Grs.	1 Oz.	6	3.50
B0417½	20 Grs.	1 Oz.	7½ Chilled	3.75

20 Gauge.

B5BL	16 Grs.	⅝ Oz.	Single Ball	$3.75
B514	18 Grs.	⅞ Oz.	4	3.45
B515	18 Grs.	⅞ Oz.	5	3.45
B516	18 Grs.	⅞ Oz.	6	3.45
B517	18 Grs.	⅞ Oz.	7	3.45
B518	18 Grs.	⅞ Oz.	8	3.45
B0514	18 Grs.	⅞ Oz.	4 Chilled	3.70
B0515	18 Grs.	⅞ Oz.	5 Chilled	3.70
B0516	18 Grs.	⅞ Oz.	6 Chilled	3.70
B0517½	18 Grs.	⅞ Oz.	7½ Chilled	3.70
B0518	18 Grs.	⅞ Oz.	8 Chilled	3.70
B0519	18 Grs.	⅞ Oz.	9 Chilled	3.70
B0510	18 Grs.	⅞ Oz.	10 Chilled	3.70

28 Gauge.

B714	14 Grs.	⅝ Oz.	4	$4.00
B715	14 Grs.	⅝ Oz.	5	4.00
B716	14 Grs.	⅝ Oz.	6	4.00
B717	14 Grs.	⅝ Oz.	7	4.00
B718	14 Grs.	⅝ Oz.	8	4.00
B710	14 Grs.	⅝ Oz.	10	4.00

25 in a Box, 500 in a Case.

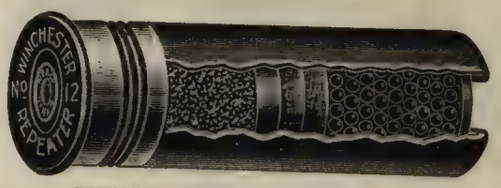
Average Weight Per Case: 10 Gauge, About 70 Lbs.; 12 Gauge, 65 Lbs.; 16 Gauge, 58 Lbs.; 20 Gauge, 50 Lbs.; 28 Gauge, 40 Lbs.

NOTE—When Ordering, Specify Whether "Remington–U. M. C. Nitro Club" or "Winchester Repeater" are Wanted.

Loaded Paper Shells.

EITHER REMINGTON–U. M. C. OR WINCHESTER MAKE

REMINGTON–U. M. C. NITRO CLUB



WINCHESTER REPEATER

Loaded with "Dead Shot" Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
DS3BL	3 Drs.	1 Oz.	Single Ball.	$4.15
DS362	3¼ Drs.	1⅛ Oz.	2	3.85
DS363	3¼ Drs.	1⅛ Oz.	3	3.85
DS344	3 Drs.	1⅛ Oz.	4	3.75
DS364	3¼ Drs.	1⅛ Oz.	4	3.85
DS394	3½ Drs.	1 Oz.	4	3.80
DS345	3 Drs.	1⅛ Oz.	5	3.75
DS365	3¼ Drs.	1⅛ Oz.	5	3.85
DS395	3½ Drs.	1 Oz.	5	3.80
DS346	3 Drs.	1⅛ Oz.	6	3.75
DS366	3¼ Drs.	1⅛ Oz.	6	3.85
DS396	3½ Drs.	1 Oz.	6	3.80
DS367	3¼ Drs.	1⅛ Oz.	7	3.85
DS368	3¼ Drs.	1⅛ Oz.	8	3.85
DS0391	3½ Drs.	1 Oz.	1 Chilled.	4.05
DS0362	3¼ Drs.	1⅛ Oz.	2 Chilled.	4.10
DS0392	3½ Drs.	1 Oz.	2 Chilled.	4.05
DS0363	3¼ Drs.	1⅛ Oz.	3 Chilled.	4.10
DS0393	3½ Drs.	1 Oz.	3 Chilled.	4.05
DS0344	3 Drs.	1⅛ Oz.	4 Chilled.	4.00
DS0364	3¼ Drs.	1⅛ Oz.	4 Chilled.	4.10
DS0394	3½ Drs.	1 Oz.	4 Chilled.	4.05
DS0345	3 Drs.	1⅛ Oz.	5 Chilled.	4.00
DS0365	3¼ Drs.	1⅛ Oz.	5 Chilled.	4.10
DS0395	3½ Drs.	1 Oz.	5 Chilled.	4.05
DS0346	3 Drs.	1⅛ Oz.	6 Chilled.	4.00
DS0366	3¼ Drs.	1⅛ Oz.	6 Chilled.	4.10
DS0396	3½ Drs.	1 Oz.	6 Chilled.	4.05
DS0367	3¼ Drs.	1⅛ Oz.	7 Chilled.	4.10
DS0347½	3 Drs.	1⅛ Oz.	7½ Chilled.	4.00
DS0357½	3 Drs.	1¼ Oz.	7½ Chilled.	4.15
DS0367½	3⅛ Drs.	1¼ Oz.	7½ Chilled.	4.25
DS0377½	3¼ Drs.	1⅛ Oz.	7½ Chilled.	4.10
DS0368	3¼ Drs.	1⅛ Oz.	8 Chilled.	4.10

16 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
DS4BL	2½ Drs.	⅞ Oz.	Single Ball.	$3.90
DS414	2½ Drs.	1 Oz.	4	3.50
DS415	2½ Drs.	1 Oz.	5	3.50
DS416	2½ Drs.	1 Oz.	6	3.50
DS0414	2½ Drs.	1 Oz.	4 Chilled.	3.75
DS0415	2½ Drs.	1 Oz.	5 Chilled.	3.75
DS0416	2½ Drs.	1 Oz.	6 Chilled.	3.75

20 Gauge.

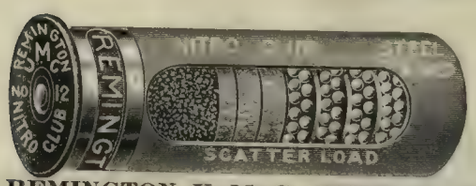
Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
DS5BL	2 Drs.	⅝ Oz.	Single Ball.	$3.75
DS514	2¼ Drs.	⅞ Oz.	4	3.45
DS515	2¼ Drs.	⅞ Oz.	5	3.45
DS516	2¼ Drs.	⅞ Oz.	6	3.45
DS0514	2¼ Drs.	⅞ Oz.	4 Chilled.	3.70
DS0515	2¼ Drs.	⅞ Oz.	5 Chilled.	3.70
DS0516	2¼ Drs.	⅞ Oz.	6 Chilled.	3.70
DS0517½	2¼ Drs.	⅞ Oz.	7½ Chilled.	3.70
DS0518	2¼ Drs.	⅞ Oz.	8 Chilled.	3.70
DS0519	2¼ Drs.	⅞ Oz.	9 Chilled.	3.70
DS0510	2¼ Drs.	⅞ Oz.	10 Chilled.	3.70

25 in a Box, 500 in a Case.

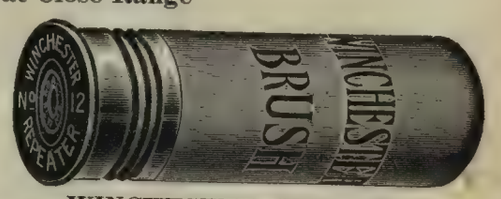
NOTE—When Ordering, Specify Whether "Remington–U. M. C. Nitro Club" or "Winchester Repeater" are Wanted.

Brush or Scatter Loads.

For Brush and Field Shooting at Close Range



REMINGTON–U. M. C. NITRO CLUB



WINCHESTER REPEATER

Loaded with Dupont Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
SR346	3 Drs.	1⅛ Oz.	6	$4.00
SR347	3 Drs.	1⅛ Oz.	7	4.00
SR348	3 Drs.	1⅛ Oz.	8	4.00

16 Gauge.

	Per 100
No. SR416—Repeater, 2½ Drs. Powder, 1 Oz. No. 6 Shot	$3.75
No. SR416—Nitro Club, 2½ Drs. Powder, 1 Oz. No. 6 Shot	3.75

20 Gauge.

	Per 100
No. SR518—Repeater, 2¼ Drs. Powder, ⅞ Oz. No. 8 Shot	$3.70
No. SR518—Nitro Club, 2 Drs. Powder, ¾ Oz. No. 8 Shot	3.45

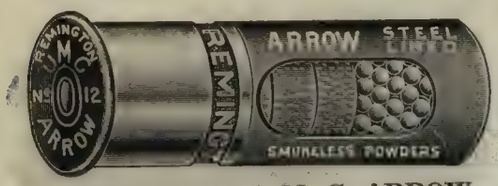
25 in a Box, 500 in a Case.

Average Weight Per Case: 10 Gauge, About 70 Lbs.; 12 Gauge, 65 Lbs.; 16 Gauge, 58 Lbs.; 20 Gauge, 50 Lbs.

NOTE—When Ordering, Specify Whether "Remington–U. M. C. Nitro Club" or "Winchester Repeater" are Wanted.

Loaded Paper Shells.

EITHER REMINGTON–U. M. C. OR WINCHESTER MAKE



REMINGTON–U. M. C. ARROW

WINCHESTER LEADER

Loaded with Dupont Bulk Smokeless Powder.

8 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
X1BB	5 Drs	1½ Oz	BB	$8.35

10 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
124	4¼ Drs	1¼ Oz	4	$6.15
125	4¼ Drs	1¼ Oz	5	6.15
126	4¼ Drs	1¼ Oz	6	6.15
0122	4¼ Drs	1¼ Oz	2 Chilled	6.40
0123	4¼ Drs	1¼ Oz	3 Chilled	6.40
0124	4¼ Drs	1¼ Oz	4 Chilled	6.40
0125	4¼ Drs	1¼ Oz	5 Chilled	6.40
0126	4¼ Drs	1¼ Oz	6 Chilled	6.40

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
34BK	3¼ Drs	1 Oz	4 Buck	$5.05
8BB	3½ Drs	1¼ Oz	BB	5.45
64	3¼ Drs	1⅛ Oz	4	4.95
104	3½ Drs	1⅛ Oz	4	5.05
65	3¼ Drs	1⅛ Oz	5	4.95
105	3½ Drs	1⅛ Oz	5	5.05
66	3¼ Drs	1⅛ Oz	6	4.95
106	3½ Drs	1⅛ Oz	6	5.05
67	3¼ Drs	1⅛ Oz	7	4.95
68	3¼ Drs	1⅛ Oz	8	4.95
0101	3½ Drs	1⅛ Oz	1 Chilled	5.30
0102	3½ Drs	1⅛ Oz	2 Chilled	5.30
064	3¼ Drs	1⅛ Oz	4 Chilled	5.20
074	3¼ Drs	1¼ Oz	4 Chilled	5.35
0104	3½ Drs	1⅛ Oz	4 Chilled	5.30
065	3¼ Drs	1⅛ Oz	5 Chilled	5.20
075	3¼ Drs	1¼ Oz	5 Chilled	5.35
0105	3½ Drs	1⅛ Oz	5 Chilled	5.30

Loaded with Ballistite Dense Smokeless Powder.

10 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B124	34 Grs	1¼ Oz	4	$6.15
B125	34 Grs	1¼ Oz	5	6.15
B126	34 Grs	1¼ Oz	6	6.15
B0124	34 Grs	1¼ Oz	4 Chilled	6.40
B0125	34 Grs	1¼ Oz	5 Chilled	6.40
B0126	34 Grs	1¼ Oz	6 Chilled	6.40

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B10BB	28 Grs	1⅛ Oz	BB	$5.30
B64	26 Grs	1⅛ Oz	4	4.95
B104	28 Grs	1⅛ Oz	4	5.05
B84	28 Grs	1¼ Oz	4	5.20
B65	26 Grs	1⅛ Oz	5	4.95
B105	28 Grs	1⅛ Oz	5	5.05
B85	28 Grs	1¼ Oz	5	5.20
B66	26 Grs	1⅛ Oz	6	4.95
B106	28 Grs	1⅛ Oz	6	5.05
B86	28 Grs	1¼ Oz	6	5.20
B0101	28 Grs	1⅛ Oz	1 Chilled	5.30
B0103	28 Grs	1⅛ Oz	3 Chilled	5.30
B064	26 Grs	1⅛ Oz	4 Chilled	5.20
B0104	28 Grs	1⅛ Oz	4 Chilled	5.30
B084	28 Grs	1¼ Oz	4 Chilled	5.45
B065	26 Grs	1⅛ Oz	5 Chilled	5.20
B0105	28 Grs	1⅛ Oz	5 Chilled	5.30
B085	28 Grs	1¼ Oz	5 Chilled	5.45
B066	26 Grs	1⅛ Oz	6 Chilled	5.20
B0106	28 Grs	1⅛ Oz	6 Chilled	5.30

Loaded with "Deadshot" Bulk Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
DS104	3½ Drs	1⅛ Oz	4	$5.05
DS105	3½ Drs	1⅛ Oz	5	5.05
DS106	3½ Drs	1⅛ Oz	6	5.05
DS0104	3½ Drs	1⅛ Oz	4 Chilled	5.30
DS0105	3½ Drs	1⅛ Oz	5 Chilled	$5.30
DS0106	3½ Drs	1⅛ Oz	6 Chilled	5.30
DS0107½	3½ Drs	1⅛ Oz	7½ Chilled	5.30
DS087½	3½ Drs	1¼ Oz	7½ Chilled	5.45

Loaded with "L. & R. Infallible" Dense Smokeless Powder.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
X64	26 Grs	1⅛ Oz	4	$4.95
X65	26 Grs	1⅛ Oz	5	4.95
X66	26 Grs	1⅛ Oz	6	4.95
X064	26 Grs	1⅛ Oz	4 Chilled	$5.20
X065	26 Grs	1⅛ Oz	5 Chilled	5.20
X066	26 Grs	1⅛ Oz	6 Chilled	5.20

25 in a Box, 500 in a Case.

Average Weight Per Case: 10 Gauge, About 70 Lbs.; 12 Gauge, 65 Lbs.; 16 Gauge, 58 Lbs.; 20 Gauge, 50 Lbs.

NOTE—When Ordering, Specify Whether "Remington–U. M. C. Arrow" or "Winchester Leader" are Wanted.

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
066	3¼ Drs	1⅛ Oz	6 Chilled	$5.20
076	3¼ Drs	1¼ Oz	6 Chilled	5.35
0106	3½ Drs	1⅛ Oz	6 Chilled	5.30
067	3¼ Drs	1⅛ Oz	7 Chilled	5.20
037½	3 Drs	1¼ Oz	7½ Chilled	5.25
047½	3 Drs	1⅛ Oz	7½ Chilled	5.10
057½	3⅛ Drs	1¼ Oz	7½ Chilled	5.35
067½	3¼ Drs	1¼ Oz	7½ Chilled	5.35
077½	3¼ Drs	1⅛ Oz	7½ Chilled	5.20

16 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
24	2¾ Drs	1 Oz	4	$4.70
25	2¾ Drs	1 Oz	5	4.70
26	2¾ Drs	1 Oz	6	4.70
27	2¾ Drs	1 Oz	7	4.70
024	2¾ Drs	1 Oz	4 Chilled	4.95
025	2¾ Drs	1 Oz	5 Chilled	4.95
026	2¾ Drs	1 Oz	6 Chilled	4.95
027½	2¾ Drs	1 Oz	7½ Chilled	4.95

20 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
14	2¼ Drs	⅞ Oz	4	$4.55
15	2¼ Drs	⅞ Oz	5	4.55
16	2¼ Drs	⅞ Oz	6	4.55
014	2¼ Drs	⅞ Oz	4 Chilled	4.80
015	2¼ Drs	⅞ Oz	5 Chilled	4.80
016	2¼ Drs	⅞ Oz	6 Chilled	4.80
017½	2¼ Drs	⅞ Oz	7½ Chilled	4.80
018	2¼ Drs	⅞ Oz	8 Chilled	4.80

12 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B086	28 Grs	1¼ Oz	6 Chilled	$5.45
B067	26 Grs	1⅛ Oz	7 Chilled	5.20
B037½	24 Grs	1¼ Oz	7½ Chilled	5.25
B057½	25 Grs	1¼ Oz	7½ Chilled	5.35
B067½	26 Grs	1¼ Oz	7½ Chilled	5.35
B077½	26 Grs	1⅛ Oz	7½ Chilled	5.20

16 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B24	22 Grs	1 Oz	4	$4.70
B25	22 Grs	1 Oz	5	4.70
B26	22 Grs	1 Oz	6	4.70
B024	22 Grs	1 Oz	4 Chilled	4.95
B025	22 Grs	1 Oz	5 Chilled	4.95
B026	22 Grs	1 Oz	6 Chilled	4.95
B027½	22 Grs	1 Oz	7½ Chilled	4.95

20 Gauge.

Nos.	Quantity of Powder	Quantity of Shot	Size of Shot	Per 100
B14	18 Grs	⅞ Oz	4	$4.55
B15	18 Grs	⅞ Oz	5	4.55
B16	18 Grs	⅞ Oz	6	4.55
B014	18 Grs	⅞ Oz	4 Chilled	4.80
B015	18 Grs	⅞ Oz	5 Chilled	4.80
B016	18 Grs	⅞ Oz	6 Chilled	4.80
B017½	18 Grs	⅞ Oz	7½ Chilled	4.80
B018	18 Grs	⅞ Oz	8 Chilled	4.80

Empty Paper Shot Shells.

WINCHESTER

NEW RIVAL

For Black Powder, No. 2 Winchester Primer.

Gauge	10	12	16
Length, Inches	2⅞	2⅝	2 9/16
Per 100	$0.90	.80	.75

REPEATER

For Bulk Smokeless Powder, Yellow, Corrugated Head, New No. 4 Winchester Primer.

Gauge	10	12	12	16
Length, Inches	2⅞	2⅝	2¾	2 9/16
Per 100	$1.10	1.00	1.10	.95

REPEATER, ¾ BASE

For Dense Smokeless Powder, Yellow, Corrugated Head, New No. 4 Winchester Primer.

Gauge	10	12	12	16
Length, Inches	2⅞	2⅝	2¾	2 9/16
Per 100	$1.10	1.00	1.10	.95

LEADER

For Bulk Smokeless Powder, Red, New No. 4 Winchester Primer.

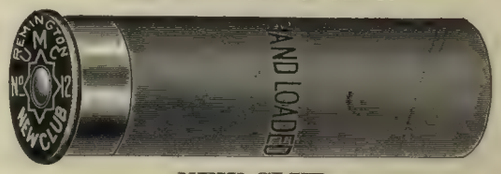
Gauge	10	12	12	12	16
Length, Inches	2⅞	2⅝	2¾	3	2 9/16
Per 100	$1.45	1.35	1.45	1.45	1.35

LEADER, ¾ BASE

For Dense Smokeless Powders, Red, New No. 4 Winchester Primer.

Gauge	10	12	12	12	16
Length, Inches	2⅞	2⅝	2¾	3	2 9/16
Per 100	$1.45	1.35	1.45	1.45	1.35

REMINGTON–U. M. C.



NEW CLUB

For Black Powder, Brown, No. 2 Remington–U. M. C. Primer.

Gauge	10	12	16
Length, Inches	2⅞	2⅝	2 9/16
Per 100	$0.90	.80	.75

NITRO CLUB, FLAT BASE (INSIDE)

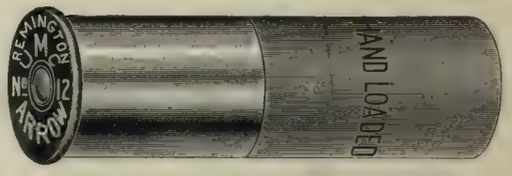
For Bulk Smokeless Powder, Ping, Long Head, No. 33 Remington–U. M. C. Primer with Battery Cup.

Gauge	10	12	16
Length, Inches	2⅞	2⅝	2 9/16
Per 100	$1.10	1.00	.95

NITRO CLUB, HIGH BASE (INSIDE)

For Dense Smokeless Powder, Pink, Long Head, No. 33 Remington–U. M. C. Primer with Battery Cup.

Gauge	10	12	12
Length, Inches	2⅞	2⅝	2¾
Per 100	$1.10	1.10	1.10



ARROW, FLAT BASE (INSIDE)

For Bulk Smokeless Powder, Salmon, No. 33 Remington–U. M. C. Primer with Battery Cup.

Gauge	10	12	12	12	16
Length, Inches	2⅞	2⅝	2¾	3	2 9/16
Per 100	$1.45	1.35	1.45	1.45	1.35

ARROW, HIGH BASE (INSIDE)

For Dense Smokeless Powder, Salmon, No. 33 Remington–U. M. C. Primer with Battery Cup.

Gauge	10	12	12	12	16
Length, Inches	2⅞	2⅝	2¾	3	2 9/16
Per 100	$1.45	1.35	1.45	1.45	1.35

100 in a Box, 5,000 in a Case.

Average Weight Per Case: 10 Gauge, 175 Lbs.; 12 Gauge, 150 Lbs.; 16 Gauge, 125 Lbs.

Empty Brass Shot Shells.

REMINGTON–U. M. C. BEST QUALITY

For Black Powder, No. 2 Remington–U. M. C. Primer.

Gauge	10	12	16
Length, Inches	2⅞	2⅝	2½
Per 100	$10.50	10.00	10.00

REMINGTON–U. M. C. CLUB

For Black Powder, No. 2 Remington–U. M. C. Primer.

Gauge	10	12
Length, Inches	2⅞	2⅝
Per 100	$8.00	8.00

25 in a Box.

Primers.

Full Size Cuts.

WINCHESTER.

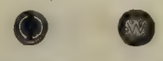
Per 1000

No. 1—Winchester, Copper, 250 in a Box, for Black Powder.....$3.25

No. 1—Winchester, Copper, 100 in a Box, for Black Powder..... 3.45

Adapted to .22 S. S., .25-20 Model 1892, .25-20 Marlin, .32, .38 and .44 Winchester, .32, .38 and .44 C. L. M. R., .32-20, .38-40, .44-40, .44-60, 45-70 Marlin, .40-60 Winchester.

100 or 250 in a Box; 1,000 in a Package.



Per 1000

No. 1½W—Winchester, Copper, for Smokeless and Black Powder....$3.45

Same size as No. 1, but thinner metal and more sensitive. Adapted to 7/65 M. M. Luger, .32 and .38 S. & W., .32 and .38 Colt's Short and Long, .38 Colt's Police Positive Smokeless Cartridges as made by the Winchester Rep. Arms. Co.

100 in a Box; 1,000 in a Package.

Per 1000

No. 2½W—Winchester, Brass, for Smokeless and Black Powder....$3.45

Adapted to Smokeless Military and Sporting and .25-20 S. S. Cartridges, as made by the Winchester Rep. Arms Co.

100 in a Box; 1,000 in a Package.

Per 1000

No. 1W—Winchester, Copper, for Smokeless and Black Powder....$3.45

Adapted to .22 S. S., .25-20 Model 1892, .25-20 Marlin, .32, .38 and .44 Winchester, .32, .38 and .44 Marlin Smokeless Powder Cartridges.

100 in a Box; 1,000 in a Package.

Per 1000

No. 2—Winchester, Copper, 250 in a Box, for Black Powder.....$3.25

No. 2—Winchester, Copper, 100 in a Box, for Black Powder..... 3.45

Adapted to New Rival Paper and Brass Shot Shells, also .44 and .45 S. & W. and .45 Webley and Colt's as made by Winchester Rep. Arms Co.

100 or 250 in a Box; 1,000 in a Package.

Per 1000

No. 3W—Winchester, Copper, for Smokeless and Black Powder....$3.45

Same size as No. 2. Adapted to Paper Shot Shells using either Smokeless or Black Powder, also .44 S. & W. Russian, .45 Colt's Automatic, as made by W. R. A. Co.

100 in a Box; 1,000 in a Package.

Per 1000

No. 1½—Winchester, Copper, for Black Powder $3.25

Same size as No. 1, but thinner metal and more sensitive. Adapted to .32 S. & W., .32 Colt, .32 Colt's New Police, .32 Long, .32 Short, .38 Short and Long Colt D. A., .38 Colt's Police Positive, .38 S. & W. Special, .41 Short Colt D. A., .41 Long Colt D. A., and .44 Webley's.

250 in a Box; 1,000 in a Package.

Per 1000

No. 2½—Winchester, Brass, for Black Powder $3.25

Same size as No. 2, but thicker metal and less sensitive. Adapted to Military and Sporting Cartridges and 25-20 S. S.

250 in a Box; 1,000 in a Package.

Per 1000

New No. 4—Winchester, Copper, for Smokeless Powder $3.45

Adapted to Winchester Leader and Repeater Paper Shot Shells.

100 in a Box; 1,000 in a Package.

Per 1000

No. 5—Winchester, Brass and Copper, for Smokeless Powder.$3.45

Adapted to .25-35 and .30 Winchester, .25-36, .30-30, .32 and .35 Remington Autoloading Smokeless Cartridges, as made by W. R. A. Co.

100 in a Box; 1,000 in a Package.

Per 1000

No. 5½—Winchester, Brass, for Smokeless Powder.....$3.45

Adapted to .32 Winchester Special, .33 W. C. F., also .32-40, .38-55, .45-70, .45-90 and .50-110 Winchester High Velocity Smokeless Cartridges.

100 in a Box; 1,000 in a Package.

REMINGTON–U. M. C.

Per 1000

No. 1—Remington-U. M. C., Copper, 250 in a Box, for Black Powder..$3.25

No. 1—Remington-U. M. C., Copper, 100 in a Box, for Black Powder.. 3.45

Adapted to .22 W. C. F., .25-20 Stevens, .32 and .38 S. & W., .32 and .38 Short and Long Colt's, .32-20 Marlin, .32-20 Winchester, .38-40 Marlin, .38-40 Winchester, .38 S. & W. Special, .44 S. & W. Am. Model, .44-40 Marlin, .44-40 Winchester.

100 or 250 in a Box; 1,000 in a Package.

Per 1000

No. 1½—Remington-U. M. C., Brass, for Black Powder.....$3.25

Adapted to .25-20 Marlin, .25-20 Winchester, .25-36 Marlin, .32-40 and .38-55 Marlin and Winchester, .40-60 Winchester, .40-60 Marlin and Colt, .45-70 Marlin.

250 in a Box; 1,000 in a Package.

Per 1000

No. 2—Remington-U. M. C., Copper, 250 in a Box, for Black Powder..$3.25

No. 2—Remington-U. M. C., Copper, 100 in Box, for Black Powder.... 3.45

Adapted to .44 S. & W. Russian Model, .45 Colt's Cartridges, New Club Paper Shot Shells, Remington-U. M. C., Best Quality and Club Brass Shot Shells.

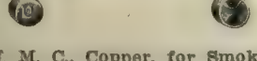
100 or 250 in a Box; 1,000 in a Package.

Per 1000

No. 2½—Remington-U. M. C., Brass, for Black Powder.....$3.45

Same size as No. 2, but thicker metal and less sensitive. Adapted to Military and Sporting Cartridges.

250 in a Box; 1,000 in a Package.

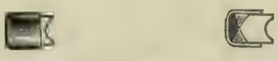


Per 1000

No. 6—Remington-U. M. C., Copper, for Smokeless Powder..$3.45

Adapted to Remington-U. M. C., .32 and .38 Colt's Automatic, .32 and .38 S. & W., .32 Short and .32 Long Colt, .38 Short and Long Colt Smokeless Cartridges.

100 in a Box; 1,000 in a Package.

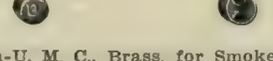


Per 1000

No. 33—Remington-U. M. C., Copper, for Smokeless Powder..$3.45

Adapted to Nitro Club and Arrow Paper Shot Shells.

100 in a Box; 1,000 in a Package.



Per 1000

No. 6½—Remington-U. M. C., Brass, for Smokeless Powder..$3.45

Adapted to .25-20 Winchester and Marlin, .32-20, .38-40, .44-40 Winchester, .25-36 Marlin and .30-30, .25-35, .32-40, .38-55 Smokeless Cartridges.

100 in a Box; 1,000 in a Package.

Per 1000

No. 7—Remington-U. M. C., Copper, for Smokeless Powder.....$3.45

Adapted to Remington-U. M. C., .44 S. & W., Russian Model Smokeless Powder Cartridges.

100 in a Box; 1,000 in a Package.

Per 1000

No. 7½—Remington-U. M. C., Brass, for Smokeless Powder.....$3.45

Adapted to .32 Remington-U. M. C. Special, .32-40 and .38-55 Marlin H. P., .38-56, .38-70, .38-72, .40-65, .40-82, .45-70 U. S. Government and .45-90 Smokeless Cartridges.

100 in a Box; 1,000 in a Package.

Per 1000

No. 8½—Remington-U. M. C., Brass, for Smokeless Powder.....$3.45

Adapted to .30-220 and .303 Savage Expanding or Metal Cased and Miniature Bullet Cartridges as made by Remington-U. M. C. Co.

100 in a Box; 1,000 in a Package.

Gun Caps.

FOR MUZZLE LOADING GUNS

E. B.

F. L.

Musket or Army.

G. D.

	Per 1000
Hick's E. B.—Ground Edge, Waterproof, Center Fire, Nos. 9, 10, 11 and 12	$1.35
Hick's F. L.—Trimmed Edge, Foil Lined, Waterproof, Center Fire, Nos. 9, 10, 11, 12 and 13	1.00
G. D.—Plain, Full Count	.90
Musket or Army—Waterproof	1.55

100 in a Tin Box; 1,000 in a Package.

Shot.

DROP SHOT

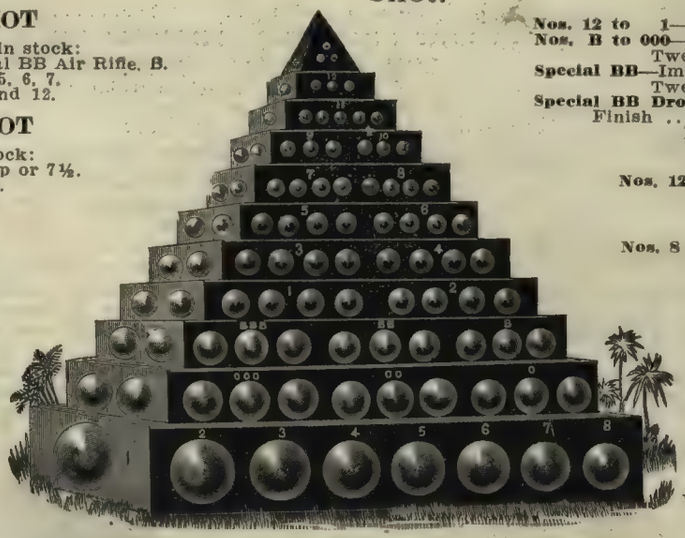
Numbers carried in stock:
Nos. 000, 00, 0, BBB, Special BB Air Rifle, B.
Nos. 1, 2, 3, 4, 5, 6, 7.
Nos. 8, 9, 10 and 12.

CHILLED SHOT

Numbers carried in stock:
Nos. 1, 2, 3, 4, 5, 6, 7, 7 Trap or 7½.
Nos. 8, 9, 10 and 12.

BUCK SHOT

Nos. 1, 2, 3, 4, 5, 6, 7, 8.



DROP SHOT

	Per Sack
Nos. 12 to 1—Improved Finish	$3.55
Nos. B to 000—Improved Finish	4.10

Twenty-five Pounds in a Sack.

Special BB—Improved Finish, for Air Rifles 4.10
Twenty-five Pounds in a Sack.

Special BB Drop Shot—For Air Rifles, Improved Finish 1.12
Five Pounds in a Sack.

CHILLED SHOT

Per Sack
Nos. 12 to 1—Improved Finish 4.10
Twenty-five Pounds in a Sack.

BUCK SHOT

Per Sack
Nos. 8 to 1—Improved Finish 4.10
Twenty-five Pounds in a Sack.

Air Rifle Shot.

WINCHESTER

In Tubes.

Per Dozen
Winchester Air Rifle Shot—In 3½ in. Long Cardboard Tubes, Each Tube Containing 4 oz. of Shot $0.95

Gun Wads.

REMINGTON–U. M. C. CARD BOARD

"A" Thickness 72/1000 in. For Over Powder.

Gauge	10	11	12	13	16
Per 1000	$0.40	.34	.34	.34	.34

"A" thickness will be shipped when orders do not specify others.

REMINGTON–U. M. C. CARD BOARD

"B" Thickness 40/1000 in. For Over Shot.

Gauge	10	11	12	16
Per 1000	$0.40	.34	.34	.34

REMINGTON–U. M. C. GREASE PROOF

For Use Over Smokeless Powder, Covered Black Both Sides, Waterproof.

Gauge	10	11	12
Per 1000	$0.65	.56	.56

WINCHESTER "NITRO" CARD

For Use Over Smokeless Powder, Covered Blue Both Sides.

Gauge	10	11	12
Per 1000	$0.40	.34	.34

REMINGTON–U. M. C. FELT, TRAP OR FIELD

Specially Made to be Used Over Powder with Black Side Down and are Thoroughly Waterproof.

Gauge	10	11	12	16
Per 1000	$2.30	1.85	1.85	1.85

BLACK EDGE FELT, REGULAR THICKNESS

Gauge	8	9	10	11	12	13	16
Per 1000	$1.46	1.26	1.26	1.10	1.10	1.10	1.10

Black Edge Felt, ¼ in. Thick.

Gauge	8	10	11	12	16
Per 1000	$2.20	2.10	1.64	1.64	1.64

Black Edge Felt, ⅜ in. Thick.

Gauge	8	10	11	12	14	16
Per 1000	$6.40	5.00	4.55	4.55	4.55	4.55

250 in a Box; 1,000 in a Package.
⅜ in. Black Edge Felt Wads are Packed 125 in a Box; 500 in a Package.

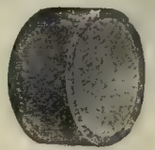
PINK EDGE FELT

Gauge	8	10	11	12
Per 1000	$2.75	2.30	1.85	1.85

Gauge	13	14	16
Per 1000	$1.85	1.85	1.85

250 in a Box; 1,000 in a Package.

WHITE FELT, ⅜ INCH THICK

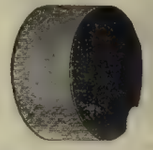


For Use Over Powder Only. Prevents Leading and Fouling of Barrel.

Gauge	8	9	10	11
Per 1000	$7.30	5.45	5.45	5.00
Gauge	12	13	14	16
Per 1000	$5.00	5.00	5.00	5.00

125 in a Box; 500 in a Package.

EXPRESS (WHITE FELT), ⅜ INCH THICK



Lubricated White Felt, Covered with Black Grease Proof Material. Specially Adapted for Use Over Smokeless Powder.

Gauge	10	11	12
Per 1000	$5.45	5.00	5.00

125 in a Box; 500 in a Package.

Dynamite.

Dynamite, Dynamite Caps and Electrical Fuzes are Not Carried in Stock. Write for Market Prices.

AETNA OR DUPONT FARM DYNAMITE.

For Sub-Soiling, Tree Planting and Other Agricultural Blasting.

	Per 100 Lbs.
Aetna or Dupont Farm Dynamite	$.....

STUMP DYNAMITE.

To Meet Conditions where an Explosive Especially Adapted to Stumps is Needed.

	Per 100 Lbs.
Aetna or Dupont Stump Dynamite	$.....

AETNA LOW FREEZING STRAIGHT OR DUPONT RED CROSS LOW FREEZING STRAIGHT DYNAMITE

Standard Size of Cartridge 1¼x8 in.

Per Cent	30	40	50	60
Per 100 Pounds	$.....	.....	.....	.....

AETNA LOW FREEZING STANDARD OR DUPONT RED CROSS LOW FREEZING EXTRA DYNAMITE

Standard Size of Cartridge 1¼x8 in.

Per Cent	30	40	50	60
Per 100 Pounds	$.....	.....	.....	.....

25 and 50 Pounds in a Box.

Dynamite and Powder can be shipped together, but under no circumstances can they be shipped with Dynamite Caps, Electrical Fuzes or any other goods. Dynamite and Powder cannot be shipped by Express or Boat. Dynamite takes Double First-Class Rates. Dynamite in Lots of 200 Pounds and Over will be shipped Freight Prepaid; Less than 200 Pounds, F. O. B. nearest distributing point.

Can ship Dynamite from Romeo, Ill., Ladysmith, Wis., Fond du Lac, Wis., Green Bay, Wis., Grand Rapids, Wis., Barksdale, Wis., Rice Lake, Wis., Hurley, Wis., Minneapolis, Minn., Duluth, Minn., Monroe, Mich., Saginaw, Mich., Iron Mountain, Mich., Marquette, Mich.

Dynamite Caps.

	Per 100
No. XXXXX—Dynamite Caps.	$14.90
No. XXXXXX—Dynamite Caps.	17.35

100 in a Metal Box.

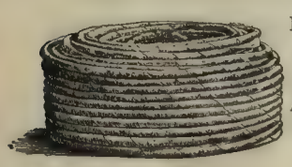
Electrical Fuzes.

Length Wire, Feet	4	6	8	10	12
No. 6—Double Strength. Per 100,	$7.00	8.10	9.20	10.25	11.35
No. 7—Triple Strength. Per 100,	8.00	9.10	10.20	11.25	12.35

Dynamite Caps and Electrical Fuzes cannot be shipped with either Dynamite or Powder, nor with other Goods, but in all cases must be shipped alone by Freight. This frequently is the cause that our customers receive a shipment of Dynamite one day and the Dynamite Caps 2 or 3 days later, but same cannot be avoided.

Electrical Fuzes and Dynamite Caps take Double First-Class Rate in Lots less than 100 Pounds. Can ship from Romeo, Ill., Ladysmith, Wis., Fond du Lac, Wis., Grand Rapids, Wis., Barksdale, Wis., Minneapolis, Minn., Monroe, Mich., Grand Rapids, Mich.

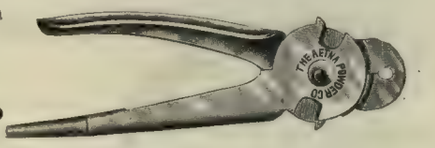
Safety Fuse.



	Per 1000 Feet
Beaver — (Hard Yellow Countering) Waterproof Fuse, for Use in Wet Ground	$7.80
Anchor — (Hard White Countering) Waterproof Fuse, for Use in Very Wet Ground	9.35

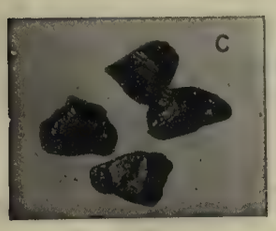
Cap Crimpers and Fuse Cutters.

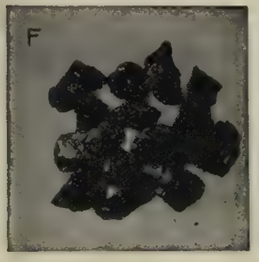
	Per Dozen
No. 1—Combination Crimper and Cutter, Nickel Plated	$6.70

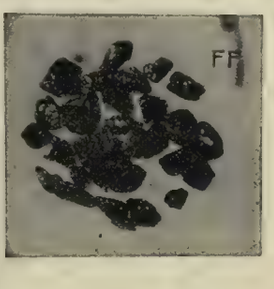


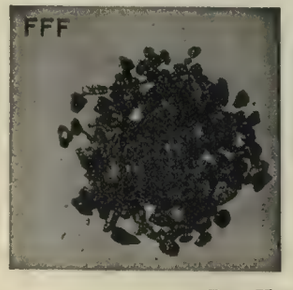
Blasting Powder.

Write for Market Prices.









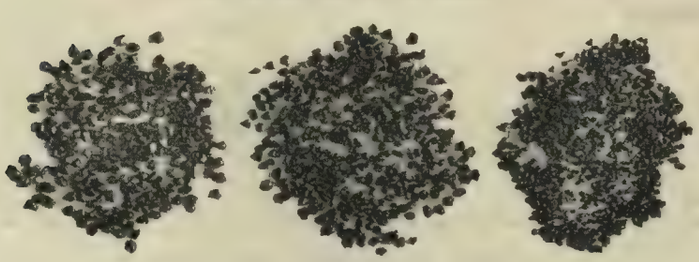
	Per Keg
Blasting Powder—In 25 Lb. Kegs, C, F, FF, FFF	$.....

Can ship from Romeo, Ill., Springfield, Ill., Mooar, Ia., Fond du Lac., Wis., Des Moines, Ia., Grand Rapids, Mich., Monroe, Mich., Minneapolis, Minn., Duluth, Minn., and Chicago, Ill.

Blasting Powder cannot be Packed with other Goods, nor can it be sent by Boat or Express, but Must be Shipped by Freight.

Black Gun Powder.

Powder is Not Carried in Stock.



	Each
Kegs—25 Lbs., (FG, FFG, FFFG)	$11.65
½ Kegs—12½ Lbs., (FG, FFG, FFFG)	6.45
¼ Kegs— 6¼ Lbs., (FG, FFG, FFFG)	3.55
1 Pound Cans—(FG, FFG, FFFG)	.56
½ Pound Cans—(FG, FFG, FFFG)	.34

Can ship from Fond du Lac., Wis., Des Moines, Ia., Chicago, Ill., Duluth, Minn., Minneapolis, Minn.

Black Gun Powder cannot be Packed with other goods, nor can it be sent by Boat or Express, but must be shipped by Freight.

Smokeless Shot Gun Powder.

BALLISTITE SMOKELESS

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder	$26.40
½ Kegs—Equal in Bulk to 12½ Lbs. Black Powder	13.50
¼ Kegs—Equal in Bulk to 6¼ Lbs. Black Powder	6.90
10 Pound Drums	10.80
Canisters—Equal in Bulk to 1 Lb. Black Powder	1.20

DU PONT SMOKELESS

Smokeless Shot Gun Powder.

Powder is Not Carried in Stock.

Smokeless Powder is in all Cases Sold in Bulk, Not by Weight.

Smokeless Shot Gun Powder cannot be Packed with other Goods, nor can it be sent by Express. Can ship from Fond du Lac, Wis., Detroit, Mich., Duluth, Minn., Minneapolis, Minn., Chicago, Ill., and Des Moines, Ia. Powder cannot be shipped by Boat or Express, but Must Go by Freight.

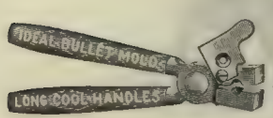
	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder	$26.40
½ Kegs—Equal in Bulk to 12½ Lbs. Black Powder	13.50
¼ Kegs—Equal in Bulk to 6¼ Lbs. Black Powder	6.90
Canisters—Equal in Bulk to 1 Lb. Black Powder	1.20

DEAD SHOT SMOKELESS

	Each
Kegs—Equal in Bulk to 25 Lbs. Black Powder	$26.40
½ Kegs—Equal in Bulk to 12½ Lbs. Black Powder	13.50
¼ Kegs—Equal in Bulk to 6¼ Lbs. Black Powder	6.90
Canisters—Equal in Bulk to 1 Lb. Black Powder	1.20

Reloading Tools.

IDEAL BULLET MOULD



	Each
No. 10—Ideal Bullet Moulds, Grooved, Wood Handle, All Calibers	$1.60

When Ordering, Always Specify Caliber of Cartridge for which it is wanted.

Bullet Moulds are Shipped F. O. B. Factory.

IDEAL

	Per Set
No. 1—Ideal, Nickel Plated, with Cap Extractor, and Charge Cup	$3.25

Suitable for the Following Cartridges:

32 Short.
32 Long U. M. C. and Colt's.
32 S. & W. Short.
32 Extra Long.
38 Short.
38 Long, Outside Lubricant.
38 Extra Long.
38 S. & W.
41 Short Colts, D. A.
41 Long Colts, D. A.

This is a light, compact and complete little Tool, designed especially for loading the smaller Pistol Cartridges, and is capable of performing all the operations required in reloading. As constructed, it moulds the bullet, expels the exploded primer, reseats the new one, forces the bullet to place and crimps the shell upon it, leaving the cartridge ready for use.

IDEAL DIPPER, POT AND HOLDER

	Each
No. 5—Ideal Dippers, Wood Handle	$0.75
No. 6—Ideal Melting Pots	.75
No. 7—Ideal Pot Holders	.75

IDEAL

	Per Set
No. 3-S—Ideal Special, with Single Adjustable Chamber, Cap Extractor and Charge Cup (No Mould)	$4.45
No. 3D—Ideal Special, with Double Adjustable Chamber, Cap Extractor and Charge Cup (No Mould)	5.35

Suitable for the Following Cartridges:

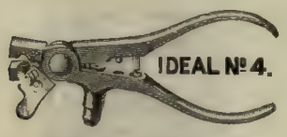
25-20 Stevens' and Winchester Single Shot.	38-55 Winchester and Marlin.
25-20 Marlin and Winchester Repeaters.	38-56 Winchester, Colt's and Marlin.
25-20 and 25-25 Stevens.	40-60 W. C. F.
25-35 Winchester.	40-60 Colt's and Marlin.
25-36 Marlin.	40-65 W. C. F.
30-40 U. S. Army.	40-70 Bottle Neck.
30-30 Winchester, Marlin and Savage.	40-72 Winchester.
32-40 Marlin H. P.	40-82 W. C. F.
32 Winchester Special.	45-60 W. C. F.
32 Marlin H. P.	45-70-405 U. S. Gov't.
	45-70-500 U. S. Gov't.
	45-70 Marlin.
	45-90 W. C. F.

	Per Set
303 Savage	$4.45

For Hand Reloading this Implement is the Handiest and Most Complete Tool Made.

Reloading Tools.

IDEAL



	Per Set
No. 4—Ideal, Nickel Plated	$3.60

Suitable for the Following Cartridges:

25-20 Single Shot.	38 Winchester.
25-20 Marlin.	38 S. & W.
25-20 Winchester.	38-40 Marlin.
32 Colt's.	38 S. & W. Russian.
32 Winchester and 32 S. & W. Police.	44 Winchester.
32-20 Marlin.	44-40 Marlin.
	44 S. & W. American.

	Per Set
No. 6—Ideal, Nickel Plated	$4.30

Suitable for the Following Cartridges:

25-35 Winchester.	38-72 Winchester.
25-36 Marlin.	40-60 Winchester and Marlin.
30-30 Winchester.	40-65 Winchester and Marlin.
30-30 Marlin.	40-70-330 Winchester.
30-30 Savage.	45-60 Winchester.
32-40 Marlin and Winchester.	45-90-300 U. S. Gov't.
38-55 Marlin and Winchester.	30-30 Savage.
38-56 Marlin and Winchester.	

In ordering Ideal Tools, state what particular Cartridge is to be Reloaded, as only One Size can be Reloaded with a Single Set.

WINCHESTER

Bullet Mould.

Charge Cup.

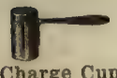
Extractor Plug.

Reloader.

No. 1873—Reloading Sets, Suitable for Center Fire and Model 1873 Winchester Rifle Cartridges.

	Per Set
25-20 Caliber, Marlin	$3.60
25-20 Caliber, Winchester	3.60
25-20 Caliber, Winchester Single Shot	3.60
32 Caliber, Winchester, Model 1873	3.60
32 Caliber, Smith & Wesson	3.60
32 Caliber, Colt's Long	3.60
32 Caliber, Short	3.60
32 Caliber, Smith & Wesson	3.60
38 Caliber, Short	$3.60
38 Caliber, Long	3.60
38 Caliber, Winchester, Model 1873	3.60
44 Caliber, Winchester, Model 1873	3.60
44 Caliber, S. & W. Russian	3.60
44 Caliber, S. & W. American	3.60
44-40 Caliber, Marlin	3.60

Bullet Mould.



Charge Cup.

Extractor Plug.

Reloader.

No. 1894—Reloading Sets, for Sporting and Military Cartridges.

	Per Set
25-35 Caliber, Winchester Metal Patched Bullet	$2.90
30-30 Caliber, Winchester Metal Patched Bullet	2.90
30-30 Caliber, Winchester Short Rrange, with Bullet Mould	4.30
30 Caliber, U. S. Army, Metal Patched Bullet	2.90
30 Caliber, Army, Short Range, with Bullet Mould	4.30
32 Caliber, Winchester Special, for Black Powder Only	4.30
32-40 Caliber, Winchester	4.30
38-55 Caliber, Winchester	4.30
38-56 Caliber, Winchester	$4.30
38-70 Caliber, Winchester	4.30
38-72 Caliber, Winchester	4.30
40-60 Caliber, Winchester	4.30
40-65 Caliber, Winchester	4.30
40-70 Caliber, Winchester	4.30
40-72 Caliber, Winchester	4.30
40-82 Caliber, Winchester	4.30
45-70 Caliber, Marlin	4.30
45-70-405 Caliber, U. S. Government	4.30
45-75 Caliber, Winchester	4.30
50-70 Caliber, U. S. Government	4.30
50-95 Caliber, Express	5.00

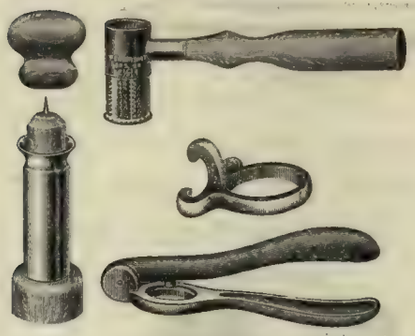
A Set consists of one each, Reloader, Bullet Mould, Charge Cup and Extractor Plug, excepting the 25-35 Winchester Metal Patched, 30 Winchester Metal Patched, 30 Army Metal Patched, which do not have a Bullet Mould. These Cartridges use only the Metal Cased Bullets, and the Bullets must be furnished by Factory. When ordering Winchester Reloading Sets, be careful to give Number of Sets; also Cartridge for which they are wanted.

Charge Cups will not be furnished with Reloading Tools for Smokeless Powder Cartridges. Smokeless Powder should be Weighed, not Measured.

NOTE—All Above Reloading Tools are Shipped F. O. B. Factory.

Loading Implements.

FOUR PIECE SET



For Brass Shells.

Per Dozen Sets

No. 2/SX—Set Contains One Each, Loader, Measure, Recapper and Shell Extractor, 10, 12, 16 and 20 Gauge.....**$6.70**

Weight Per Dozen Sets About 10 Lbs.

One Set in a Box.

FIVE PIECE SET

For Brass and Paper Shells.

Per Dozen Sets

No. 3/SX—Set Contains One Each, Bench Closer, Loader, Recapper, Measure, and Shell Extractor, 10, 12, 16 and 20 Gauge.....**$15.55**

Weight Per Dozen Sets About 15 Lbs.

One Set in a Box.

SIX PIECE SET

For Brass and Paper Shells.

Per Dozen Sets

No. 1/SX—Set Contains One Each, Bench Closer, Loader, Recapper, Measure, Shell Extractor, Rod with Swab, Scratch Brush and Wiper, 10, 12, 16 and 20 Gauge...**$23.35**

Weight Per Dozen Sets About 18 Lbs.

One Set in a Box.

LOADING BLOCKS

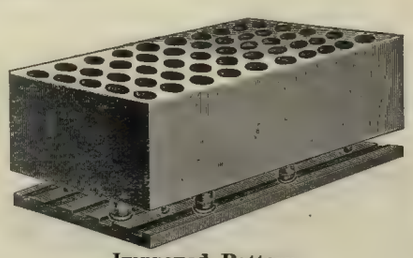
Improved Pattern, with Loader.

Per Dozen

No. 75—20 Hole, Whitewood, 10, 12 or 16 Gauge.....**$11.10**

Weight Per Dozen About 24 Pounds.

One in a Box.



Improved Pattern.

Per Dozen

No. 77—50 Hole, Whitewood, 10, 12 or 16 Gauge.....**$35.55**

Weight Per Dozen About 36 Pounds.

One in a Box.

LOADERS AND DECAPPERS

Birch Rammer.

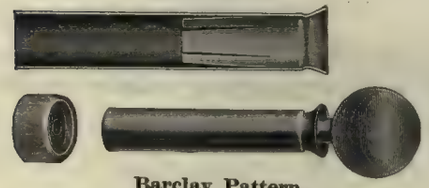
Per Dozen

No. 6AX—Polished Nickel Spun Tube, Fine Steel Cap Expelling Pin, 10, 12 and 16 Gauge **$2.25**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

LOADERS



Barclay Pattern.

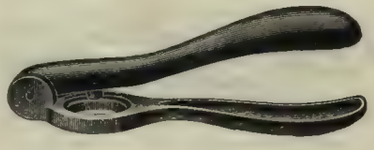
Per Dozen

No. 147—Hardwood Rammer, Applewood Head, Inside Spring, Polished Nickel Tube, 10 and 12 Gauge.....**$9.45**

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

RECAPPERS



Malleable Iron.

Per Dozen

No. 1CX—Japanned, 10, 12, 16 and 20 Gauge **$1.55**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

WAD CUTTERS

Best Steel, Handsomely Finished, Sharp Ground Cutters.

Per Dozen

Gauges—9 and 10.....**$2.45**

Gauges—11, 12, 13, 14, 15, 16 and 20 ..... **2.25**

Weight Per Dozen About 3 Pounds.

One Dozen in a Box.

Powder and Shot Measures.

Ideal, Nickel Plated.

Per Dozen

No. 15—Brass Cup, Capacity 2½ to 5 Drams of Powder, 1 to 2¼ Oz. Shot **$2.80**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Brass Cup, Nickel Plated.

Per Dozen

No. 1EX—Cherry Rammer Handle, Capacity 2½ to 5 Drams of Powder, 1 to 2¼ Oz. Shot.**$2.80**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Micrometer Measures.

Per Dozen

No. 28—Brass Cup, Nickel Plated, for Nitro or Black Powder, Capacity 2½ to 4¾ Drams of Powder, 1 to 2⅛ Oz. Shot **$8.90**

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Loading Implements.

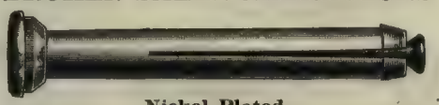
SHELL EXTRACTORS

Nickel Plated.

Per Dozen

No. 2DX—Malleable Iron, 10, 12, 16 and 20 Gauge....**$1.00**
Weight Per Dozen About ½ Pound.
Two Dozen in a Box.

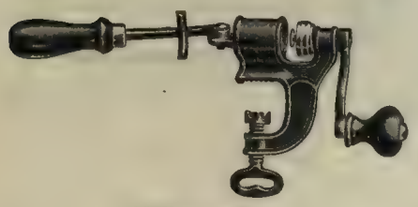
BROKEN SHELL EXTRACTORS



Nickel Plated. Per Dozen

No. 15—Marble's, Rifle and Shell Extractors, for All Calibers **$13.35**
Weight Per Dozen About ½ Pound.
One Dozen in a Box.
When Ordering, Specify Make and Caliber of Rifle Wanted For.

BENCH CLOSERS



Malleable Iron.

Per Dozen

No. 1BX—Black Japanned, Case Hardened Lever, Brass Cup, Hardwood Trimmings, 10, 12, 16 and 20 Gauge.....**$9.45**
Weight Per Dozen About 10 Pounds.
One-twelfth Dozen in a Box.

Semi-Steel Frame.

Each

No. 1—Ideal Star, Case Hardened Steel Head, Crucible Steel Crimping Pin, 10, 12 and 16 Gauge **$4.45**
Extra Steel Heads **1.75**
Weight Each About 1¼ Pounds.
One in a Box.

Cleaning Implements.

GUN CLEANERS

No. 10. No. 15. No. 20.

Per Dozen

No. 10—Wool Swabs, 10, 12 and 16 Gauge **$1.45**
No. 15—Steel Wire Scratch Brushes, 10, 12 and 16 Gauge **1.35**
No. 20—Wipers, 10, 12 and 16 Gauge **1.00**
Weight Per Dozen About ½ Pound.

Spiral. Per Dozen

No. 248—Bristle Brush, Twisted Steel Core, Brass Shank and Tip, 10, 12 and 16 Gauge .....**$ 5.55**
No. 248B—Brass Wire Brush, Twisted Steel Core, Brass Shank and Tip, 10, 12 and 16 Gauge **12.20**
Fits Any Standard Cleaning Implement.
Weight Per Dozen About 1 Pound.

GUN CLEANING RODS

Wooden Rod. Per Dozen

No. 200—40 in. Long, 1 in. Diameter, Gray Bristle Brush, to Fit 8 to 16 Gauge Guns.....**$2.25**
Weight Per Dozen About 12 Pounds.

Three Joints, Brass Trimmings.

Per Dozen

No. 21H—Madeira, Patent Telescope Screw, with Swab, Scratch Brush and Wiper, 10, 12 and 16 Gauge.....**$13.90**
No. 24H—Cocobolo, Patent Telescope Screw, Nickel Plated Brass Trimmings, with Swab, Scratch Brush and Wiper, 10, 12 and 16 Gauge **20.00**
No. 25HX—Beechwood, Patent Telescope Screw, with Swab, Scratch Brush and Wiper, 10, 12, 16 and 20 Gauge... **4.45**
Weight Per Dozen About 6 Pounds.
One-half Dozen in a Box.

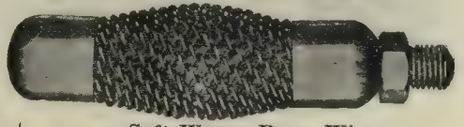
Cleaning Implements.

GUN CLEANERS

Brass Wire.

Per Dozen

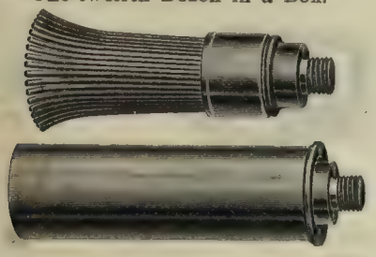
No. 52—Lefever's Ideal, 10, 12 and 16 Gauge.....**$8.90**
Will fit any Standard Rod and designed to fit the entire length of the inside of shot gun barrels.
Weight Per Dozen About 1½ Pounds.
One-twelfth Dozen in a Box.



Soft Woven Brass Wire.

Per Dozen

No. 148B—Criss Cross, Brass Ferrules, Adjustable Nut, 10, 12, 16 and 20 Gauge.....**$6.10**
Fits Any Standard Cleaning Rod.
Weight Per Dozen About 1½ Pounds.



Brass Spring Wire.

Per Dozen

No. 50—Budd-Petmecky, Brass Spring Wire Brush, with Case, 10, 12 and 16 Gauge.**$11.10**
Weight Each About 2 Pounds.
One Dozen in a Box.

Brass Wire Gauze.

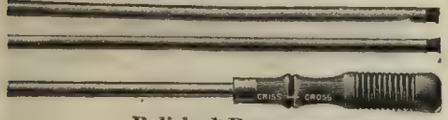
Per Dozen

No. 48—Tomlinson, 10, 12 and 16 Gauge **$3.90**
Weight Per Dozen About 2 Pounds.

Per Dozen Pairs

Extra Brass Wire Pads.....**$1.10**
Will fit any Standard Rod, and is so arranged as to fit the entire length of the inside of shot gun barrels.

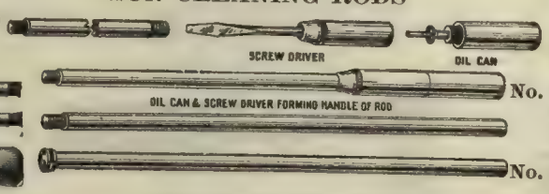
GUN CLEANING RODS



Polished Brass.

Per Dozen

No. 350—Criss Cross, Rubberoid Handle, 10, 12 and 16 Gauge **$11.10**
Fits Any Standard Cleaning Implement.
Weight Per Dozen About 4 Pounds.
One-half Dozen in a Box.

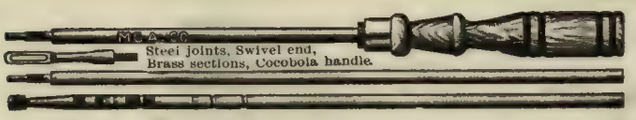


Three Joints, Brass.

Per Dozen

No. 300—Powers', with Oiler and Screw Driver in Handle, 10, 12 and 16 Gauge, Complete in Canvas Bag.....**$31.10**
Weight Per Dozen About 10 Pounds.
One-half Dozen in a Box.

Rifle Cleaners and Rods.



Sectional views of swivel and joint of "MARBLE'S RIFLE ROD."

Marble's Jointed Rifle Rods.

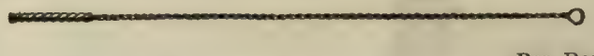
Per Dozen

No. 96—$\frac{7}{32}$ in. Diam., for 22 and 25 Caliber Rifles..**$17.80**
No. 97—¼ in. Diam., for 28 Caliber and Up..... **17.80**

When Ordering State Caliber Wanted.

This Rod consists of Three Brass Sections, Two Steel Joints and Steel Swivel at end. Furnished with Jagged and Slotted Detachable Tips. This Rod will not Wobble, Bend or Break at the Joints. The Swivel at its end makes it of unusual merit and value. A Rod or Tip that does not revolve, merely gathers the dirt into the Rifling and leaves it there.

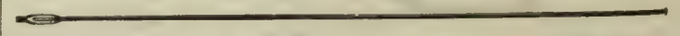
Weight Per Dozen About 6 Pounds.



Per Dozen

No. 4—Twisted Copper Wire Cleaning Rods, with Brush, for Flobert and Other Rifles of 22 and 32 Caliber **$0.45**
No. 5—Plain Hickory Cleaning Rods, with Slot, for 30, 32, 38 and 44 Calibers..... **1.10**
No. 6—Ringed Brass Cleaning Rods, with Slot, for 22, 32, 38 and 44 Calibers..... **2.00**
No. 7—Ringed Coppered Iron Cleaning Rods, with Slot, for 22 and 32 Calibers..... **.45**

Weight Per Dozen About 1 Pound.
One Dozen in a Bundle.



Per Dozen

No. 501—Iron Cleaning Rods, 23 in. Long, End Flatted and Slotted, 22 Caliber.....**$0.50**

Weight Per Dozen About 1 Pound.

Per Dozen

No. 540—Four Piece Brass Cleaning Rods, 30 in. Long, Cocobolo Swivel Handle, Tip Notched and Slotted.....**$4.50**
No. 541—Three Piece Brass Cleaning Rods, 20 in. Long, Cocobolo Swivel Handle, Tip Notched and Slotted..... **4.50**

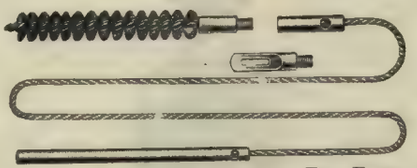
For 22, 25, 30, 32, 38, 44 and 45 Calibers.

Weight Per Dozen About 4 Pounds.

Per Dozen

No. 246—Bristle Brushes, Twisted Wire, Brass Shank, 22, 25, 32, 38, 44 and 45 Caliber...**$1.75**
No. 246B—Brass Wire Brushes, Twisted Wire, Brass Shank, 22, 25, 32, 38, 44 and 45 Caliber **1.75**

Weight Per Dozen About 1 Pound.



Per Dozen

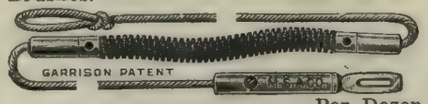
No. 3—U. S. Government Rifle Cleaners, Bristle Brush and Slotted Wiper, with Detachable Cord and Weight..**$4.45**

When Ordering, State Caliber Wanted.

Consists of a Bristle Brush and Slotted Wiper, with Detachable Cord and Weight for dropping through Barrel. A separate Slotted Wiper is furnished for drawing through a dry cloth and for oiling purposes.

Weight Per Dozen About 4 Pounds.

Can be used with Nos. 246 and 246B Brushes.



Per Dozen

No. 10—Marble's Field Cleaners, Detachable Cord and Weight.**$13.35**

When Ordering, State Caliber Wanted.

This Field Cleaner is built on the same general lines as the No. 8 Rifle Cleaner. It is designed to be carried in the pocket for use on the field.

Weight Per Dozen About 1 Pound.

Per Dozen

No. 8—Marble's Rifle Cleaners..$8.90

When Ordering, State Caliber Wanted.

Consists of a spirally-bent spring tempered wire with sections of very soft brass wire gauze washers separated by soft metal washers. The brass gauze brushes are a little smaller than the bore of the rifle they are intended to clean, and in pushing the cleaner through the barrel the spring of the wire core forces the brass gauze brushes firmly against the entire circumference of the bore of rifle, thus removing spots of lead, burnt powder, or rust.

Weight Per Dozen About 1 Pound.

Revolver Cleaners.

Per Dozen

No. 9—Bristle Revolver Brushes, for 22, 32, 38 and 44 Caliber.**$0.60**

Weight Per Dozen About ½ Pound.

Marble's Anti-Rust Ropes.

Anti-Rust Rope for Shot Guns.

Each

Marble's Anti-Rust Ropes—For Shotguns and Rifles.....**$0.80**

When saturated with oil these "Ropes" exclude all air and moisture and make it impossible for the barrels to rust.

Weight Per Dozen About 2 Pounds.

Note—When Ordering, State Gauge or Caliber Desired.

ANTI-RUST ROPE FOR RIFLES.

Rust Remover.

In Collapsible Tubes.

Per Dozen

No. 100—Winchester Rust Remover, Removes Rust from the Bores of All Kinds of Firearms and Metallic Instruments **$2.25**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Gun Grease.

In Collapsible Tubes.

Per Dozen

No. 50—Winchester, a Positive Rust Preventive.....**$1.70**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Gun Oil.

NITRO-SOLVENT

Per Dozen
No. 244—In 2 Oz. Bottles.....**$4.50**
Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

WINCHESTER

Per Dozen
No. 30—In 2 Oz. Bottles.....**$1.70**
Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

REM-OIL

Per Dozen
No. 85—In 2½ Oz. Bottles.....**$3.90**
Weight Per Dozen About 6 Pounds.
One Dozen in a Box.

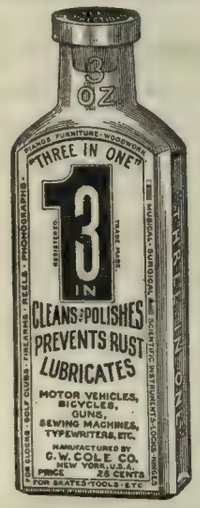
FITZSIMMONS

Per Dozen
No. 35—In 2 Oz. Bottles.....**$4.50**
Weight Per Dozen About 4 Pounds.
One Dozen in a Box.

SIGNET

Per Dozen
No. 80—In 1 Oz. Bottles, Weight
Per Dozen About 3½ Lbs...**$1.55**
No. 81—In 3 Oz. Bottles, Weight
Per Dozen About 7 Lbs..... **3.80**
No. 82—In 3½ Oz. Cans, Weight
Per Dozen About 8 Lbs..... **4.00**
One Dozen in a Box.

THREE IN ONE



Per Dozen
No. 50—1 Oz. Bottles, 2 Dozen in
a Box, Weight Per Dozen
About 3½ Lbs.....**$1.75**
No. 55—3 Oz. Bottles, 1 Dozen in
a Box, Weight Per Dozen
About 7 Lbs..... **4.00**
No. 56—8 Oz. Bottles, 1 Dozen in
a Box, Weight Per Dozen
About 17 Lbs..... **8.90**

MANY-USE

No. 69. Nos. 60 and 64.

Per Dozen
No. 60—2 Oz. Bottles, 1 Dozen in
a Box, Weight Per Dozen
About 2 Lbs.....**$1.45**
No. 64—6 Oz. Bottles, ½ Dozen
in a Box, Weight Per Dozen
About 6 Lbs..... **4.00**
No. 69—2 Oz. Cans, with Screw-
off Spout, 1 Dozen in a Box,
Weight Per Dozen About 2
Lbs..... **1.75**

MANY-USE

Nos. 61 and 62.

Per Can
No. 61—½ Gallon Tin Can, with
Screw-off Top, Weight Each
About 6 Lbs.....**$ 2.25**
No. 62—5 Gallon Tin Can, with
Screw-off Top, Weight Each
About 40 Lbs..... **16.75**

MANY-USE

No. 63.

Per Dozen
No. 63—3 Oz. Flat Can, with Ball
Bearing Spout Oiler, 1 Dozen
in a Box.....**$4.50**
Weight Per Dozen About 4 Pounds.

Hunters' Coats.

Heavy Drill.

Per Dozen

No. 1—Dead Grass Color, Two Double Pockets, One Breast Pocket, Two Inside Skirt Game Pockets, Chest Measure 36 to 48 in.....**$17.20**

Weight Per Dozen About 20 Pounds.

No. 6.

NIMROD

Strictly Waterproof, Nimrod Cloth Inside and Outside.

Each

No. 32—Dead Grass Color, New Style High Roll Fine Rib Corduroy Collar, Ventilated Gusset Under Arms, Sleeves Double on Upper Half, Adjustable Cuffs with Corduroy Facing, Two Large Cut-in Shell Pockets on Sides, Left Breast and Match Pocket Protected by Flaps, Whistle Pocket, Inside Game Pockets Throughout Full Body with Entrance at Front Edges and Back Seam, Genuine Horn Buttons, Chest Measure 38 to 48 in.....**$7.50**

Weight Per Dozen About 42 Pounds.

JUNGLE BRAND

8 Ounce Duck.

Per Dozen

No. 2—Dead Grass Color, Corduroy Collar, Drill Lined, Two Double and One Breast Pocket with Flaps, Two Inside Skirt Game Pockets with Front Entrance, Chest Measure 36 to 48 in.....**$24.25**

Weight Per Dozen About 24 Pounds.

JUNGLE BRAND

10 Ounce Standard Duck.

Per Dozen

No. 6—Dead Grass Color, Full Drill Lined, Reinforced Shoulders, Corduroy Collar, Adjustable Lined Cuffs, Two Double and Two Breast Pockets with Flaps, Full Game Pockets, Front and Side Entrance, Double Stitched, Chest Measure 36 to 48 in.....**$48.85**

Weight Per Dozen About 30 Pounds.

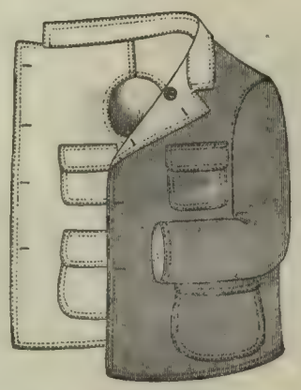
10 Ounce Standard Duck.

Per Dozen

No. 8—Dead Grass Color, Drill Lined, Reinforced Shoulders, Corduroy Collar, Adjustable Cuffs, Two Double and One Breast Pocket with Flaps, One Whistle and Two Game Pockets with Entrance at Front Edge and Back Seam, Double Stitched, Chest Measure 36 to 48 in.....**$40.00**

Weight Per Dozen About 30 Pounds.

REVERSIBLE



Oiled Tanned Leather, Tan Color, and Imported Corduroy.

Each

No. 424—Reversible, Two Large and Two Small Pockets on Each Side, Four Button, Double Breasted, Chest Measure 38 to 48 in.....**$13.25**

Weight Per Dozen About 38 Pounds.

8 Ounce Duck.

Per Dozen

No. 5—Dead Grass Color, Drill Lined, **Leather Bound**, Shoulder Reinforced, Corduroy Collar, Adjustable Cuffs, Two Double and One Breast Pocket with Flaps, One Whistle and Two Game Pockets with Entrance from Front Edge and Back Seam, Double Stitched, Chest Measure 36 to 48 in.....**$37.75**

Weight Per Dozen About 30 Pounds.

No. 8.

WATERPROOF

Uniform Cloth.

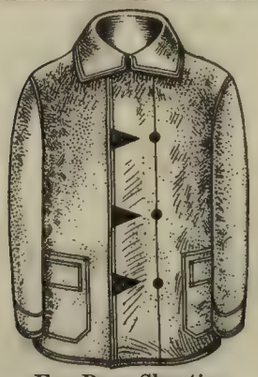
Each

No. 7275—Twill Lining, Genuine Slicker Cloth Interlined, Guaranteed Wind and Waterproof, Large Corduroy Collar, Gussets Under Arm Inside, Five Outside Pockets, Two Game Pockets, Entrance from Front Edge and Back Seam, Chest Measure 38 to 48 in...**$6.75**

Weight Per Dozen About 32 Pounds.

Hunters' Coats.

MACKINAW JACKET



For Deer Shooting. Each

No. 823—Red Mackinaw Jacket, Heavy Weight Wool, Double Breasted, Leather Reinforced Button Holes, 5½ in. Ulster Collar, Two Outside Pockets, Chest Measure 36 to 48 in. **$9.50**

Weight Per Dozen About 70 Pounds.

Hunters' Vests.

JUNGLE BRAND

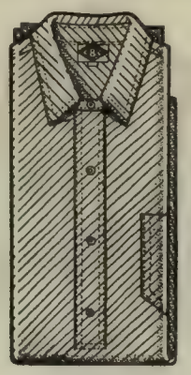
8 Ounce Duck.

Per Dozen

No. 15—Dead Grass Color, Looped for Shells, Closed at Bottom, Either 10, 12, 16 or 20 Gauge, Chest Measure 36 to 44 in. **$17.80**

Weight Per Dozen About 8 Pounds.

Hunters' Shirts.



Twilled Uniform Cloth.

Per Dozen

No. 4506—Grass Shade, Printed Yoke, Double Stitched, Pearl Buttons, One Pocket **$23.35**

Sizes 14, 14½, 15, 15½, 16 and 16½.

Weight Per Dozen About 8 Pounds.

Shooting Jackets.

No. 800.

Each

No. 699—Men's All Wool, V Collar, Reinforced Button Holes, Pearl Buttons, Can be Buttoned Close to Neck, Oxford Grey Color, Sizes 38, 40, 42 and 44 in., Weight Each About 1½ Lbs. **$5.00**

No. 800—Men's All Wool, Double Shawl Collar, Two Pockets, Reinforced Button Holes, Pearl Buttons, Oxford Grey Color, Sizes 38, 40, 42 and 44 in., Weight Each About 1¾ Lbs. **6.10**

One in a Box.

No. 1560.

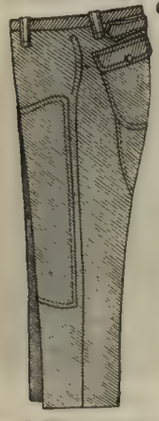
Each

No. 710—Men's Fine All Worsted Wool, V Collar, Two Pockets, Reinforced Button Holes, Pearl Buttons, Can be Buttoned Close to Neck, Oxford Grey Color, Sizes 38, 40, 42 and 44 in., Weight Each About 2 Lbs. ..... **$ 7.80**

No. 1560—Men's All Wool, Jumbo Knit, Single Shawl Collar, Lined Pockets, Reinforced Button Holes, Pearl Buttons, Oxford Grey Color, Sizes 38, 40, 42 and 44 in., Weight Each About 2½ Lbs. **11.10**

One in a Box.

Hunters' Pants.



Nimrod Waterproof Cloth.

Per Dozen Pairs

No. 10—Dead Grass Color, Large Pattern, Reinforced Seat and Front of Legs, Two Side Cut-in Pockets, Two Hip Cut-in Pockets with Flaps to Button, Watch Pocket, Belt Loops and Inside Suspender Buttons **$46.65**

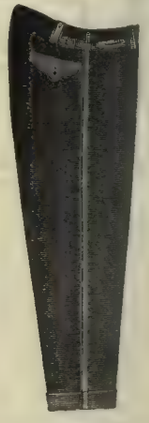
Weight Per Dozen About 22 Pounds.

8 Ounce Duck.

Per Dozen Pairs

No. 17—Dead Grass Color, Three Patch Pockets, Double Stitched **$22.25**

Weight Per Dozen About 20 Pounds.



Government Khaki.

Per Dozen Pairs

No. 5103—Peg Top and Cuff Bottom, Two Side Buckle Straps, Two Hip Pockets, Two Side Pockets, One Watch Pocket, Waist Measure 28 to 42 in. **$33.40**

Weight Per Dozen About 21 Pounds.

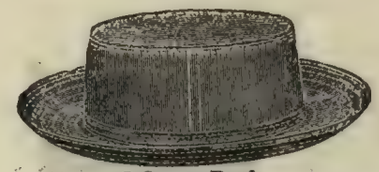
Hunters' Hats.

7 Ounce Duck.

Per Dozen

No. 11—Round Crown, Dead Grass Color, Unlined, Stitched Brim, Taped Seams.....$8.50

Weight Per Dozen About 3 Pounds.



8 Ounce Duck.

Per Dozen

No. 22—Flat Top, Dead Grass Color, Unlined, Stitched Brim, Taped Seams.....$9.80

Weight Per Dozen About 3 Pounds.

Double Stiff Visor.

Per Dozen

No. 12—7 Oz. Duck, Taped Seams.....$ 8.50

No. 14—Extra Quality Corduroy, Drab Color, Unlined..... 10.55

Weight Per Dozen About 3 Pounds.

Hunters' Caps.

Windsor Style.

Per Dozen

No. 13—Extra Quality Corduroy, Drab Color, Lined.....$10.00

Weight Per Dozen About 3 Pounds.

Jockey Corduroy.

Per Dozen

No. 1—Reversible, Red Flannel Lined, Stiff Visor.....$13.35

Weight Per Dozen About 3 Pounds.

8 Ounce Duck.

Per Dozen

No. 27—Dead Grass Color, Single Stiff Visor, Full Cape....$7.25

Weight Per Dozen About 3½ Pounds.

Shell Belts.

Heavy Canvas.

Per Dozen

No. 20—Web Loops, Swell Billet and Buckle, 10, 12, 16 and 20 Gauge.....$3.60

Weight Per Dozen About 2½ Pounds.

Russet Leather. Per Dozen

No. 25—Embossed Leather Loops, Swell Billet and Shoulder Straps, Plain Buckle, 10, 12, 16 and 20 Gauge.....$10.25

No. 26—Heavy, 2 in. Wide, Embossed Leather Loops, Swell Billet and Shoulder Strap, Plain Buckle, 12 and 16 Gauge..... 15.55

Weight Per Dozen About 5 Pounds.

Cartridge Belts.

Russet Leather.

Embossed Leather Loops, Swell Billet, Nickel Plated Buckle.

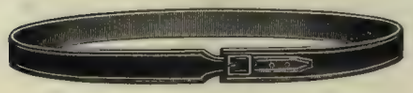
Per Dozen

No. 30—1½ in. Wide, 22 Caliber Rim Fire and 32, 38 and 44 Caliber Center Fire....$ 8.35

No. 35—2¼ in. Wide, 22 Caliber Rim Fire and 30, 32, 38 and 44 Caliber Center Fire. 11.70

Weight Per Dozen About 7 Pounds.

Holster Belts.



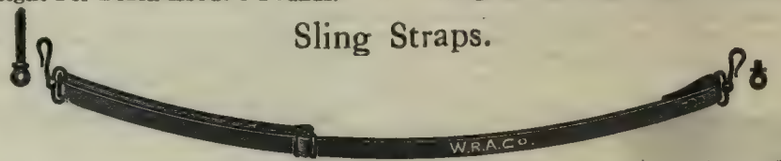
Extra Heavy, Russet Leather.

Per Dozen

No. 90—1½ in. Wide, with Roller Buckle, 32 to 44 in.....$5.60

Weight Per Dozen About 3 Pounds.

Sling Straps.



Selected Leather. Each

No. 1—Sling Straps, with Swivel Snap Hooks.....$2.25

This Sling Strap can be attached to any other Rifle or Shot Gun. It is made of selected leather, and has a patent buckle, which permits its being lengthened or shortened easily.

Weight Per Dozen About 6 Pounds.

Leggings.

Nos. 840 and 842.

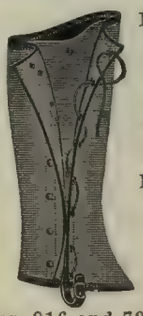
Per Dozen Pairs

No. 840—E-Z On, Extra Heavy Standard Duck, Tan Color, Side Spring, One Fastener, Snow, Rain and Sand Proof, Calf 14 to 18 in...$13.40

No. 842—E-Z On, Oxford Covert Cloth, Lined with Heavy Blanketing, Interlined with Rubber, Side Spring, One Fastener, Snow, Rain and Sand Proof, Calf 14 to 18 in... 13.40

No. 626—Extra Heavy Duck, Army Lace, Leather Bound Top and Bottom, Calf 14 to 18 in..... 7.25

No. 626.



Nos. 816 and 792.

Per Dozen Pairs

No. 816—Gusset, Oxford Covert Cloth, Lined with Heavy Blanketing, Interlined with Rubber, Army Lace, Leather Bound Top and Bottom, Snow, Rain and Sand Proof, Calf 14 to 18 in.....$12.75

No. 792—No-Leak, Heavy Dyed and Waterproofed Duck, Army Lace, Leather Bound Top and Bottom, Snow, Rain and Sand Proof, Calf 14 to 18 in... 13.40

Nos. 52L and 052L.

Per Dozen Pairs

No. 52L—Covert Cloth, Blanket Lined, Army Lace, Rawhide Straps, Calf 14 to 18 in.....$10.00

No. 052L—Boys', Covert Cloth, Blanket Lined, Army Lace, Leather Bound Top and Bottom, Rawhide Straps, Calf 9 to 13 in..... 9.00

Weight Per Dozen About 9 Pounds.

Hunting Boots.

No. 813.

No. 814.

No. 796.

Viscolized Uppers and Soles, Large Eyelets, Rawhide Laces, "EE" Widths Only.

	Per Pair
No. 796—Men's Tan Chrome Veal Viscolized Blucher, 16 in. High Cut Tip, Grain Bellows Tongue, 2 Buckles and Cuff, Outside Sole Leather Counter, 1⅛ in. Extension Seat Heel, Two Full Viscolized Oak Soles, Welt, Heavy Double Stitched	$15.55
No. 813—Men's Tan Chrome Veal Viscolized Hunting Blucher, 17 in. High Cut Tip, Grain Bellows Tongue, Side Lace, Cuff, 1 in. Extension Seat Heel, Single Viscolized Oak Sole, Welt, Heavy Single Stitched	14.45
No. 819—Men's Brown Resisto Veal Blucher, 14 in. High Cut, Tip, Grain Bellows Tongue, 2 Buckles and Cuff, Outside Counter Pocket, 1⅛ in. Extension Seat Heel, 2 Full Viscolized Oak Soles, Welt, Heavy Double Stitched	13.35
No. 811—Men's Tan Chrome Veal Viscolized Blucher, 12 in. High Cut, Tip, Grain Bellows Tongue, 1⅛ in. Extension Seat Heel, 2 Full Viscolized Oak Soles, Welt, Heavy Double Stitched	12.80
No. 812—Single Viscolized Oak Sole, Single Stitched, Otherwise Same as No. 811	12.25
No. 927—Men's Brown Resisto Veal Blucher, 12 in. High Cut, Tip, Bellows Tongue, 2 Buckles, 1⅛ in. Heel, One-half Double Oak Sole, Clinch Nailed, Lock Stitched	8.90
No. 926—Black, Otherwise Same as No. 927	8.90
No. 815—Men's Brown Resisto Veal Blucher, 16 in. High Cut, Grain Bellows Tongue, 1⅛ in. Extension Seat Heel, 2 Full Viscolized Oak Soles, Welt, Heavy Double Stitched	13.35
No. 820—12 in. High Cut, Otherwise Same as No. 815	12.25
No. 814—Men's Tan Chrome Veal Blucher, 14 in. High Cut, Tip, Grain Bellows Tongue, 2 Buckles and Cuff, 1 in. Extension Seat Heel, Single Viscolized Oak Sole, Welt	13.35

Sizes 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10, 10½ and 11.
When Ordering, Always Mention Size Wanted.
Weight Per Pair About 3½ Pounds.

No. 100.

Leather Top Rubbers.

	Per Pair
No. 100—Men's Muskegon, 10 in. High, Pure Gum Duck Lumbermen Overs, Heel, Rolled Edge, Klondike Hooks and Eyelets, Rawhide Laces, for Socks	$6.10
No. 150—Men's Chippewa, 12 in. High, Gum Ribbed Overs, Rolled Edge, Klondike Eyelets, Rawhide Laces, for Socks	6.70

Sizes 6, 7, 8, 9 ,10, 11 and 12.
When Ordering, Always Mention Size Wanted.
Weight Per Pair About 3 Pounds.

Viscol.

Viscol—In Cans, for Softening, Preserving and Waterproofing Shoes, Boots, Harness and Belts.

Size of Can, Pints	¼	½
Weight Per Dozen About, Lbs	4½	9
Per Dozen	$2.25	4.10

No. 150.

Ammunition Cases.

Russet Leather Case.

	Per Dozen
No. 75—Tin Lined, Three Compartments, Leather Handle, with Lock, Capacity 75 Shells	$63.25
No. 150—Tin Lined, Six Compartments, Leather Handle, with Lock, Capacity 150 Shells	91.00

Weight Each About 3 Pounds.

Heavy Russet Leather.

	Per Dozen
No. 100—Embossed Oval Top, Tin Lined, Three Compartments, Leather Handle and Straps, with Lock, Capacity 100 Shells	$63.50
No. 200—Embossed Oval Top, Tin Lined, Three Compartments, Leather Handle and Straps, with Lock, Capacity 200 Shells	80.00

Pack Sacks.

10 Oz. Waterproof Drab Canvas, Lap Over Top, 2 in. Adjustable Shoulder Straps, 2 in. Adjustable Head Strap.

Nos.	51	52	53
Size, Inches	21x26	26x26	26x30
Wt. Ea. Abt., Lbs.	1½	2	3½
Each	$4.15	4.15	4.15

Carry-All Bags.

Extra Heavy Duck.

	Per Dozen
No. 1—30x22x7 in., Waterproof, Tan Color, Strap Fastening, with Padlock, Two Handles, Heavy Strap Around Bag	$91.00

Weight Per Dozen About 43 Pounds.

Shell Bags.

Double Pocket.

	Per Dozen
No. 41—10 Oz. Duck, Holds 75 Shells, Weight Per Dozen About 4 Lbs.	$ 8.10
No. 42—10 Oz. Duck, Holds 100 Shells, Weight Per Dozen About 4¼ Lbs.	8.65
No. 43—15 Oz. Duck, Holds 200 Shells, Weight Per Dozen About 6 Lbs.	12.25
No. 44—20 Oz. Duck, Holds 300 Shells, Weight Per Dozen About 8 Lbs.	14.45

Game Carriers.

Trap Shooters' Shell Bags.

With Buckle.

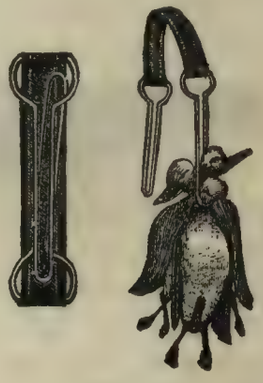
	Per Dozen
No. 15—10 Oz. Tan Duck, with Leather Belt Sewed on Back	$11.10
No. 19—Soft Bag Leather, with Leather Belt Sewed on Back	26.75

Perfect.

	Per Dozen
No. 90—Canvas Band to Go Over Shoulder, Annealed Wire, 10 in. When Folded	$2.50

Weight Per Dozen About 2½ Pounds.

Game Carriers.



Barnum.

	Per Dozen
No. 89—Cotton Web, Tinned Wires, 8½ in. When Folded, Holds 18 Ducks, Weight 2¼ Oz.	$1.75

Weight Per Dozen About 2 Pounds.

Rifle Cases.

CANVAS, FULL LENGTH

"Jungle Duck," Bound, Leather End and Handle, Swell Billet.

	Per Dozen
No. 2—8 Oz. Duck, Lined, for Repeating Rifles with 24, 26 and 28 in. Barrels	$8.00
No. 2¼—8 Oz. Duck, Lined, for 20 in. Carbines	8.00

Weight Per Dozen About 4 Pounds.

"Jungle Brand," Bound, Leather Ends and Sling.

	Per Dozen
No. 12—8 Oz. Duck, Lined, for Repeating Rifles with 24, 26 and 28 in. Barrel	$10.00
No. 12¼—8 Oz. Duck, Lined, for Winchester and Savage Carbines and Remington High Power Rifles, 40 in. Full Length	10.00

Weight Per Dozen About 6 Pounds.

"Jungle Duck," Bound, Leather, Reinforced Lock and Muzzle, Leather Sling.

	Per Dozen
No. 012—Heavy Duck, Lined, for Repeating Rifles with 24, 26 and 28 in. Barrels	$17.25
No. 012¼—Heavy Duck, Lined, for Winchester and Savage Carbines and Remington High Power Rifles	17.25
No. 012¾—Heavy Duck, Lined, for Winchester 1906 Rifles	17.25
No. 010—Heavy Duck, Lined, for Ross Rifles	17.75

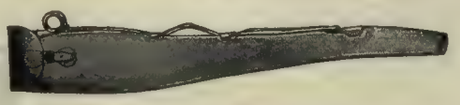
Weight Per Dozen About 7 Pounds.

LEATHER, FULL LENGTH

Chrome Black Leather.

	Per Dozen
No. 19—With Sling, Handle and Buckle, for Repeating Rifles with 24, 26 and 28 in. Barrels	$35.50
No. 19R—With Sling, Handle and Buckle, for Ross Rifles	44.50

Weight Per Dozen About 18 Pounds.



Heavy Black Leather.

	Per Dozen
No. 013L—Leather Sling and Buckle, for Remington Autoloading Rifles	$40.00

Weight Per Dozen About 19 Pounds.

LEG O' MUTTON

Heavy Orange Leather.

	Per Dozen
No. 50—Brass Trimmings, Flannel Lined, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Partition, for Take Down Rifles with 24, 26 and 28 in. Barrels	$73.50

The 26 in. Case will also fit our No. 55 Winchester Shot Gun.

When ordering No. 50 Case, mention Name of Rifle same is wanted for.

Weight Per Dozen About 40 Pounds.

CHICAGO STYLE

Heavy Brown Leather.

	Per Dozen
No. 1600—Nickel Trimmings, Felt Lined, Lock Buckle and Handle, for Remington Automatic Rifles Only	$93.25

Weight Per Dozen About 38 Pounds.

Canvas Rifle Cases.

VICTORIA PATTERN

Heavy Tan Duck, Lined and Bound.

	Per Dozen
No. 23—For Take Down Rifles, with 24, 26 and 28 in. Barrels	$ 8.35
No. 023—Leather Protection, for Take Down Rifles with 24, 26 and 28 in. Barrels	17.80

Weight Per Dozen About 6 Pounds.

When Ordering Above, State Name of Rifle and Length of Barrel.

Heavy Tan Duck, Lined and Bound.

	Per Dozen
No. 27—For 32 and 35 Caliber Winchester Autoloading Rifles and Remington High Power Repeating Rifles	$ 8.35
No. 28—For 351 Caliber Winchester Autoloading Rifles and Remington High Power Carbines.	8.35
No. 29—For Remington Autoloading Rifles	8.35
No. 027—Leather Protection, for 32 and 35 Caliber Winchester Autoloading Rifles and Remington High Power Repeating Rifles	17.80
No. 028—Leather Protection, for 351 Caliber Winchester Autoloading Rifles and Remington High Power Carbines	17.80
No. 029—Leather Protection, for Remington Autoloading Rifles	17.80

Weight Per Dozen About 6 Pounds.

Gun Covers.

CANVAS, FULL LENGTH

"Jungle Duck," Bound.
8 Ounce Duck, Lined, Leather End and Handle, Swell Billet.

Per Dozen

No. 2½—For Winchester and Marlin Repeating Shot Guns, with 30 and 32 in. Barrels..**$8.35**

No. 3—For Double Barrel Shot Guns, with 30 and 32 in. Barrels **8.35**

Weight Per Dozen About 7 Pounds.

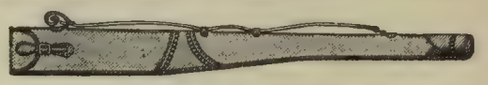
"Jungle Duck," Bound.
8 Ounce Duck, Lined, Leather Ends and Sling.

Per Dozen

No. 12½—For Winchester and Marlin Repeating Shot Guns, with 30 and 32 in. Barrels..**$10.00**

No. 13—For Double Barrel Shot Guns, with 30 and 32 in. Barrels **10.00**

Weight Per Dozen About 7 Pounds.



"Jungle Duck," Bound.
Heavy Duck, Lined, Leather Reinforced Lock and Muzzle, Leather Sling.

Per Dozen

No. 012A—For Remington Autoloading Shot Guns.....**$17.80**

No. 012½—For Winchester and Marlin Repeating Shot Guns, with 30 and 32 in. Barrels **17.80**

No. 013—For Double Barrel Shot Guns, with 30 and 32 in. Barrels **17.80**

No. 013W—For Winchester Self-Loading Shot Guns, 26 and 28 in. Barrels..... **17.80**

Weight Per Dozen About 9 Pounds.

Leather Gun Covers.

FULL LENGTH

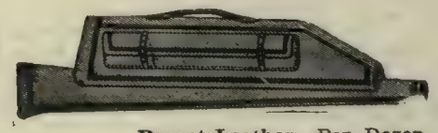
Heavy Russet Leather.

Per Dozen

No. 012L—Leather Sling and Buckle, for Remington Autoloading Shot Guns.....**$44.50**

Weight Per Dozen About 18 Pounds.

VICTORIA PATTERN



Russet Leather. Per Dozen

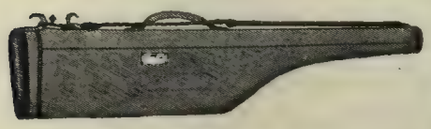
No. 30—Plain Finish, Flannel Lined, with Inside Rod Pocket, for Guns with 30 and 32 in. Barrels.....**$60.00**

No. 32—Heavy, Flannel Lined, Embossed Nickel Plated Trimmings, with Rod Pocket, for Guns with 30 and 32 in. Barrels **73.50**

Weight Per Dozen About 23 Pounds.

Leather Gun Cases.

LEG O' MUTTON



Heavy Tan Color Leather.

Per Dozen

No. 41—Flannel Lined, Nickel Plated Trimmings, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Hinge Partition, for 28, 30 and 32 in. Barrels.....**$80.00**

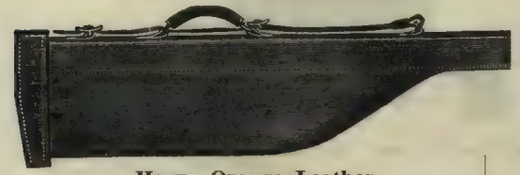
Weight Per Dozen About 48 Pounds.

Heavy Orange Leather.

Per Dozen

No. 45—Flannel Lined, Brass Trimmings, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Partition, for 30 and 32 in. Barrels **$106.50**

Weight Per Dozen About 42 Pounds.



Heavy Orange Leather.

Per Dozen

No. 51—Brass Trimmings, Flannel Lined, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Partition, for Repeating Shot Guns, with 28, 30 and 32 in. Barrels **$73.50**

Weight Per Dozen About 42 Pounds.

Leather Gun Cases.

Heavy Russet Leather.

Per Dozen

No. 42—Flannel Lined, Nickel Plated Trimmings, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Partition, for Winchester Self-Loading Shot Guns, Only 26 and 28 in. Barrels.**$80.00**

Weight Per Dozen About 42 Pounds.

Canvas Gun Cases.

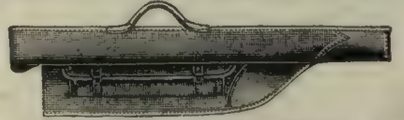
VICTORIA PATTERN

Extra Heavy "Jungle Duck."

Per Dozen

No. 022—Folded, Flannel Lined, Leather Bound, Solid Leather Handle and Sling, Leather Protection with Rod Pocket, for Guns with 30 and 32 in. Barrels **$21.30**

Weight Per Dozen About 11 Pounds.



Extra Heavy "Jungle Duck."

Per Dozen

No. 22W—Folded, Flannel Lined, Leather Bound, Solid Leather Handle, Leather Protection, with Rod Pocket, for Winchester Self-Loading Shot Guns, 26 and 28 in. Barrels **$17.80**

Weight Per Dozen About 10 Pounds.

Leather Gun Cases.

LEG O' MUTTON

Heavy Tan Color Leather.

Per Dozen

No. 41½—Flannel Lined, Nickel Plated Trimmings, Lock Buckle, Handle and Sling, Flannel Rod Pocket Under Hinge Partition, for Remington Automatic Shot Guns .....**$ 86.60**

No. 42½—Same as No. 41½, but for Two Barrel Guns.. **122.00**

Weight Per Dozen About 42 Pounds.

Canvas Gun Cases.

VICTORIA PATTERN

8 Ounce "Jungle Duck," Folded, Flannel Lined.

Per Dozen

No. 20—Leather Bound, Solid Leather Handle, without Rod Pocket, for Guns with 30 and 32 in. Barrels.....**$8.35**

No. 21—Leather Bound, Solid Leather Handle, with Rod Pocket, for Guns with 26, 28, 30 and 32 in. Barrels..... **8.75**

Weight Per Dozen About 6 Pounds.

Flannel Lined, Leather Bound.

Per Dozen

No. 22—Extra Heavy "Jungle Duck," Folded, Flannel Lined, Leather Bound, Solid Leather Handle, Leather Protection, with Rod Pocket, for Guns with 30 and 32 in. Barrels **$17.80**

No. 66B—Heavy Tan Duck, Flannel Lined, Leather Bound, Solid Leather Handle, Leather Protection, for Remington Automatic Shot Guns **21.30**

Weight Per Dozen About 10 Pounds.

Revolver Holsters.

Russet Leather, with Flap.

Per Dozen

No. 302—For Nos. 252, 258, 282, 288, 722, 732, 242, 242B, 248, 248B, 740, 740B, 742, 742B, 748 and 748B, H. & R. Revolvers, Nos. 452, 458, 402, 412, 482, 488, 442, 442B, 448, 432, 432B, 438, 438B, 462 and 462B, H. & A. Revolvers, Nos. 602, 603, 622, 622B, 632, 632B, 638, 638B, 642, 642B, 648 and 648B, Iver Johnson Revolvers, and No. 811 Colt's Revolvers $6.70

No. 303—For Nos. 252½, 258½, 282½, 288½, 732G, 242½, 248½, 242½G and 248½G, H. & R. Revolvers, Nos. 432½G and 432½BG, H. & A. Revolvers, Nos. 632½G and 632½B Iver Johnson Revolvers, Nos. 800, 801, 802, 803 and 804 Colt's Revolvers .. 7.25

No. 304—For Nos. 252¾, 258¾ and 722BG, H. & R. Revolvers, Nos. 632¾ and 622BG, Iver Johnson Revolvers, No. 121B, S. & W. Revolver, Nos. 806, 807 and 812 Colt's Revolvers, Nos. 34 6-in., 35 6-in., 1 and 2 Stevens' Revolvers 8.55

No. 305—For Nos. 438½G and 438½BG, H. & A. Revolvers, Nos. 652G, 652BG, 638G and 638BG, Iver Johnson Revolvers, Nos. 809, 810, 816 and 818 Colt's Revolvers 8.90

No. 306—For Nos. 814, 817, 819 and 820 Colt's Revolvers 9.45

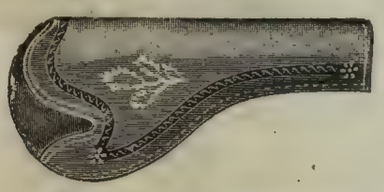
No. 308—For No. 815 Colt's, No. 400 H. & A., and Nos. 34 8-in., 35 8-in. Stevens' Revolvers 12.45

No. 1300—For Nos. 32/S, 32H and 038 Savage Automatic, and 32 and 380 Colt's Automatic Pistols 8.35

No. 1301—For Colt's 38 Automatic Pistol 9.45

No. 1304—For .30 Luger Automatic Pistol 8.90

No. 1302—For .25 Colt's and .225 H. & R. Automatic Pistols 9.65



Russet Leather, without Flap.

Per Dozen

No. 202—For Nos. 252, 258, 282, 288, 722, 732, 242, 242B, 248, 740, 742, 748, 740B, 742B, 748B, H. & R. Revolvers, Nos. 452, 458, 402, 412, 482, 488, 442, 442B, 448, 432, 432B, 438, 438B, 462 and 462B, H. & A. Revolvers, Nos. 602, 603, 622, 622B, 632, 632B, 638, 638B, 642, 642B, 648 and 648B, Iver Johnson Revolvers $5.35

No. 203—For Nos. 252½, 258½, 282½, 288½, 732G, 242½, 248½, 242½G, 248½G, H. & R. Revolvers, Nos. 432½G, 432½BG, 438½G and 438½BG, H. & A. Revolvers, Nos. 652G, 652BG, 638G, 638BG, Iver Johnson Revolvers, Nos. 800, 801, 802, 803, 804 and 811 Colt's Revolvers 6.10

No. 204—For Nos. 722BG, 252¾ and 258¾, H. & R. Revolvers, Nos. 632¾ and 622BG, Iver Johnson Revolvers, Nos. 806, 807 and 812 Colt's Revolvers, No. 121B, S. & W. Revolver, and Nos. 34, 35, 1 and 2, Stevens' Revolvers 6.70

No. 205—For Nos. 809, 810, 816 and 818 Colt's Revolvers 6.90

No. 207—For Nos. 814, 817, 819 and 820 Colt's Revolvers 7.35

No. 208—For No. 815 Colt's Revolvers 8.35

No. 1200—For Nos. 32/S, 32H and 038 Savage Automatic Pistols, and Nos. 32 and 380, Colt's Automatic Pistols 6.70

No. 1201—For Colt's 38 Automatic Pistols 7.80

No. 1208—For Colt's 45 Government Automatic Pistol .. 8.90

No. 1204—For 30 Luger Automatic Pistol 8.90

Black Rubber.

Per Dozen

No. 2—Pocket, Flexible, Width 4½ in., Length 7 in $3.90

No. 3—Pocket, Flexible, Width 5½ in., Length 7 in 5.00

Mexican Style, Russet Leather.

Per Dozen

No. 402—For Nos. 252, 258, 282, 288, 722, 732, 242, 248, 242B, 740, 742, 748, 740B, 742B, 748B, H. & R. Revolvers, Nos. 452, 458, 402, 412, 482, 488, 442, 442B, 448, 432, 432B, 438, 438B, 462, 462B, H. & A. Revolvers, Nos. 602, 603, 622, 622B, 632, 632B, 638, 638B, 642, 642B, 648, 648B ..... $ 8.90

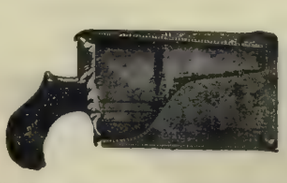
No. 403—For Nos. 252½, 258½, 282½, 288½, 732G, 242½, 248½, 242½G, 248½G, H. & R. Revolvers, Nos. 432½G, 432½BG, 438½G, 438½BG, H. & A. Revolvers, Nos. 652G, 652BG, 638G, 638BG, Iver Johnson Revolvers, Nos. 800, 801, 802, 803, 804 and 811 Colt's Revolvers 9.45

No. 404—For Nos. 722BG, 252¾ and 258¾, H. & R. Revolvers, Nos. 632¾ and 622BG, Iver Johnson Revolvers, Nos. 806, 807 and 812 Colt's Revolvers, No. 121B, S. & W. Revolver, Nos. 34, 35, 1 and 2, Stevens' Revolvers 10.00

No. 405—For Nos. 809, 810, 816 and 818 Colt's Revolvers 11.10

No. 407—For Nos. 814, 817, 819 and 820 Colt's Revolvers 13.35

No. 408—For No. 815 Colt's Revolvers 15.55



Stiff Hip Pocket, Russet Leather.

Per Dozen

No. 221—For All 32 and 38 Caliber Double Acting Pocket Revolvers and Automatic Pistols with 3½ in. Barrels $11.10

No. 223—Same as No. 221, but for 4 and 5 in. Barrel. 11.10

No. 2210—For 25 Automatic Pistol 10.00

No. 2230—For 32 Colt, 38 Colt, 380 Colt, 32 Savage and 380 Savage Automatic Pistols 10.00

Recoil Pads.

Silver's Pattern.

Solid Soft Pure Red Rubber, Vulcanized to a Strap of Hard Black Stock, Allowing it to be Screwed Fast to Gun.

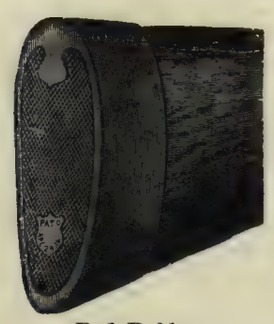
	Per Dozen
No. 4—Small, for Single Barrel Shot Guns	$44.50
No. 14—Medium, for Double Barrel Shot Guns	44.50
No. 24—Large, for Repeating Shot Guns	44.50

Weight Per Dozen About 4 Pounds.

No. 1—Soft Russet Leather, to Lace at Side.

Size, Inches	5	5¼	5½
Per Dozen	$10.00	10.00	10.00

Weight Per Dozen About 2 Pounds.



Red Rubber.

	Per Dozen
No. 3—Small Size	$16.00
No. 13—Medium Size	16.00
No. 23—Large Size	16.00

Weight Per Dozen About 2 Pounds.

Akron, to Lace at Side.

	Per Dozen
No. 0—Fine Grained Smooth Finished Leather, with Sponge Rubber Moulded Pad Inside, Small, Medium and Large Size	$20.00

Weight Per Dozen About 4 Pounds.

Cheek Pads.

ROWLEY'S

Soft Rubber, Leather Covered.

	Each
No. 1—To Lace, Raises Comb ⅛ in.	$3.00
No. 2—To Lace, Raises Comb ¼ in.	3.00
No. 3—To Lace, Raises Comb ⅜ in.	3.00

Weight Per Dozen About 4 Pounds.

Hand Protectors.

HEIKE'S

Sheet Spring Steel, Leather Covered.

	Per Dozen
No. 10—Medium Cut, 6 in., for 10 Gauge Guns	$14.00
No. 12—Medium Cut, 6 in., for 12 Gauge Guns	14.00
No. 16—Medium Cut, 6 in., for 16 Gauge Guns	14.00

For Use on Shot Guns, Protecting the Hand from Heated Barrels.

Weight Per Dozen About 4½ Pounds.

Decoy Ducks.

Rimco. Decoy Weight.

Solid White Cedar, Flat Bottom, Mallards, Canvas Backs, Red Heads, Blue Bills and Teal, Assorted Male and Female.

	Per Dozen
No. 1—Smooth Finish and Painted, Glass Eyes	$9.50
No. 2—Smooth Finish and Painted, Tack Eyes	8.00
No. 3—Nicely Painted in Natural Colors	6.70

One Dozen in a Crate.

	Per Dozen
Rimco Anchors—Cast Iron, Japanned, 3½ in. High, 3¼ in. Diameter, Weight Each 1¼ Lbs	$1.45
Anchors—Cast Iron, Japanned, for Decoy Ducks	$1.35
Weights—Cast Iron, Japanned, for Decoy Ducks	1.10

Weight Per Dozen About 35 Pounds.

Premier Model, Hollow and Flat Bottomed, the Eyes Used are the Finest Enamel, Colored Same as in the Living Bird.

	Per Dozen
No. 50—Mallards, Teal and Canvas Backs	$23.50

Weight Per Dozen About 40 Pounds.

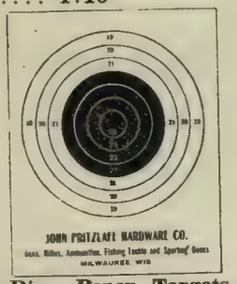
The Drawings for Premier Model were made from life, particular attention being paid to all fine details, such as shape of Head, Bill, Arch of Neck, etc. In Hollowing them they are cut in two above the Water Line, thus preventing any leakage.

Self-Painting.

No. 5—Steel Plate 12x14 in., ¼ in. Thick, Weight 22 Lbs., Each **$9.50**

The Roller is made of Felt, the raising of which paints the face of target and then drops down, resting in a receptacle containing paint. The Bull's-Eye is arranged so that when hit, a bell rings. All can be operated at a distance by a cord, as shown.

Gallery Targets.



No. 10—Ring Paper Targets, Size of Sheet 5½x7 in., Diameter of Target 3½ in., Bull's-Eye 2 in.

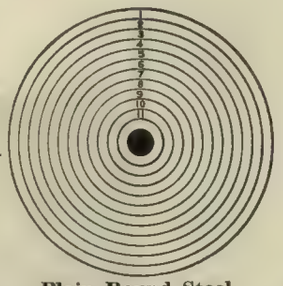
No. 15—Ring Paper Targets, Size of Sheet 10x12 in., Diameter of Target 8½ in., Bull's-Eye 2¾ in.

We will furnish Nos. 10 and 15 Targets in reasonable quantities to our customers Free of Charge.

Plain Round Steel. Each

No. 02—12 in. Diameter, Grooved Rings, Shows Face and Rings Gong when Bull's Eye is Hit. **$4.75**

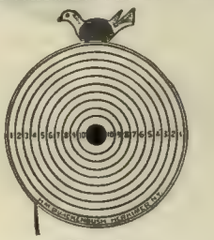
Weight Each About 21 Pounds.



Plain Round Steel. Each

No. 01—12 in. Diameter, Grooved Rims, Bull's-Eye Gong **$4.00**

Weight Each About 21 Pounds.



No. 2. Each

No. 1—Plain Round Steel, 12 in. Diameter, Grooved Rings, Bull's-Eye with Gong, Assorted Sizes, for 22 Caliber Cartridges **$5.00**

No. 2—Plain Round Steel, 12 in. Diameter, Figure Rising and Ringing a Gong when Bull's-Eye is Hit, for 22 Caliber Cartridges 6.15

Weight Each About 12 Pounds.

When Ordering, Give Size of Bull's-Eye.

Shooting Glasses.

With Case. Each

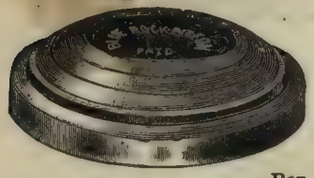
No. 322—Amber Colored Glass, Gold Plated Frame, Each in Snap Cover Case **$2.80**

With Case. Each

No. 330—Amber Colored Glass, Gold Plated Nose Piece and Bows, Each in Snap Cover Case **$3.90**

Weight Per Dozen About 4 Pounds.

Flying Targets.



	Per 1000
Blue Rock Flying Targets	$9.50

Weight Per Barrel 138 Pounds.
500 in a Barrel.

Blue Rock Traps.

EXPERT

Each

No. 10—Expert Model Blue Rock Traps **$12.75**

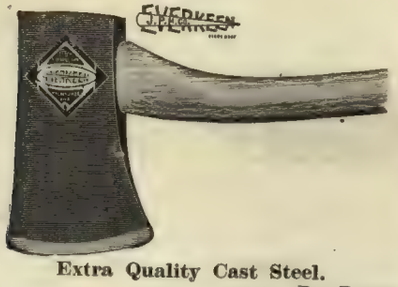
Weight Each 25 Pounds.

EXTENSION SPRING

Each

No. 5—Extension Spring Model Blue Rock Traps **$9.50**

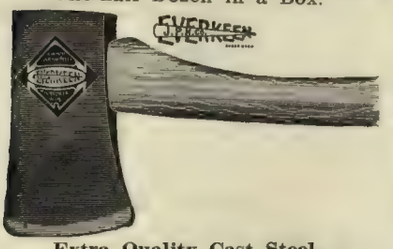
Weight Each 16 Pounds.



Extra Quality Cast Steel.

Per Dozen

No. EH1—Gun Metal Finish, Polished Cutting Edge, 16 in. Extra Hickory Handle, Weight Each 1½ Lbs.....**$12.25**
One-half Dozen in a Box.



Extra Quality Cast Steel.

Per Dozen

No. ES1—Gun Metal Finish, Polished Cutting Edge, 13 in. Extra Hickory Handle, Weight Each 1¼ Lbs.....**$12.50**
One-half Dozen in a Box.

Boy Scout Axes.

VULCAN

Extra Quality Cast Steel.

Per Dozen

No. 500—Ebonite Finish, Polished Cutting Edge, 13 in. Extra Hickory Fawn Foot Handle, Weight Each with Handle, 1½ Lbs., **without Sheath** **$11.70**

No. 100—Sheath for Above, 4x6 in., Russet Leather, with Button Clasp, Weight Each ¼ Lb..... **6.70**
One-half Dozen in a Box.

Solid Tool Steel Blade, with Claw.

Per Dozen

No. 2½—2⅜x4 in. Blade, 11 in. Long Nickel Plated Drop Forged Steel Handle, Engraved Hard Rubber Side Plates, Nickel Plated Steel Guard, Weight Each 20 Oz.**$48.85**
One-sixth Dozen in a Box.

Hunters' Hatchets.

CLIPPER

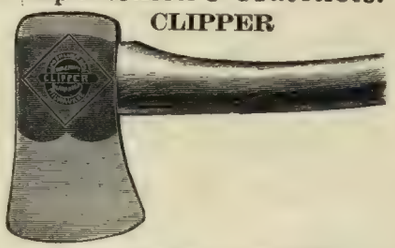
Extra Cast Steel.

Per Dozen

No. 1—Silver Bronzed, Polished Cutting Edge, 16 in. No. 1 Hickory Handle, Weight Each 1½ Lbs.....**$11.70**
One-half Dozen in a Box.

Sportsmen's Hatchets.

CLIPPER



Best Quality Cast Steel.

Per Dozen

No. 01—Silver Bronzed, Polished Cutting Edge, 13 in. No. 1 Hickory Handle, Weight Each 1¼ Lbs.....**$11.10**
One-half Dozen in a Box.

PEERLESS

16 in. Extra Hickory Handle.

Per Dozen

No. 11—Extra Cast Steel, Gold Bronzed, Polished Cutting Edge, Weight Each 1½ Lbs.**$11.70**

BLACK WARRIOR

Cast Steel.

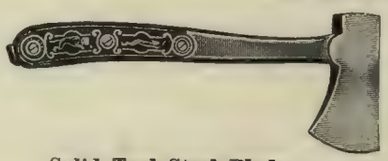
Per Dozen

No. 00—Black Finish, Polished Cutting Edge, 13 in. Hickory Handle, Weight Each 1 Lb.....**$10.00**

No. 0—Black Finish, Polished Cutting Edge, 13 in. Hickory Handle, Weight Each 1½ Lbs..... **10.55**
One-half Dozen in a Box.

Hunting Axes.

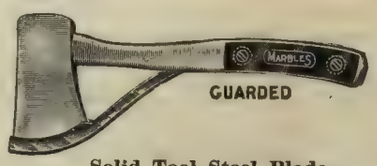
MARBLE'S SAFETY



Solid Tool Steel Blade.

Per Dozen

No. 3—2½x4⅜ in. Blade, 12 in. Long Nickel Plated Drop Forged Steel Handle, Engraved Hard Rubber Side Plates, Nickel Plated Steel Guard, Weight Each 27 Oz.**$53.30**
One-sixth Dozen in a Box.



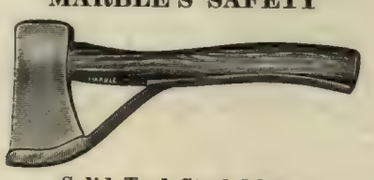
Solid Tool Steel Blade.

Per Dozen

No. 2—2⅜x4 in. Blade, 11 in. Long Nickel Plated Drop Forged Steel Handle, Engraved Hard Rubber Side Plates, Nickel Plated Steel Guard, Weight Each 20 Oz.**$44.40**
One-sixth Dozen in a Box.

Hunting Axes.

MARBLE'S SAFETY



Solid Tool Steel Blade.

Per Dozen

No. 5—2½x4½ in. Blade, 11 in. Long Hickory Handle, Nickel Plated Steel Guard, Weight Each 16 Oz.....**$26.65**
One-sixth Dozen in a Box.

Solid Tool Steel Blade.

Per Dozen

No. 6—2⅞x4¾ in. Blade, 12 in. Long Hickory Handle, Nickel Plated Steel Guard, Weight Each 20 Oz.....**$26.65**
One-sixth Dozen in a Box.

Marble's Hunting Axes are made from finest Tool Steel, sharpened to a fine cutting edge and protected by a patented metal guard, which folds back into a groove in the under side of the handle when the Axe is in use. At other times it fits close over the edge of blade, protecting it and user from injury. The metal guard is lined with lead so that the cutting edge of Axe cannot be dulled.

Hunting Knives.

MARBLE'S SAFETY

No. 83—Safety Knife, Open.

No. 83—Safety Knife, Closed.

Folding. Per Dozen

No. 83—4¼ in. Blade, Stag Side Plates, Weight 4 Oz., with Sheath **$53.30**
No. 85—5 in. Blade, Heavy Hollow Ground, Stag Side Plates, Weight 6 Oz., with Sheath **71.10**

These Folding Knives are intended either to be carried in the Pocket or at the Belt.

Hunting Knives.

MARBLE'S CANOE

Leather Handle. Per Dozen

No. 51—4½ in. Razor Steel Blade, Full Hollow Ground, 3¾ in. Laminated Leather Handle, Buckhorn Butt, Weight with Sheath 5 Oz. . **$40.00**

MARBLE'S IDEAL

Laminated Leather Handle. Per Dozen

No. 40—5 in. Razor Steel Blade, Hollow Ground, Stag Butt, Finely Finished Leather Sheath, Weight with Sheath 6 Oz. **$40.00**
No. 41—6 in. Razor Steel Blade, Hollow Ground, Otherwise Same as No. 40 ..... **44.40**

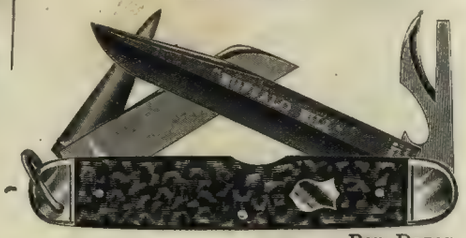
Safety Carvers.

MARBLE'S

Folding. Per Dozen

No. 76—8 in. Razor Steel Blade, German Silver U Shaped Handle Sections, Heavily Reinforced at End Where Blade Bears on Them, Weight 4 Oz. **$22.25**

HUNTING



Per Dozen

No. 4018—4 in. Clip Blade, 2½ in. Spey Blade, Punch Blade and Can and Bottle Opener, Crocus Polished, Stag Handle, German Silver Bolsters and Shield, Brass Lined, with Chain Ring **$35.55**
Weight Per Dozen About 6 Pounds.

Pocket Knives.

Cuts Half Size

PUSH BUTTON HUNTING

Per Dozen

No. 1000—4 in. Blade, Crocus Polished, Stag Handle, Steel Lined, German Silver Bolsters, Push Button Lock. . . **$15.50**
Weight Per Dozen About 4 Pounds.
One-half Dozen in a Box.

No. 1005—4 in. Blade, Crocus Polished, Stag Handle, German Silver Bolster, Steel Lined, Push Button Lock, with Guard **$17.80**
Weight Per Dozen About 4 Pounds.
One-half Dozen in a Box.

HUNTING

Per Dozen

No. 1017—3 in. Blade, Crocus Polished, Stag Handle, German Silver Bolsters and Shield, Brass Lined, with Chain Ring **$8.90**
Weight Per Dozen About 4 Pounds.
One-half Dozen in a Box.

WESTERN DEER FOOT HUNTING

Per Dozen

No. C1100—3¾ in. Blade, Deer Foot Handle, Brass Lined, German Silver Guard, Bolster and Cap **$17.80**
Weight Per Dozen About 4 Pounds.
One-half Dozen in a Box.

DEER FOOT HUNTING

Per Dozen

No. 6923—4¾ in. Blade, with Cork Screw, Deer Foot Handle, Brass Lined, German Silver Guard, Bolster and Cap **$37.75**
Weight Per Dozen About 5 Pounds.

HUNTING

With Leather Sheath. Per Dozen

No. 265—5 in. Cast Steel Blade, Stag Handle, Nickel Silver Guard, Wt. Per Dozen About 4 Lbs. . . **$16.65**
No. 265—6 in. Cast Steel Blade, Otherwise as Above. . **18.90**
Extra Leather Sheaths **3.90**

Safety Saws.

MARBLE'S

Folding. Per Dozen

No. 77—8 in. Blade, Weight 4 Oz. **$17.80**
The Marble's Safety Saw is folded and constructed the same as the Safety Carver, except that the blade, when folded, is held by an inside clasp.

Vacuum Bottles.

Nos. 71 and 72.

Nos. 861 and 862.

Nos. 81 and 82.

UNIVERSAL

Black Enameled Body, Nickel Plated Shoulder and Cap, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	71	72
Capacity	1 Pint	1 Quart
Weight Each About, Lbs.	1½	2½
Each	$1.25	3.50

Seamless Drawn Brass Metal Case, Full Nickel Plated, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	81	82
Capacity	1 Pint	1 Quart
Weight Each About, Lbs.	1½	2½
Each	$2.35	3.90

Gift and Prize Bottles, Full Nickel Plated Seamless Drawn Brass Metal Case, with Green Levant Morocco Cover, Rubber Gasket at Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	861	862
Capacity	1 Pint	1 Quart
Weight Each About, Lbs.	1½	2½
Each	$4.70	6.25

Extra Glass Fillers for Above Vacuum Bottles.

Nos.	01	02
Capacity	1 Pint	1 Quart
Each	$1.35	2.35

No. 822.

Vacuum Carafes.

UNIVERSAL, Seamless Drawn Brass Metal Case, Full Nickel Plated. Each

No. 822—Capacity 1 Quart, Metal and Cork Stopper, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber, Weight Each About 3 Lbs. $5.45

No. 022—Extra Glass Filler, for No. 822 Vacuum Carafe 3.00

Carrying Cases for Vacuum Bottles.

Well Made of Black Grained Leatherol, Bright Green Lining, Leather Strap with Buckle.

Single, for One Bottle.

Nos.	501	502
For Bottles, Capacity	1 Pint	1 Quart
Weight Each, Lbs.	½	¾
Each	$1.55	1.95

Double, for Two Bottles.

Nos.	521	522
For Bottles, Capacity	1 Pint	1 Quart
Weight Each, Lbs.	1¼	2
Each	$2.75	3.50

Duck Calls.

Cocobolo. Per Dozen

No. 760—Nickel Plated Tip $5.60

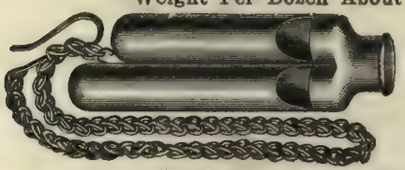
Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Allen's, Maplewood. Per Dozen

No. 70—Nickel Plated Tip $8.00

Weight Per Dozen About 2½ Pounds.

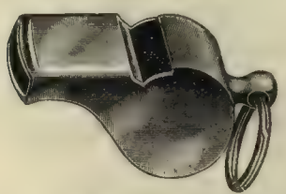


Duplex. Per Dozen

No. 500—Nickel Plated, with Chain $2.80

Weight Per Dozen About 1 Pound.

One Dozen in a Box.



Police Special. Per Dozen

No. 314—Nickel Plated, with Ring $6.10

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Whistles.

Duplex. Per Dozen

No. 800—Nickel Plated $0.80

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Echo Pattern. Per Dozen

No. 67—Nickel Plated $1.70

Weight Per Dozen About 1 Pound.

One Dozen in a Box.

Britannia Metal.

Per Dozen

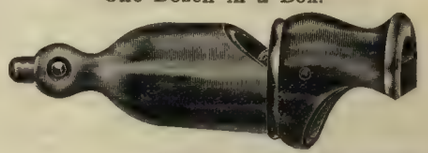
No. 2—Small Size $1.90

No. 3—Large Size 2.50

No. 4—Extra Large Size 3.90

Weight Per Dozen About ½ Pound.

One Dozen in a Box.



Curved Lip. Per Dozen

No. 305—2 in. Long, Horn $3.00

No. 17—2½ in. Long, Horn 3.35

No. 19—3 in. Long, Horn 4.45

No. 90—2 in. Long, Celluloid. 2.50

Weight Per Dozen About ½ Pound.

One Dozen in a Box.

Match Safes.

MARBLE'S

Waterproof.

Per Dozen

No. 181—2½x⅞ in., Nickel Plated Brass.....**$9.00**

The Knurled Flange holds Gasket securely in place.

It can be quickly opened and closed in the dark, and is absolutely Water and Moisture Proof.

Weight Per Dozen About 1½ Pounds.

Compass and Brackets.

MARBLE'S

No. 182.

Waterproof Screw Case.

Each

No. 182—1⅛ in. Box, Agate Bearing, Stationary Dial **$1.85**

No. 186—1⅛ in. Box, Agate Bearing, Revolving Dial, without Bracket.. **1.85**

No. 082—1⅛ in. Box, Agate Bearing, Revolving Dial, with Bracket.... **2.25**

The Bracket is made like a double Safety Pin, and fastens securely to the Coat, Vest or Belt.

Weight Per Dozen About 1½ Lbs.

No. 082.

Pocket Compasses.

Solid Brass Case, Aluminum Dial, 4 Point Aluminum Needle, Agate Caps, Leather Fob.

Per Dozen

No. 1000—2 in., Hunters' and Auto Compasses **$40.00**

No. 1050—1¾ in., Hunters' and Auto Compasses **33.50**

Solid Brass Case, Aluminum Dial, Large Agate Cap, Heavy Steel Pivot, Leather Fob.

Per Dozen

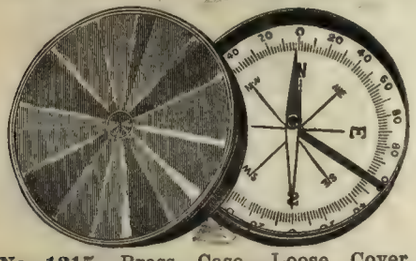
No. 2000—2 in., Hunters' and Auto Compasses **$40.00**

No. 2050—1¾ in., Hunters' and Auto Compasses **33.50**

Can be Read in the Dark as Well as in the Light.
Weight Per Dozen About 4 Pounds.

Brass Case, Loose Cover, Card Dial.

Nos.	12	14
Inches	1½	1¾
Weight Dozen, Lbs.	1	1
Per Dozen	$4.80	5.40



No. 1315—Brass Case, Loose Cover, Full Division, Silvered Bottom, Agate Cap, Flat Needle, with Stop.

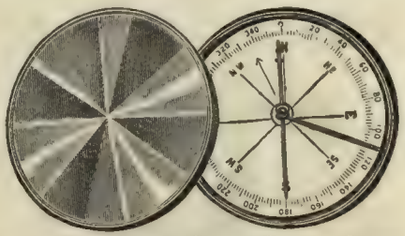
Inches	1⅝	2	2⅜
Wt. Dozen, Lbs.	1	1½	2
Per Dozen	$16.20	19.20	21.60

No. 1317—Brass Case, Loose Cover, Full Division, Silvered Bottom, Agate Cap, Deep Bar Needle, Automatic Stop.

Inches	2¼	2½	3	3⅜
Wt. Dz., Lbs.	1½	2½	5	5½
Per Dozen..	$38.35	43.15	45.55	51.55

No. 1313—Brass Case, Open Face, Silvered Bottom, with Ring.

Inches	1⅝	2
Weight Dozen, Lbs..	1	1
Per Dozen	$8.90	11.50



No. 1324—Brass Case, Loose Cover, Full Division, Silvered Bottom, Agate Cap, Deep Bar Needle, Automatic Stop.

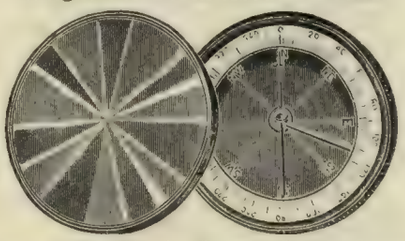
Inches	2	2⅜	2⅞
Wt. Dozen, Lbs.	2½	3	4½
Per Dozen	$26.40	31.15	37.15

White Metal Case, Untarnishable Silvered Metal Dial, Heavy Tempered Steel Point.

Per Dozen

No. 2920—Leedawl, 1¾ in., Snap in Beveled Crystal Glass, Screw Stop **$20.00**

Weight Per Dozen About 1 Pound.



No. 1318—Stout Brass Case, Loose Cover, Full Division, Raised Silvered Circle, Agate Cap, Deep Bar Needle, Automatic Stop.

Inches	2¼	2½	3	3⅜
Wt. Dz., Lbs.	1½	3	5	5½
Per Dozen..	$43.15	46.75	50.35	56.35

Pocket Compasses.

Black Walnut Case, Hinged Cover, Full Division, Silvered Bottom, Automatic Stop.

	Per Dozen
No. 1321—2⅜ in., Flat Needle	**$26.40**
No. 1321—3 in., Flat Needle	**28.80**
No. 1322—3 in., Deep Bar Needle, Agate Cap	**33.58**

Weight Per Dozen About 5 Pounds.

Brass Case, Hinged Cover, Full Division on Raised Silvered Circle, Agate Cap, Flat Needle, with Stop.

Nos.	**1717**	**1718**
Size, Inches	1¾	2
Per Dozen	**$27.60**	**28.80**

Weight Per Dozen About 1½ Pounds.

No. 425—Watch Pattern, Nickel Plated Hunting Case, Full Division, Agate Cap, Deep Bar Needle, Automatic Stop.

Size, Inches	1¾	2	2¼
Weight Per Dozen, Lbs.	1½	2½	3
Per Dozen	**$47.50**	**55.15**	**64.75**

Watch Pattern, Nickel Plated Hunting Case, Full Division, Flat Needle, Brass Cap.

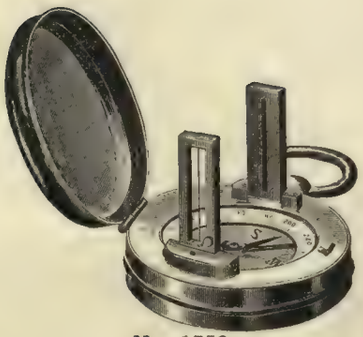
Nos.	**27**	**28**
Size, Inches	1½	1⅞
Weight Per Dozen, Lbs.	1	1
Per Dozen	**$16.75**	**19.20**

Watch Pattern, Nickel Plated **Embossed** Case, Full Division, Flat Needle, Fine Agate Cap.

	Per Dozen
No. 1305—Size 1¼ in.	**$21.60**

Weight Per Dozen About 1½ Pounds.

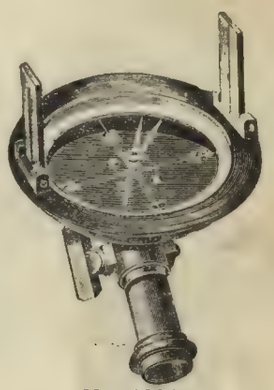
Surveyors' Compasses.



No. 1753.

No. 1753—Folding Sights, Full Division on Raised Silvered Circle, Fine Agate Cap, Flat Needle with Stop, Nickel Plated Brass Case, Hinged Cover.

Size, Inches	2¾
Weight Per Dozen About, Lbs.	5
Each	**$10.80**



No. 1334.

No. 1334—Folding Sights, Full Division on Raised Silvered Circle, Fine Agate Cap, Deep Bar Needle with Stop, Heavy Brass Open Case, with Ball and Socket Adjustment.

Size, Inches	2¾	3⅜	4
Weight Per Dozen, Lbs.	7½	9	10
Each	**$10.80**	**12.00**	**13.20**

No. 1333—Folding Sights, Full Division on Raised Silvered Circle, Fine Agate Cap, Deep Bar Needle with Stop, Heavy Brass Open Case, without Ball and Socket Adjustment.

Size, Inches	2¾	3⅜	4
Weight Per Dozen, Lbs.	6	7½	9
Each	**$7.20**	**9.60**	**10.80**

Dog Collars.

Russet Leather, Nickel Plated Trimmings, To Buckle.

Nos.	93	95	97	98
Width, Inches	¾	1	1¼	1½
Length, Inches	13, 15, 17	15, 17, 19	17, 19, 21	19, 21, 23
Per Dozen	$2.45	3.35	4.90	6.10

Weight Per Dozen About 3 Pounds.

Russet Leather, Nickel Plated Chain, to Lock.

Nos.	503	505
Width, Inches	¾	1
Length, Inches	13, 15, 17	15, 17, 19
Per Dozen	$7.35	8.35

Weight Per Dozen About 4½ Pounds.

Brown Strap Leather, Doubled and Stitched, Brass Trimmings and Large Pyramid Spots, to Lock.

Nos.	931	933	935
Wid., In.	½	¾	1
Len., In.	11, 13, 15	13, 15, 17	15, 17, 19
Per Doz.	$7.35	8.90	11.65

Weight Per Dozen About 2 Pounds.

Russet Leather, Nickel Plated Trimmings, Chamois Lined, to Lock.

Nos.	71	73
Width, Inches	½	¾
Length, Inches	9, 11, 13	13, 15, 17
Per Dozen	$7.35	7.80

Nos.	75	79
Width, Inches	1	1¼
Length, Inches	15, 17, 19	17, 19, 21
Per Dozen	$8.35	11.10

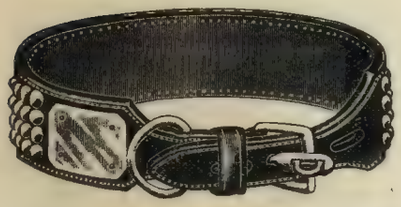
Weight Per Dozen About 2 Pounds.

Heavy Black Leather, Doubled and Stitched, Brass Trimmings, Closely Spotted with Large Acorn Spots, Loop Tongue Buckle.

Nos.	202	203	205
Wid., In.	½	¾	1
Len., In.	11, 13, 15	13, 15, 17	15, 17, 19
Per Doz.	$8.90	10.55	13.35

Weight Per Dozen About 2 Pounds.

FOX TERRIER



Matt Black Strap Leather, Closely Spotted, Brass Trimmed, Loop Tongue Buckle.

No.	967R
Width, Inches	1¼
Length, Inches	14, 16, 18
Per Dozen	$19.50

Weight Per Dozen About 3 Pounds.

BULL TERRIER

Matt Black Strap Leather, Russet Lining, New Style Spots, Brass Spikes and Trimmings, Loop Tongue Buckle.

No.	666
Width, Inches	1½
Length, Inches	14, 16, 18
Per Dozen	$24.45

Weight Per Dozen About 5 Pounds.

BULL DOG

Best Quality Heavy Black Leather, 1 Row Heavy Spots, Heavy Brass Trimmings, Loop Tongue Buckle.

Nos.	957	959
Width, Inches	1½	2
Length, Inches	14, 16, 18	16, 18, 20
Per Dozen	$16.65	20.55

Weight Per Dozen About 5½ Pounds.

BULL DOG

Best Quality Heavy Black Leather, 2 Rows ½ in. Brass Spots, Heavy Brass Trimmings, Loop Tongue Buckle.

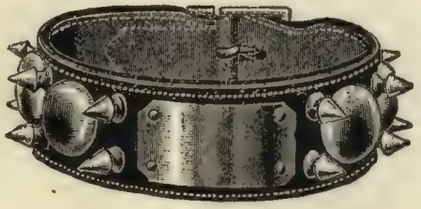
No.	949
Width, Inches	1½
Length, Inches	14, 16, 18
Per Dozen	$16.65

Weight Per Dozen About 3½ Pounds.

Best Quality Heavy Black Leather, 2 Rows Large Brass Spots, Heavy Brass Trimmings, Loop Tongue Buckle.

No.	970
Width, Inches	2
Length, Inches	16, 18, 20
Per Dozen	$20.55

Weight Per Dozen About 6 Pounds.



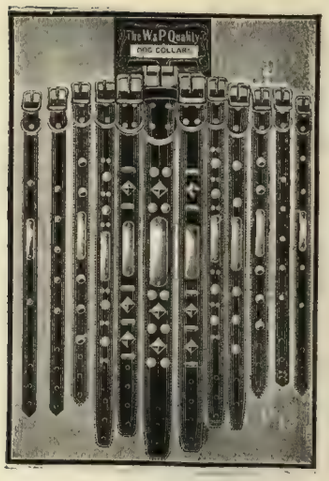
Matt Black Strap Leather, Heavy Brass Trimmings, Loop Tongue Buckle.

No.	272
Width, Inches	1½
Length, Inches	14, 16, 18
Per Dozen	$32.20

Weight Per Dozen About 4½ Pounds

All Above, One-half Dozen in a Box.

Dog Collar Assortments.



No. 337.

Per Assortment

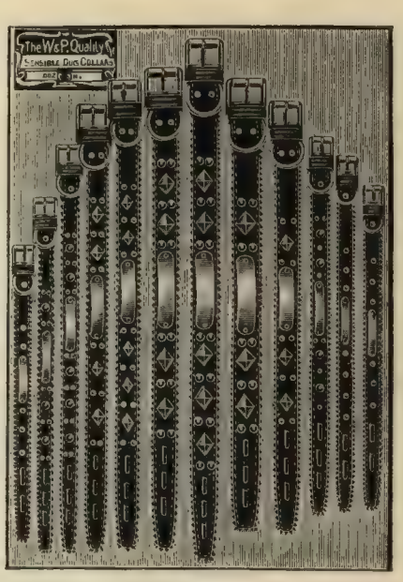
No. 337—Contains 1 Dozen Assorted Dog Collars, Russet, Red and Black Leather, Felt Lined, Stitched and Creased, Nickel Plated and Brass Polished Studs and Name Plate, Widths ⅞, 1¼ and 1½ in., Lengths 14, 15, 17, 19 and 20 in..... **$4.50**

No. 341—Contains ½ Dozen Assorted Russet and Black Leather Dog Collars, Felt Lined, Stitched and Creased, Nickel Plated and Polished Brass Mountings, Widths 1¼ and 1½ in., Lengths 19 and 20 in..... **4.25**

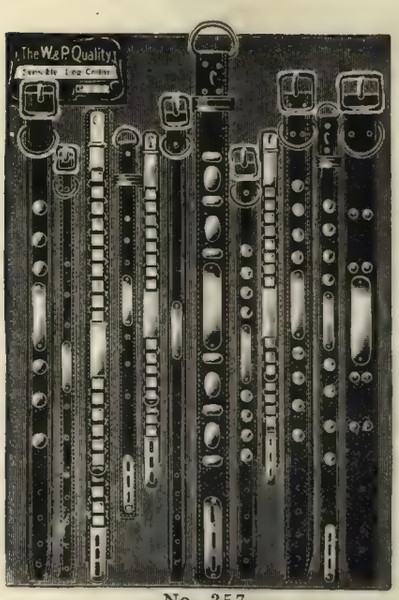
No. 366—Contains 1 Dozen Assorted Dog Collars, Russet and Black Leather, Felt Lined, Stitched, Nickel Plated and Polished Brass Mountings, Widths ⅝, ¾, 1 and 1¼ in., Lengths 10, 12, 14, 16, 17, 18 and 19½ in..... **8.90**

One Assortment on a Card.

Average Weight Per Dozen About 2 Pounds.



No. 366.



No. 357.

Per Assortment

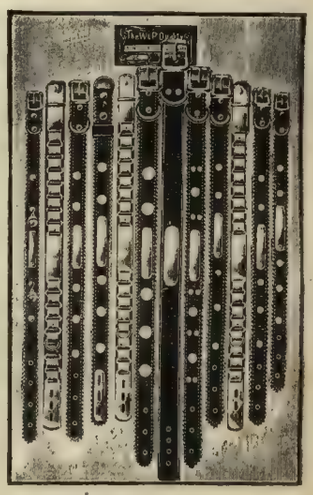
No. 357—Contains 1 Dozen Assorted Dog Collars, Russet, Brown and Green Leather, ½ Dozen Plain and ½ Dozen Felt Lined, Assorted Nickel Mountings, ¼ Dozen Nickel Plated Chain Collars, ¼ Dozen with Buckles and ½ Dozen with Staples, Widths ½ to 1¼ in., Lengths 12½ to 19½ in..... **$7.25**

No. 358—Contains 1 Dozen Assorted Dog Collars, Russet, Brown and Green Leather, ⅔ Dozen Plain and ⅓ Dozen Lined, Assorted Nickel Mountings, Widths ¾ to 1 in., Lengths 16 to 18 in..... **5.55**

No. 359—Contains 1 Dozen Assorted Dog Collars, Green and Red Leather, Assorted Nickel and Brass Mountings, Plain and Lined, Widths ½ to ¾ in., Lengths 14 to 19 in..... **3.90**

One Assortment on a Card.

Average Weight Per Dozen About 2 Pounds.



Nos. 358 and 359.

Dog Muzzles.

SAFETY

Tinned Steel Wire.

Per Dozen

No. 0—Russet Leather Straps, Assorted Sizes, Nos. 1 to 6....**$3.35**

No. 1—Russet Leather Straps, Large Size **4.50**

Weight Per Dozen About 4 Pounds.

ELGIN

Strong Webbing, with Buckle.

Nos.	20	25	30
Sizes	Small	Medium	Large
Per Dozen	**$3.35**	**3.35**	**3.35**

Weight Per Dozen About 2½ Pounds.

LEATHER

Russet Leather, with Buckles.

Nos.	10	11	12	15
Sizes	Small	Medium	Large	Ass'd
Per Dozen.	**$2.50**	**3.10**	**3.65**	**3.10**

Weight Per Dozen About 4 Pounds.

Chain Dog Leads.

Nos. 2, 5 and 8.

American Pattern.

Per Dozen

No. 2—6 ft., Medium, Polished Steel, with Handle on One End and Swivel Snap on the Other, Weight Per Dozen About 3 Lbs..... **$4.50**

No. 5—4½ ft., Small, Nickel Plated, with Handle on One End and Swivel Snap on the Other, Weight Per Dozen About 2½ Pounds..... **3.90**

No. 8—4 ft., **Pug Leads**, Nickel Plated, with Handle on One End and Swivel on the Other, Weight Per Dozen About 2 Lbs..... **3.35**

Hand Cuffs.

Bean's Improved Pattern.

Per Pair

No. 1—Polished Steel **$6.70**

Weight Per Pair About 12 Ounces.

One Pair in a Box.

Tower's Adjustable.

Forged Steel Shackles, Double Lock.

Per Pair

No. 10—Polished Steel **$6.70**
No. 12—Nickel Plated **7.80**

Weight Per Pair About 12 Ounces.

One Pair in a Box.

Police Nippers.

Phillip's, Forged Steel.

Per Dozen

No. 19—Nickel Plated **$18.90**

Readily applied, worked easily with one hand, and gives the officer complete control of the prisoner.

Weight Each About 4½ Ounces.

One-half Dozen in a Box.

Tower's Perfect, Welded Chain.

Per Dozen

No. 21—Nickel Plated, Interlocking Handles..... **$16.65**

The advantage of this twister is the Interlocking of the Handles. When in use the two handles lie one within the other, closing automatically.

Weight Each About 3 Ounces.

One-half Dozen in a Box.

Leg Irons.

Tower's Adjustable, Forged Steel Shackles, Double Locking.

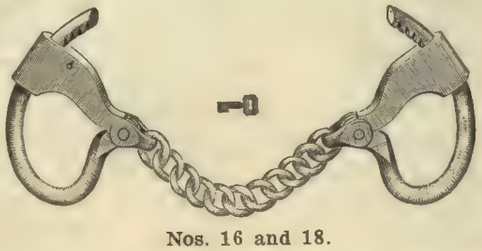
Per Pair

No. 16—Polished Steel **$10.00**
No. 18—Nickel Plated **11.65**

The Double Lock is not a mere name, but in fact two secure Tumbler Locks, one self-locking, the second locked with the key; the same key unlocking both when double-locked by turning twice around in the same direction.

Weight Per Pair About 4 Pounds.

One Pair in a Box.



Nos. 16 and 18.

Net Lists.

Component Shot Gun Parts.

BELGIAN BREECH LOADING DOUBLE BARREL SHOT GUNS

Round body hammer, filed and drilled, right or left hand, 1 to 1¼ inch from middle of nose to centre of hole. In ordering, state size.

No. 200 Right Hand, Per Doz.....$4.20
No. 201 Left Hand, Per Doz..... 4.20

Circular hammer, filed and drilled, right or left hand 1 to 1¼ inch from middle of nose to centre of hole. In ordering, state size.

No. 300 Right Hand, Per Doz.....$5.00
No. 301 Left Hand, Per Doz..... 5.00

CONCAVE CIRCULAR HAMMERS.

Filed and drilled, right or left hand 1 to 1¼ inch from middle of nose to centre of hole. In ordering state size.

No. 400 Right Hand, Per Doz.....$5.50
No. 401 Left Hand, Per Doz..... 5.50

TUMBLER PINS.

No. 1 Tumbler Pins, threaded, per doz..... $0.20

SIDE PINS.

No. 0 Side Pins, threaded, per doz..... $0.50

CROSS PINS.

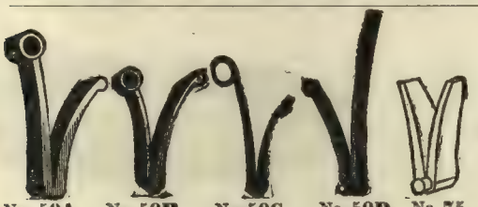
No. 1 Cross Pins, for muzzle loading guns, per doz....$0.60
No. 2 Cross Pins, for breech loading guns. per doz.... .70

INSIDE LOCK SCREWS.

No. 12 Inside Lock Screws, threaded, per dozen $0.20

TUMBLER SWIVELS.

No. 4 Tumbler Swivels, filed, single horn, per doz.....$0.80



TOP LEVER SPRINGS.

No. 50A.	No. 50B.	No. 50C. Per Doz.	No. 50D.	No. 75.	Per Dozen
No. 50A For English Guns,		$4.00	No. 50D For Tolley Guns.....		$4.00
" 50B " Bonehill "		4.00	" 75 " Belgium "		3.00
" 50C " English "		4.00	No. 72 For side snap Belgium gun.		1.50

Back Action, Double Sear Springs, Filed.

No. 100 Right hand, per doz.....$1.20
" 101 Left " " 1.20

Back Action, Single Sear Springs, Filed.

No. 105 Right hand, per doz.....$1.50
" 106 Left " " 1.50

Bar Sear Springs, Filed.

No. 110 Right hand, per doz.....$1.50
" 111 Left " " 1.50

BRASS FRONT SIGHTS.

No. 5 For Breech Loading Guns, per doz.....$0.50

No. 102

TRIGGERS.

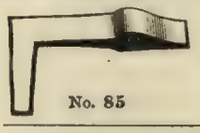
No. 102 Right Hand, filed Triggers. (See cut) Per Doz.....$1.00

No. 103 Left Hand, filed Triggers Per Doz..... 1.00

No. 136

BREECH LOADING SWIVEL TUMBLERS.

No.	Per Doz.
130 Back Action, Rebounding, filed, Right Hand...	$3.50
132 Back Action, Rebounding, filed, Left Hand.....	3.50
134 Bar Action, Rebounding, filed, Right Hand.....	3.50
136 Bar Action, Rebounding, filed, Left Hand.....	3.50



No. 85

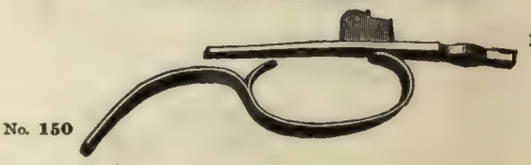
SEARS.

No.	Per Doz.
84 Back Action Sears, filed, Right Hand	$1.20
85 Back Action Sears, filed, Left Hand...	1.20
86 Bar Action Sears, filed, Right Hand..	1.20
87 Bar Action Sears, filed, Left Hand....	1.20

RUBBER BUTT PLATES.

No. 80 Rubber Butt Plates for Breech or Muzzle Loading Guns. Per Doz.....$7.00

GUARDS AND TRIGGER PLATES.



No. 150 No. 152

No.	Per Doz.
150 Breech Loading Guards filed and threaded.....	$3.00
152 Breech Loading Trigger Plates, filed and tapped.....	3.00

MAIN SPRINGS.

No. 70 No. 66 No. 50 No. 74

No.	Per Doz.
64 Back Action Swivel (Main and Sear Combination) Main Springs Right Hand, Breech Loading.....	$3.00
66 Back Action Swivel (Main and Sear Combination) Main Springs Left Hand, Breech Loading.....	3.00
68 Back Action Swivel Rebounding Main Springs Right Hand.....	3.50
70 " " " " " " Left Hand.....	3.50
72 Bar Action Swivel Rebounding Main Springs Right Hand.....	3.50
74 " " " " " " Left Hand.....	3.50

SPRING PLUNGERS.

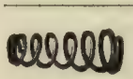
No. 95 For old style spring plunger guns Per Doz.....$0.30
No. 94 For Zulu Guns, Per Doz. . 2.00

NITRO PLUNGERS.

No. 97 For latest style Belgian Guns, Per Doz.....$0.50

SOLID PLUNGERS.

No. 90 8-32 in. diameter, per doz.....$1.00
91 9-32 " " " ... 1.00
92 10-32 " " " .. 1.00
93 11-32 " " " . 1.00

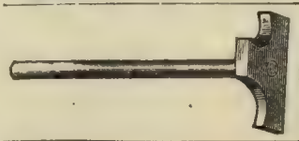


PLUNGER SPRINGS.

No. 80 Taper, for Double Guns. Per Doz..... $0.34
No. 82 For Zulu Guns " 1.00

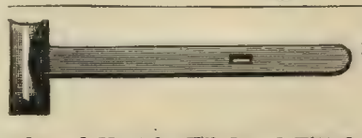
PLUNGER SEATS.

No. 84 For English Guns. Per Doz.....$1.00
No. 85 For Belgian Guns. (see cut) Per Doz..... 1.00



MILLED EXTRACTORS.

No. 86 Milled Extractors in a filed state. Per Doz. .$5.00



FORE-END IRONS.

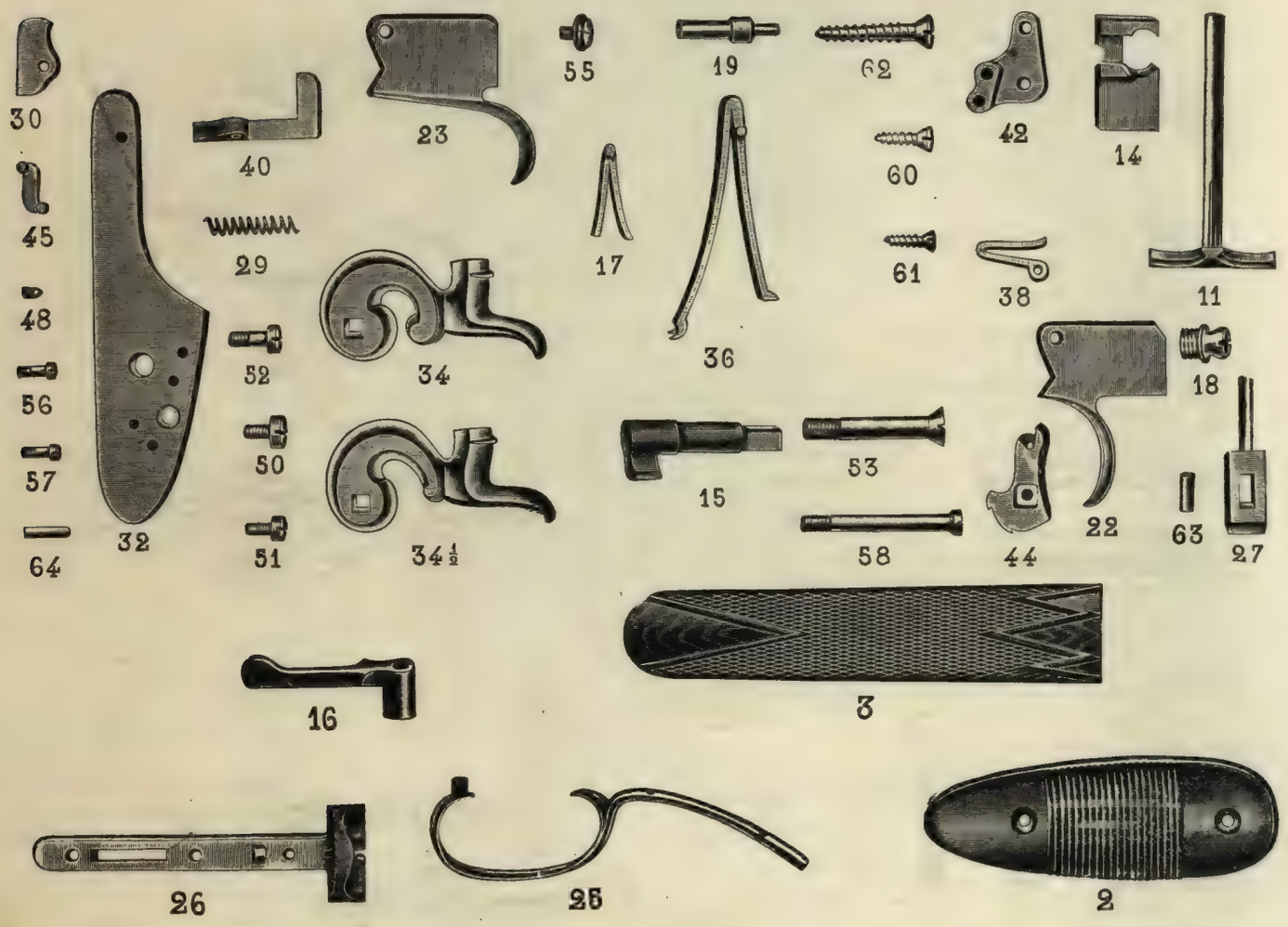
No. 88 Milled fore-end Irons for Double Guns. Per Doz.....$4.50

These Parts are not Finished, but are in the Rough, and Must be Filed and Fitted.

Component Shot Gun Parts.

Net Lists.

PRITZLAFF "QUALITY" INTERCHANGEABLE DOUBLE BARREL SHOT GUNS



	Each.
No. 2—Butt Plate	$0.40
No. 3—Fore-End, Wood Only	.80
No. 4—Fore-End, Complete	5.00
No. 11—Extractor	.50
No. 14—Bolt	.40
No. 15—Top Lever Post	.50
No. 16—Top Lever	.80
No. 17—Top Lever Spring	.30
No. 18—Nipple Seat	.30
No. 19—Plunger or Striker	.20
No. 22—Trigger, Right Hand	.30
No. 23—Trigger, Left Hand	.30
No. 25—Guard, Rough	.50
No. 26—Fore-End Iron	1.00

	Each.
No. 27 —Fore-End Bolt	$0.30
No. 29 —Fore-End Spring	.10
No. 30 —Extractor Cam	.14
No. 32 —Lock Plate	.60
No. 34 —Hammer, Right Hand	.60
No. 34½—Hammer, Left Hand	.60
No. 36 —Main Spring	.40
No. 38 —Sear Spring	.30
No. 40 —Sear	.30
No. 42 —Bridle	.40
No. 44 —Tumbler	.60
No. 45 —Swivel	.30
No. 48 —Extractor Screw	.10

	Each.
No. 50—Top Lever Screw	$0.10
No. 51—Trigger Plate Screw	.10
No. 52—Fore-End Iron Screw	.10
No. 53—Body Screw	.30
No. 55—Tumbler Pin	.10
No. 56—Bridle Screw	.10
No. 57—Bridle Screw	.10
No. 58—Side Lock Screw	.30
No. 60—Trigger Plate Screw	.10
No. 61—Guard Screw	.10
No. 62—Butt Plate Screw	.10
No. 63—Lock Pin	.10
No. 64—Lock Pin	.10

Unfinished Gun Stocks.

	Each.
Grade 1—Turned Wood, Imported Walnut	$1.75
Grade 2—Turned Wood, Imported Walnut	2.50

Component Shot Gun Parts.

Net Lists.

REMINGTON AUTO-LOADING

	Each.
No. 1—Action Spring Tube	$ 0.50
No. 2—Action Spring	.40
No. 3—Action Spring Follower	.35
No. 4—Action Spring Plug	.20
No. 6—Barrel Extension	3.00
No. 7—Breech Bolt	3.00
No. 8—Butt Stock, No. 1	3.50
No. 9—Butt Stock, Nos. 2 and 3	6.00
No. 10—Butt Stock, No. 4	8.00
No. 11—Butt Stock, No. 5	18.00
No. 12—Butt Stock, No. 6	25.00
No. 13—Butt Plate	.85
No. 14—Butt Plate Screws (2) Each	.10
No. 15—Carrier	2.00
No. 16—Carrier Spring	.35
No. 17—Carrier Screws (2) Each	.10
No. 18—Carrier Dog	.25
No. 19—Carrier Dog Spring	.15
No. 20—Carrier Dog Follower	.10
No. 21—Carrier Dog Pin	.10
No. 22—Carrier Latch	.75
No. 23—Carrier Latch Spring	.15
No. 24—Carrier Latch Button	.15
No. 25—Carrier Latch Screw	.10
No. 26—Cartridge Stop	.75
No. 27—Cartridge Stop Spring	.15
No. 28—Cartridge Stop Screw	.10
No. 29—Extractor	.40
No. 30—Extractor Spring	.15
No. 31—Extractor Pin	.10
No. 32—Firing Pin	.50
No. 33—Firing Pin Stop Pin	.10
No. 34—Friction Piece, Bronze	.25
No. 35—Friction Spring	.25
No. 36—Friction Ring	.25
No. 37—Front Sight, Complete	.75
No. 38—Front Sight, Base	.65
No. 39—Fore-End, Complete, No. 1	1.70
No. 40—Fore-End, Complete, Nos. 2 and 3	3.50
No. 41—Fore-End, Complete, No. 4	4.00
No. 42—Fore-End, Complete, No. 5	6.00
No. 43—Fore-End, Complete, No. 6	8.00
No. 44—Front Stock, Coupled with Magazine Cap Stock	2.00
No. 45—Hammer	.75
No. 46—Hammer Pin	.10
No. 47—Hammer Roll	.15
No. 48—Locking Screws, Each	.10
No. 49—Locking Block	1.50
No. 50—Locking Block Latch	.75
No. 51—Locking Block Latch Spring	.15
No. 52—Locking Block Latch Pin	.10
No. 53—Link	1.00
No. 54—Link Pin	.10
No. 55—Magazine	1.00
No. 56—Magazine Spring	.30
No. 57—Magazine Spring Retainer	.25

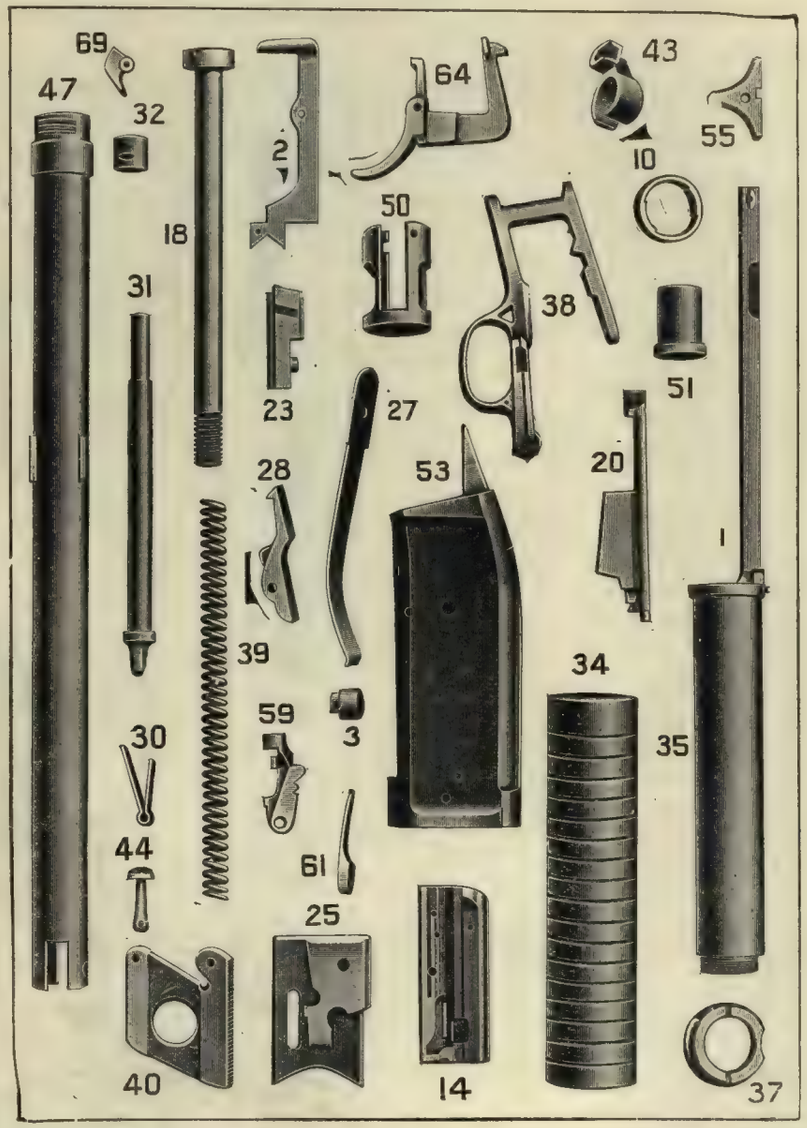
	Each.
No. 58—Magazine Follower	$0.50
No. 59—Magazine Cap, No. 1, 2, 3	.50
No. 60—Magazine Cap, No. 4	1.00
No. 61—Magazine Cap, No. 5	1.75
No. 62—Magazine Cap, No. 6	2.50
No. 63—Magazine Cap Stop, Complete	.30
No. 64—Main Spring	.40
No. 65—Main Spring Screw	.10
No. 66—Operating Slide, Nos. 1, 2, 3	1.50
No. 67—Operating Slide, No. 4	1.75
No. 68—Operating Slide, No. 5	2.00
No. 69—Operating Slide, No. 6	2.25
No. 70—Receiver, Nos. 1, 2 and 3	10.00
No. 71—Receiver, No. 4	20.00
No. 72—Receiver, No. 5	30.00
No. 73—Receiver, No. 6	60.00

	Each.
No. 74—Recoil Spring	$1.00
No. 75—Safety	.40
No. 76—Safety Sear	.35
No. 77—Safety Sear Follower	.15
No. 78—Safety Sear Spring	.15
No. 79—Tang Screw	.10
No. 80—Trigger	.50
No. 81—Trigger Spring	.20
No. 82—Trigger Pin	.10
No. 83—Trigger Plate, No. 1, 2, 3	2.50
No. 84—Trigger Plate, No. 4	3.50
No. 85—Trigger Plate, No. 5	4.50
No. 86—Trigger Plate, No. 6	7.50
No. 87—Trigger Plate Front Pin	.10
No. 88—Trigger Plate Rear Screw	.10
No. 89—Ejector	.20

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Shot Gun Parts.

REMINGTON REPEATING, MODEL 1908



	Each.
No. 1, 35, 36—Action Bar Complete with Fore-End Tube, Bushing and Rivets:	
Grade 1, 2 and 3	$ 2.50
Grade 4	3.50
Grade 5	4.00
Grade 6	4.00
No. 2—Action Bar Lock	.50
No. 3—Action Bar Lock Button	.10
No. 4—Action Bar Lock Button Spring	.10
No. 5—Action Bar Lock Pin	.10
No. 6—Action Bar Lock Spring	.10
No. 7—Action Bar Stud	.10
No. 8—Action Bar Rivet	.10
No. 9, 12, 43—Barrel Complete with Yoke and Barrel Lug:	
Grade 1, 2 and 3	15.00
Grade 4	20.00
Grade 5	25.00
Grade 6	30.00
No. 10—Barrel Adjusting Bushing	.50
No. 11—Barrel Adjusting Screw	.10
No. 12—Barrel Yoke:	
Grade 1, 2 and 3	1.25
Grade 4	2.00
Grade 5	3.50
Grade 6	5.00
No. 13—Barrel Yoke Stop Screw	.10
No. 14—Breech Block	4.00
No. 14½—Breech Block Assembled Complete	7.00
No. 15—Butt Plate	.85
No. 16—Butt Plate Screws	.10
No. 17—Butt Stock:	
Grade 1	4.50
Grade 2	22.50
Grade 3	22.50
Grade 4	25.00
Grade 5	30.00
Grade 6	35.00
No. 18—Butt Stock Bolt	.20
No. 19—Butt Stock Bolt Washer	.10
No. 20, 21—Carrier and Spring	2.50
No. 23—Carrier Stop	.25
No. 24—Cartridge Stop	.25
No. 25—Cocking Head	1.00
No. 25½—Cocking Head Complete with Main Spring, Firing Pin and Bushing	1.60
No. 26—Cocking Head Pin	.10
No. 27—Ejector Spring	.20
No. 28—Extractor	.40
No. 29—Extractor Pin	.10
No. 30—Extractor Spring	.20
No. 31—Firing Pin	.20
No. 32—Firing Pin Bushing	.15
No. 33—Firing Pin Bushing Pin	.10
No. 34—Fore-End:	
Grade 1	1.00
Grade 2	5.00
Grade 3	5.00
Grade 4	6.00
Grade 5	7.00
Grade 6	10.00
No. 37—Fore-End Nut	.30
No. 38—Guard:	
Grade 1, 2 and 3	2.50
Grade 4	4.00
Grade 5	6.00
Grade 6	10.00

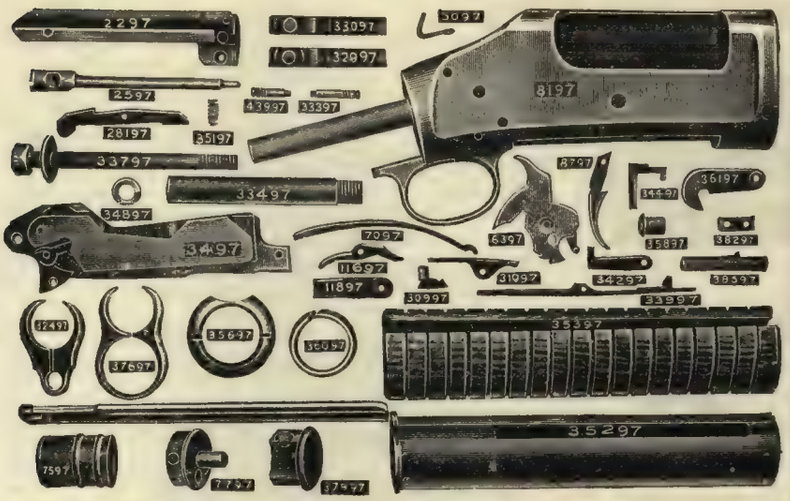
	Each.
No. 39—Main Spring	$ 0.25
No. 40—Magazine Lever	.60
No. 41—Magazine Lever Pin	.10
No. 42—Magazine Lever Spring	.10
No. 43—Barrel Lug	1.00
No. 44—Magazine Lever Detent	.20
No. 45—Barrel Lug Screw	.10
No. 46—Magazine Plug Screw	.10
No. 47, 48, 49—Magazine Tube Complete with Bushing and Two Lugs	2.00
No. 50—Magazine Plug	.40
No. 51—Magazine Follower	.10
No. 52—Magazine Spring	.20
No. 53—Receiver:	
Grade 1, 2 and 3	10.00
Grade 4	20.00
Grade 5	30.00
Grade 6	60.00
No. 54—Safety Slide Ball	.10
No. 55—Safety Slide	.25

	Each.
No. 55½—Safety Slide Complete with Ball, Plug and Spring	$0.35
No. 56—Safety Slide Pin	.10
No. 57—Safety Slide Spring	.10
No. 58—Safety Slide Plug	.10
No. 59—Sear	.50
No. 60—Sear Pin	.10
No. 61—Sear Spring	.20
No. 62—Sear Spring Screw	.10
No. 63—Tang Screw	.10
No. 64—Trigger	1.00
No. 65—Trigger Pin	.10
No. 66—Trigger Spring	.10
No. 68—Tang Screw Check Screw	.10
No. 69—Action Bar Lock Shoe	.25
No. 71—Breech Block Detent Pin	.10
No. 72—Magazine Lever Detent Retaining Pin	.10
No. 73—Magazine Lug Rivet	.10
No. 74—Guard Screw	.10
No. 75—Front Sight	.10
No. 76—Fore-End Rivet	.10

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Shot Gun Parts.

WINCHESTER REPEATING, MODEL 1897

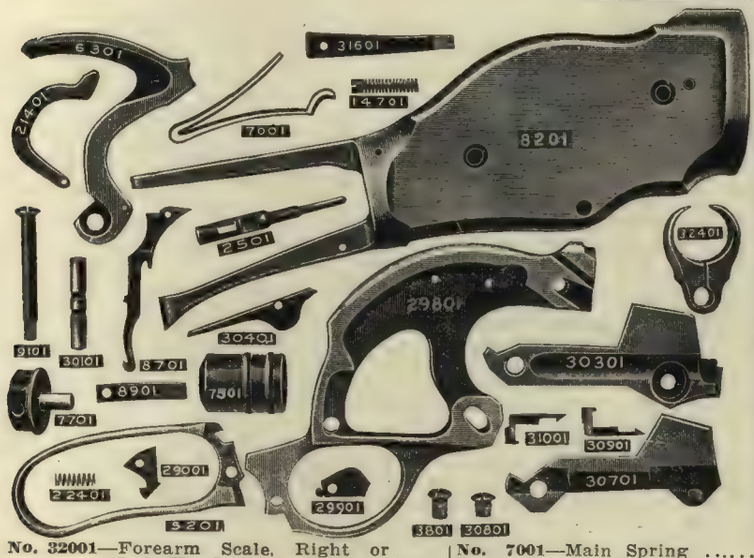


		Each.
No. 34897	Cartridge Guide Friction Spring	$0.20
No. 34997	Cartridge Guide Rivet	.05
No. 6397	Hammer with Stirrup and Stirrup Pin	.75
No. 13197	Hammer Pin	.05
No. 6497	Hammer Stirrup	.10
No. 6597	Hammer Stirrup Pin	.05
No. 11697	Sear	.20
No. 11797	Sear Pin	.05
No. 11897	Sear Spring	.20
No. 11997	Sear Spring Screw	.05
No. 33997	Action Slide Lock	.35
No. 34097	Action Slide Lock Joint Pin	.05
No. 34197	Action Slide Lock Joint Pin Stop Screw	.05
No. 34297	Action Slide Lock Spring	.05
No. 34397	Action Slide Lock Spring Screw	.05
No. 34497	Action Slide Lock Release Plunger	.30
No. 36897	Action Slide	$3.00
No. 36997	Adjusting Sleeve	1.75
No. 37097	Adjusting Sleeve Lock	.25
No. 37197	Adjusting Sleeve Lock Screw	.05
No. 297	Barrel	10.00
No. 37297	Barrel Chamber Ring	.50
No. 37397	Barrel Chamber Ring Retaining Screws (2), each	.05
No. 37497	Extension Top Screw	.05
No. 7297	Main Spring Strain Screw	$0.05
No. 7097	Main Spring	.30
No. 34597	Main Spring Pin	.05
No. 3397	Carrier Complete	6.35
No. 34697	Carrier Pin	.05
No. 34797	Carrier Pin Stop Screw	.05
No. 32897	Cartridge Guide Stop Screw	.05
No. 32879	Cartridge Guide Stop Screw	.05
No. 32997	Cartridge Stop, Right Hand	.45
No. 33097	Cartridge Stop, Left Hand	.45
No. 33297	Cartridge Stop Spring	.05
No. 33397	Cartridge Stop Screw, Right Hand	.05
No. 43097	Cartridge Stop Screw, Left Hand	.05
No. 5097	Ejector Spring	.10
No. 26997	Ejector Spring Screw	.05
No. 32797	Ejector Pin	.10
No. 10897	Front Sight	.05
No. 7497	Magazine Tube	1.65
No. 32497	Magazine Band	.60
No. 35297	Action Slide	$3.00
No. 35397	Action Slide Handle	.90
No. 35697	Action Slide Sleeve Screw Cap	.60
No. 36397	Action Slide Complete	4.50
No. 35797	Action Slide Handle, Trap or Pigeon Grade	5.00
No. 35897	Action Slide Lock Release Plunger Pin	.10
No. 35997	Action Slide Lock Release Plunger Pin Spring	.05
No. 36097	Action Slide Spring	.15
No. 36197	Action Slide Hook	.20
No. 36297	Action Slide Hook Screw	.05
No. 197	Barrel, Plain	10.00
No. 2297	Breech Bolt	2.75
No. 2597	Firing Pin	.50
No. 28197	Firing Pin Lock	.25
No. 35097	Firing Pin Lock Screw	.05
No. 35197	Firing Pin Lock Spring	.05
No. 2697	Firing Pin Stop Pin	.05
No. 30997	Extractor Right Hand	.25
No. 14797	Extractor Plunger, Right Hand	.05
No. 31197	Extractor Plunger Spring, Right Hand	.05
No. 31097	Extractor, Left Hand	.30
No. 31397	Extractor Pin, Left Hand	.05
No. 2197	Breech Bolt Complete	4.35
No. 3097	Butt Stock	3.00
No. 3197	Butt Plate	.50
No. 3297	Butt Plate Screws (2), each	.05
No. 2997	Butt Stock Complete	3.60
No. 3497	Carrier with Cartridge Guide, Friction Spring and Rivet	3.80
No. 4097	Cartridge Guide	.30
No. 32597	Magazine Band Screw	$0.05
No. 7797	Magazine Plug	.50
No. 7897	Magazine Plug Screw	.05
No. 7697	Magazine Spring	.15
No. 7597	Magazine Follower	.10
No. 7397	Magazine Complete	3.10
No. 32697	Magazine Stop Screw	.05
No. 8297	Receiver	9.00
No. 9697	Guard Bow	1.50
No. 8897	Trigger Pin	.05
No. 33497	Receiver Shank	.45
No. 8197	Receiver Complete	11.00
No. 33597	Receiver Shank Bolt	.30
No. 33697	Receiver Shank Bolt Washer	.05
No. 33797	Receiver Shank Bolt Complete	.35
No. 8797	Trigger	.20
No. 8997	Trigger Spring	.05
No. 33897	Trigger Stop Screw	.05

MODEL 1897, TAKE DOWN

		Each.
No. 37597	Magazine Tube	$2.05
No. 37697	Magazine Band	.60
No. 37797	Magazine Band Bushing	.25
No. 37897	Magazine Band Bushing Screws (2), each	.05
No. 37997	Magazine Plug	.60
No. 38097	Magazine Plug Screws (2) each	.05
No. 38197	Magazine Plug Stop	$0.25
No. 38297	Magazine Stop	.05
No. 38397	Magazine Stop Screw (2), each	.03
No. 38497	Magazine Spring	.15
No. 38597	Magazine Locking Pin and Spring	.25
No. 38697	Magazine Locking Pin Spring	.10
No. 38797	Magazine Follower	.15
No. 40397	T. D. Magazine Complete	4.65

MODEL 1901



		Each.
No. 32001	Forearm Scale, Right or Left Hand, each	$0.75
No. 32101	Forearm Scale Screw, Front or Rear, each	.05
No. 6301	Hammer	1.20
No. 32201	Main Spring Roll	.05
No. 32301	Main Spring Roll Pin	.05
No. 6201	Hammer Complete	1.30
No. 7001	Main Spring	$0.75
No. 7401	Magazine Tube	1.40
No. 32401	Magazine Band	.60
No. 32501	Magazine Band Screw	.05
No. 7501	Magazine Follower	.15
No. 7601	Magazine Spring	.15
No. 7701	Magazine Plug	.50
No. 7801	Magazine Plug Screw	.05
No. 101	Barrel	$10.00
No. 29801	Breech Block	7.00
No. 29901	Breech Block Stud	.15
No. 30001	Breech Block Stud Screw	.05
No. 30101	Breech Block Pin	.10
No. 3001	Butt Stock	3.40
No. 3101	Butt Plate	.80
No. 3201	Butt Plate Screws (2), each	.05
No. 2901	Butt Stock Complete	4.30
No. 30301	Carrier, Right Hand	1.10
No. 30401	Cartridge Lifter	.25
No. 30501	Cartridge Lifter Pin	.05
No. 30601	Cartridge Lifter Stop Pin	.05
No. 30201	Carrier, Right Hand, Complete	1.45
No. 30701	Carrier, Left Hand	.60
No. 3801	Carrier Screws (2), each	.05
No. 30801	Carrier Stop Screw	.05
No. 30901	Extractor, Right Hand	.30
No. 14701	Extractor, Plunger and Spring (2) each	.10
No. 31001	Extractor, Left Hand	.30
No. 31101	Extractor Springs (2), each	.05
No. 31201	Extractor Guide Screw	.05
No. 5201	Finger Lever	1.65
No. 29001	Finger Lever Lock	.25
No. 31501	Finger Lever Lock Pin	.05
No. 31601	Finger Lever Lock Spring	.05
No. 31701	Finger Lever Lock Spring Screw	.05
No. 31801	Finger Lever Joint Pin	.10
No. 22401	Finger Lever Spring	.05
No. 2501	Firing Pin	.65
No. 21401	Firing Pin Retractor	.35
No. 2601	Firing Pin Stop Pin	.05
No. 31901	Firing Pin Retractor Pin	.05
No. 7301	Magazine Complete	2.90
No. 8201	Receiver	11.00
No. 8701	Trigger	.40
No. 8801	Trigger Pin	.05
No. 8901	Trigger Spring	.20
No. 9001	Trigger Spring Screw	.05
No. 9101	Upper Tang Screw	.10

In ordering Parts, give Name, Number and Caliber of Shot Gun.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Shot Gun Parts.

WINCHESTER REPEATING, MODEL 1912

	Each
No. 35212—Action Slide	$2.75
No. 35312—Action Slide Handle	.75
No. 35612—Action Slide Sleeve Screw Cap	.50
No. 36312—Action Slide Complete	4.00
No. 49212—Action Slide Handle Retaining Spring	.05
No. 49312—Action Slide Lock and Spring	1.00
No. 34212—Action Slide Lock Spring	.05
No. 49412—Action Slide Lock Pivot	.05
No. 36012—Action Slide Spring	.15
No. 36912—Adjusting Sleeve	.75
No. 37012—Adjusting Sleeve Lock	.15
No. 37112—Adjusting Sleeve Lock Screw	.05
No. 112—Barrel	10.00
No. 212—Barrel with Raised Matted Rib	15.00
No. 37212—Barrel Chamber Ring	.50
No. 49512—Barrel Chamber Ring Screws (2), Ea.	.05
No. 2212—Breech Bolt	3.75
No. 49612—Breech Bolt Retaining Lever	.35
No. 49712—Breech Bolt Retaining Lever Pin	.05
No. 30912—Extractor, Right Hand	.25
No. 31012—Extractor, Left Hand	.25
No. 49812—Extractor Spring, Right Hand	.05
No. 49912—Extractor Spring, Left Hand	.05
No. 50012—Extractor Spring Plunger, Right Hand	.05
No. 31312—Extractor Pin, Left Hand	.05
No. 2512—Firing Pin	.25
No. 21412—Firing Pin Retractor	.25
No. 50112—Firing Pin Retractor Screw	.05
No. 50212—Firing Pin Retractor Spring	.05
No. 2112—Breech Bolt Complete	5.45
No. 3012—Butt Stock	3.00
No. 3112—Butt Plate	.80
No. 3212—Butt Plate Screws (2), Each	.05
No. 2912—Butt Stock Complete	3.90
No. 15412—Butt Stock Bolt	.30
No. 15512—Butt Stock Bolt Washer	.05

	Each
No. 18712—Butt Stock Bolt Complete	$0.35
No. 3412—Carrier	1.75
No. 50312—Carrier Plunger	.05
No. 50412—Carrier Plunger Spring	.05
No. 50512—Carrier Plunger Screw	.05
No. 3312—Carrier Complete	1.90
No. 50612—Carrier Pivot	.05
No. 12312—Carrier Spring	.05
No. 20712—Cartridge Cut Off	.75
No. 50712—Ejector with Spring	.50
No. 5012—Ejector Spring	.05
No. 6312—Hammer	.75
No. 15912—Hammer Spring Guide Rod	.20
No. 16012—Hammer Spring Guide Rod Pin	.05
No. 50912—Hammer Complete	1.00
No. 13112—Hammer Pin	.05
No. 14312—Hammer Spring	.10
No. 7412—Magazine Tube	3.50
No. 37612—Magazine Band	.60
No. 37712—Magazine Band Bushing	.25
No. 37812—Magazine Band Bushing Screws (2), Each	.05

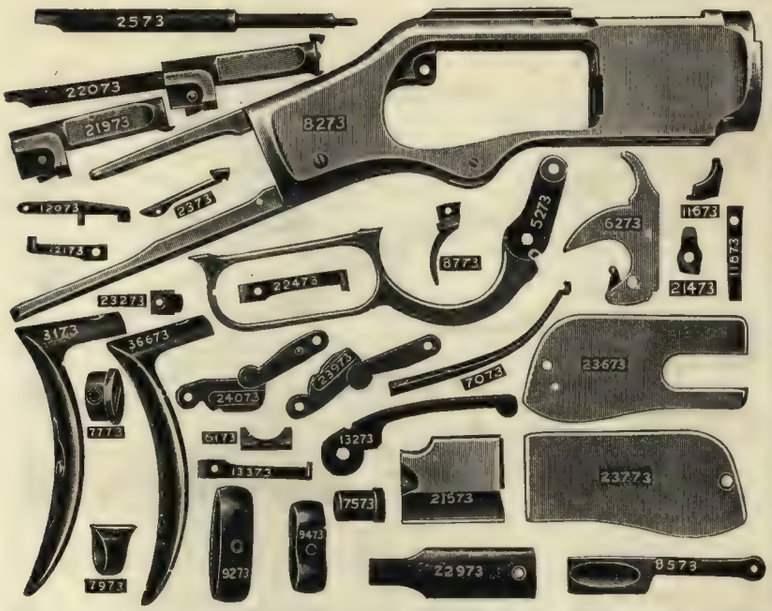
	Each
No. 7512—Magazine Follower	$0.10
No. 38512—Magazine Locking Pin and Spring	.25
No. 38612—Magazine Locking Pin Spring	.10
No. 7712—Magazine Plug	.50
No. 38112—Magazine Plug Stop	.25
No. 38012—Magazine Plug Screws (2), Each	.05
No. 7612—Magazine Spring	.15
No. 7312—Magazine Complete	5.95
No. 8212—Receiver	12.00
No. 33412—Receiver Shank	.25
No. 13612—Guard	3.75
No. 51012—Guard Screw	.05
No. 8112—Receiver Complete	16.05
No. 50812—Receiver Extension	2.50
No. 8712—Trigger	.35
No. 17912—Trigger Lock	.20
No. 18012—Trigger Lock Plunger	.05
No. 18112—Trigger Lock Plunger Spring	.05
No. 19112—Trigger Lock Plunger and Spring Complete	.30
No. 8912—Trigger Spring	.05
No. 8812—Trigger Pin	.05

In Ordering Parts Give Name, Number and Gauge of Shot Gun.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

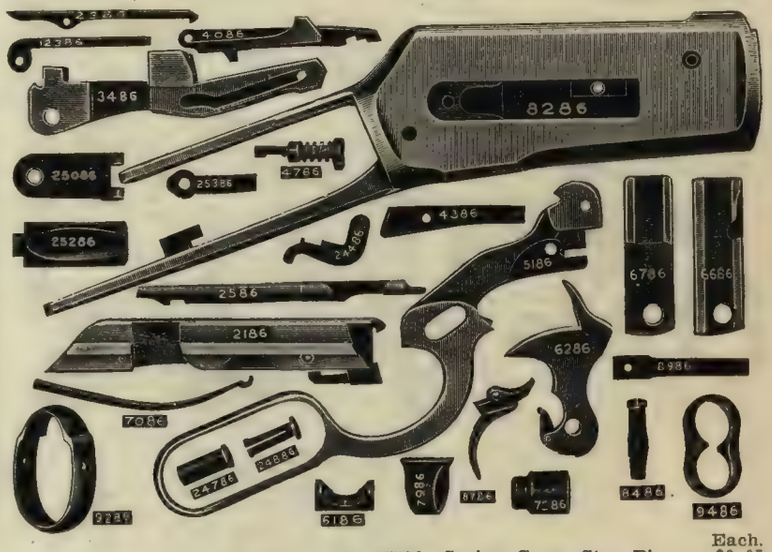
Component Rifle Parts.

WINCHESTER REPEATING, MODEL 1873



		Each.
No.	173—Barrel, Round	$6.50
No.	273—Barrel, Octagon	8.00
No.	373—Barrel, Half Octagon	8.50
No.	473—Barrel, Carbine	5.50
No.	573—Barrel, Musket	7.00
No.	3073—Butt Stock	1.80
No.	30673—Butt Plate, .32 Caliber	.80
No.	3273—Butt Plate Screws (2), each	.05
No.	30773—Butt Stock Complete, .32 Caliber	2.70
No.	3073—Butt Stock	1.80
No.	3173—Butt Plate, .38 and .44 Caliber, Complete	1.10
No.	3273—Butt Plate Screws (2), each	.05
No.	21673—Butt Plate Slide	.15
No.	21773—Butt Plate Slide Spring	.10
No.	21873—Butt Plate Slide Spring Screw	.05
No.	2973—Butt Stock Complete, .38 and .44 Caliber	3.00
No.	21973—Breech Pin Base	1.00
No.	2573—Firing Pin	.60
No.	21473—Firing Pin Extractor	.10
No.	2373—Extractor	.25
No.	2473—Extractor Pin	.05
No.	21273—Link Pin	.05
No.	22073—Breech Pin Complete	2.05
No.	21573—Carrier Block	1.40
No.	13273—Carrier Lever	.35
No.	13373—Carrier Lever Spring	.20
No.	13473—Carrier Lever Spring Screw	.05
No.	9473—Front Band, Carbine	.35
No.	9573—Front Band Screw, Carbine	.05
No.	5873—Forearm	.60
No.	5973—Forearm Tip	.85
No.	6073—Forearm Tip Screws (2), each	.05
No.	6173—Forearm Tip Tenon	.15
No.	5273—Finger Lever	1.55
No.	22173—Finger Lever Cam	.10
No.	5173—Finger Lever Complete	1.65
No.	22273—Finger Lever Screw	.05
No.	22373—Finger Lever Link Pin	.05
No.	22473—Finger Lever Spring	$0.20
No.	22573—Finger Lever Spring Screw	.05
No.	22673—Finger Lever Catch	.20
No.	22773—Finger Lever Catch Pin	.05
No.	22873—Finger Lever Catch Spring	.05
No.	36473—Finger Lever Catch, Complete	.30
No.	6373—Hammer	.60
No.	6473—Hammer Stirrup	.10
No.	6573—Hammer Stirrup Pin	.05
No.	6273—Hammer Complete	.75
No.	13173—Hammer Pin	.05
No.	14473—Lower Tang Screw	.05
No.	7473—Magazine Tube	1.80
No.	7773—Magazine Plug	.10
No.	7873—Magazine Plug Screw	.05
No.	7673—Magazine Spring	.10
No.	7573—Magazine Follower	.05
No.	7973—Magazine Ring	.30
No.	8073—Magazine Ring Pin	$0.05
No.	7373—Magazine Complete	2.45
No.	22973—Mortise Cover	.35
No.	23073—Mortise Cover Spring	.05
No.	23173—Mortise Cover Spring Screw	.05
No.	23273—Mortise Cover Stop	.25
No.	23373—Mortise Cover Stop Screw	.05
No.	23573—Mortise Cover Complete	.75
No.	7073—Main Spring	.30
No.	7173—Main Spring Screw	.05
No.	7273—Main Spring Strain Screw	.05
No.	9273—Rear Band, Carbine	.35
No.	9373—Rear Band Screw, Carbine	.05
No.	8273—Receiver with Lower Tang	9.40
No.	8373—Lower Tang	1.30
No.	23473—Side Tang Screws (2), each	.05
No.	23673—Side Plate, Right Hand	.80
No.	23773—Side Plate, Left Hand	.60
No.	23873—Side Plate Screw	.05
No.	8173—Receiver Complete	10.85
No.	8573—Spring Cover	.30
No.	8673—Spring Cover Screw	.05
No.	23973—Link, Right Hand, Complete	.60
No.	24073—Link, Left Hand, Complete	.60
No.	11673—Sear	.20
No.	11873—Sear Spring	.05
No.	11973—Sear Spring Screw	.05
No.	11773—Sear Pin	.05
No.	12073—Safety Catch	.15
No.	12273—Safety Catch Pin	.05
No.	12173—Safety Catch Spring	.05
No.	8773—Trigger	.20
No.	9173—Upper Tang Screw	.05
No.	20573—Wiping Rod, Rifle	.35
No.	24173—Wiping Rod, Carbine	.30
No.	24273—Wiping Rod, Musket	.45
No.	24373—Sling Ring and Staple, Carbine	.10

MODEL 1886



		Each.
No.	186—Barrel, Round	$ 6.50
No.	286—Barrel, Round, Nickel Steel	10.00
No.	386—Barrel, Octagon	8.00
No.	486—Barrel, Half Octagon	8.50
No.	586—Barrel, Carbine	5.50
No.	686—Barrel, Musket	7.00
No.	2286—Breech Bolt	2.25
No.	2386—Extractor	.25
No.	2486—Extractor Pin	.05
No.	2586—Firing Pin	.50
No.	2686—Firing Pin Stop Pin	.05
No.	2186—Breech Bolt, Complete	3.10
No.	3086—Butt Stock	1.80
No.	3186—Butt Plate	.80
No.	3286—Butt Plate Screws (2), each	.05
No.	2986—Butt Stock Complete	2.70
No.	3486—Carrier	2.00
No.	12386—Carrier Spring	.20
No.	12486—Carrier Spring Screw	.05
No.	24486—Carrier Hook	.30
No.	4886—Ejector	.35
No.	4986—Ejector Collar	.05
No.	5086—Ejector Spring	.05
No.	4786—Ejector Complete	.45
No.	4086—Cartridge Guide	.55
No.	4686—Cartridge Guide Screw	.05
No.	4386—Cartridge Stop	.25
No.	24586—Cartridge Stop Screw	.05
No.	5286—Finger Lever	1.60
No.	5386—Friction Stud	.10
No.	5486—Friction Stud Spring	.05
No.	5586—Friction Stud Stop Pin	.05
No.	5186—Finger Lever Complete	1.80
No.	24786—Finger Lever Bushing	.10
No.	24886—Finger Lever Bushing Pin	.20
No.	24986—Finger Lever Connecting Pin	$0.05
No.	5886—Forearm	.60
No.	5986—Forearm Tip	.85
No.	6086—Forearm Tip Screws (2), each	.05
No.	6186—Forearm Tip Tenon	.15
No.	9486—Front Band, Carbine	.40
No.	9586—Front Band Screw, Carbine	.05
No.	6386—Hammer	.60
No.	6486—Hammer Stirrup	.10
No.	6586—Hammer Stirrup Pin	.05
No.	6286—Hammer, complete	.75
No.	6686—Locking Bolt, Right Hand	.35
No.	6786—Locking Bolt, Left Hand	.30
No.	14486—Lower Tang Screw	.05
No.	7486—Magazine Tube	1.75
No.	7686—Magazine Spring	.10
No.	7786—Magazine Plug	.15
No.	7886—Magazine Plug Screw	$0.05
No.	7586—Magazine Follower	.05
No.	7986—Magazine Ring	.35
No.	7386—Magazine Complete	2.45
No.	7086—Main Spring	.30
No.	7286—Main Spring Strain Screw	.05
No.	8286—Receiver with Lower Tang	11.95
No.	8386—Lower Tang	1.95
No.	8486—Hammer Screw	.05
No.	8186—Receiver Complete	12.00
No.	9286—Rear Band, Carbine	.40
No.	9386—Rear Band Screw, Carbine	.05
No.	25086—Spring Cover Base	.30
No.	25186—Spring Cover Base Screw	.05
No.	25286—Spring Cover Leaf	.30
No.	25386—Spring Cover Leaf Spring	.10
No.	25486—Spring Cover Leaf Joint Pin	.05
No.	25586—Spring Cover Stop Pin	$0.05
No.	25686—Spring Cover Complete	.85
No.	8786—Trigger	.30
No.	8886—Trigger Pin	.05
No.	8986—Trigger Spring	.10
No.	9086—Trigger Spring Screw	.05
No.	9186—Upper Tang Screw	.05

MODEL 1886, "TAKE DOWN"

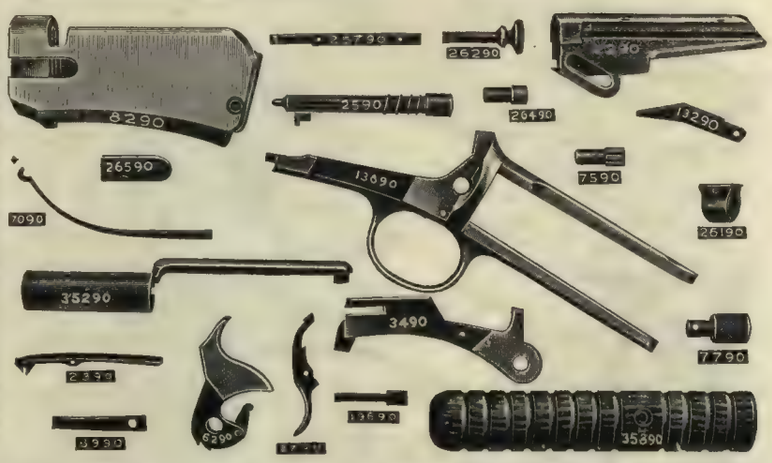
No.	39486—Extension Adjusting Screw	$0.05
No.	39586—Magazine Tube	1.75
No.	39686—Magazine Lever	.60
No.	39786—Magazine Lever Screw	.05
No.	39886—Magazine Lever Plunger	.05
No.	39986—Magazine Lever Plunger Spring	.05
No.	40086—Magazine Plug	.30
No.	40186—Magazine Plug Screw	.05
No.	40286—Magazine Follower Stop Ring	.05

In ordering Parts, Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

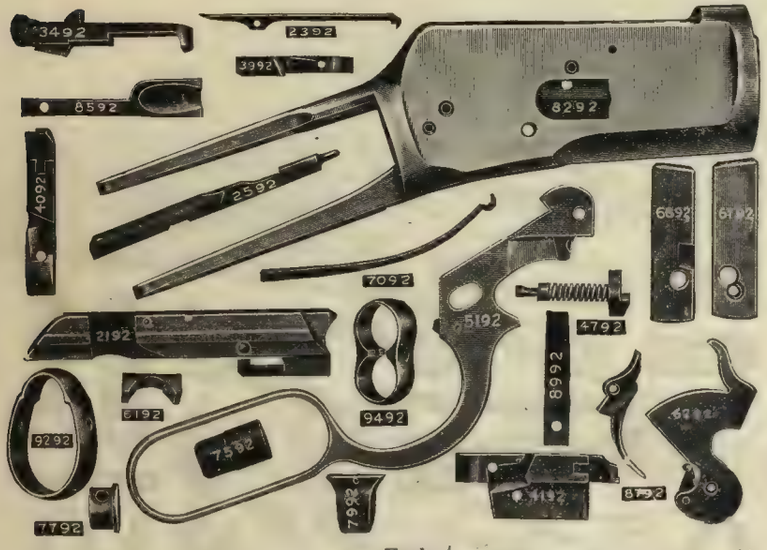
WINCHESTER REPEATING, MODEL 1890



	Each.
No. 35290—Action Slide	$0.80
No. 35390—Action Slide Handle	.40
No. 35490—Action Slide Handle Escutcheons (2), each	.05
No. 36590—Action Slide Handle Complete	.50
No. 35590—Action Slide Handle Screws (2), each	.05
No. 190—Barrel, Octagon, 24 inch	7.00
No. 3090—Butt Stock	1.80
No. 3190—Butt Plate	.80
No. 3290—Butt Plate Screws (2), each	.05
No. 2090—Butt Stock Complete	2.70
No. 2290—Brech Bolt	1.70
No. 2390—Extractor	.25
No. 2490—Extractor Pin	.05
No. 2590—Firing Pin and Spring	.50
No. 10590—Firing Pin Spring	.05
No. 25790—Firing Pin Stop	.10
No. 25890—Firing Pin Stop Screws (2), each	.05
No. 2190—Breech Bolt Complete	2.70
No. 6390—Hammer	.60
No. 6490—Hammer Stirrup	.10
No. 6590—Hammer Stirrup Pin	.05
No. 6290—Hammer Complete	.75

No. 3490—Carrier	$0.80
No. 13290—Carrier Lever	.10
No. 13590—Carrier Lever Pin	.05
No. 13390—Carrier Lever Spring	.05
No. 13490—Carrier Lever Spring Screw	.05
No. 25990—Trigger Stop Pin	.05
No. 3390—Carrier Complete	1.10
No. 19890—Magazine Tube, Outside	1.25
No. 19990—Magazine Tube, Inside	.95
No. 7790—Magazine Plug	.10
No. 19790—Magazine Plug Pin	.05
No. 7690—Magazine Spring	.10
No. 7590—Magazine Follower	$0.10
No. 20090—Magazine Tube, Inside, Complete	1.30
No. 19690—Magazine Friction Spring	.05
No. 26090—Magazine Ring, Front	.30
No. 26190—Magazine Ring, Rear	.30
No. 8090—Magazine Ring Pin	.05
No. 7090—Main Spring	.30
No. 7190—Main Spring Screw	.05
No. 7290—Main Spring Strain Screw	.05
No. 8290—Receiver	4.50
No. 13690—Guard	2.50
No. 26290—Assembling Screw	$0.15
No. 26390—Assembling Screw Stop Pin	.05
No. 26490—Assembling Screw Bushing	.10
No. 26590—Slide Cover	.15
No. 26690—Slide Cover Stop Screw	.05
No. 8190—Receiver Complete	7.50
No. 8790—Trigger	.30
No. 8890—Trigger Pin	.05
No. 8890—Trigger Spring	.05
No. 9090—Trigger Spring Screw	.05
No. 9190—Upper Tang Screw	.05
No. 20590—Wiping Rod	.15

MODEL 1892



	Each
No. 192—Barrel, Round	$6.50
No. 292—Barrel, Octagon	8.00
No. 392—Barrel, Half Octagon	8.50
No. 492—Barrel, Carbine	5.50
No. 592—Barrel, Musket	7.00
No. 2292—Breech Bolt	1.75
No. 2392—Extractor	.25
No. 2492—Extractor Pin	.05
No. 2592—Firing Pin	.50
No. 2692—Firing Pin Stop Pin	.05
No. 2792—Ejector Guide	.10
No. 2892—Ejector Guide Pins (2), each	.05
No. 2192—Breech Bolt Complete	2.80
No. 3092—Butt Stock	1.80
No. 3192—Butt Plate	.80
No. 3292—Butt Plate Screws (2), each	.05
No. 2992—Butt Stock Complete	2.70
No. 3492—Carrier	.50
No. 3592—Carrier Stop	.05
No. 3692—Carrier Stop Pin	.05
No. 3792—Carrier Stop Spring	.05
No. 3392—Carrier Complete	.65
No. 3892—Carrier Screws (2), each	.05
No. 3992—Cartridge Guide, Right Hand	.25
No. 4092—Cartridge Guide, Left Hand, .38 and .44 Caliber, Complete	.30

	Each.
No. 4292—Cartridge Guide, Left Hand .32 Caliber	$0.30
No. 4392—Cartridge Stop	.20
No. 4492—Cartridge Stop Joint Pin	.05
No. 4192—Cartridge Guide, Left Hand, .32 Caliber, Complete	.55
No. 4592—Cartridge Stop Spring	.05
No. 4692—Cartridge Guide Screws, (2) each	.05
No. 4892—Ejector	.35
No. 4992—Ejector Collar	.05
No. 5092—Ejector Spring	.05
No. 4792—Ejector Complete	.45
No. 5292—Finger Lever	1.50
No. 5392—Friction Stud	.05
No. 5492—Friction Stud Spring	.05
No. 5592—Friction Stud Stop Pin	.05
No. 5192—Finger Lever Complete	1.65
No. 5692—Finger Lever Pin	.05
No. 5792—Finger Lever Pin Stop Screw	.05

	Each.
No. 5892—Forearm	$0.60
No. 5992—Forearm Tip	.85
No. 6092—Forearm Tip Screws (2) each	.05
No. 6192—Forearm Tip Tenon	.15
No. 9492—Front Band, Carbine	.40
No. 9592—Front Band Screw, Carbine	.05
No. 6392—Hammer	.60
No. 6492—Hammer Stirrup	.10
No. 6592—Hammer Stirrup Pin	.05
No. 6292—Hammer Complete	.75
No. 6692—Locking Bolt, Right Hand	.25
No. 6792—Locking Bolt, Left Hand	.30
No. 6892—Locking Bolt Pin	.05
No. 6992—Locking Bolt Pin Stop Screw	.05
No. 7092—Main Spring	.30
No. 7192—Main Spring Screw	.05
No. 7292—Main Spring Strain Screw	.05
No. 7492—Magazine Tube	1.75
No. 7592—Magazine Follower	.05

	Each.
No. 7692—Magazine Spring	$0.10
No. 7792—Magazine Plug	.10
No. 7892—Magazine Plug Screw	.05
No. 7992—Magazine Ring	.30
No. 8092—Magazine Ring Pin	.10
No. 7392—Magazine Complete	2.45
No. 8292—Receiver with Lower Tang	7.95
No. 8392—Lower Tang	1.45
No. 8492—Hammer Screw	.05
No. 8192—Receiver Complete	8.00
No. 9292—Rear Band, Carbine	.35
No. 9392—Rear Band Screw, Carbine	.05
No. 8592—Spring Cover	.35
No. 8692—Spring Cover Screw	.05
No. 8792—Trigger	.33
No. 8892—Trigger Pin	.05
No. 8992—Trigger Spring	.05
No. 9092—Trigger Spring Screw	.05
No. 9192—Upper Tang Screw	.05

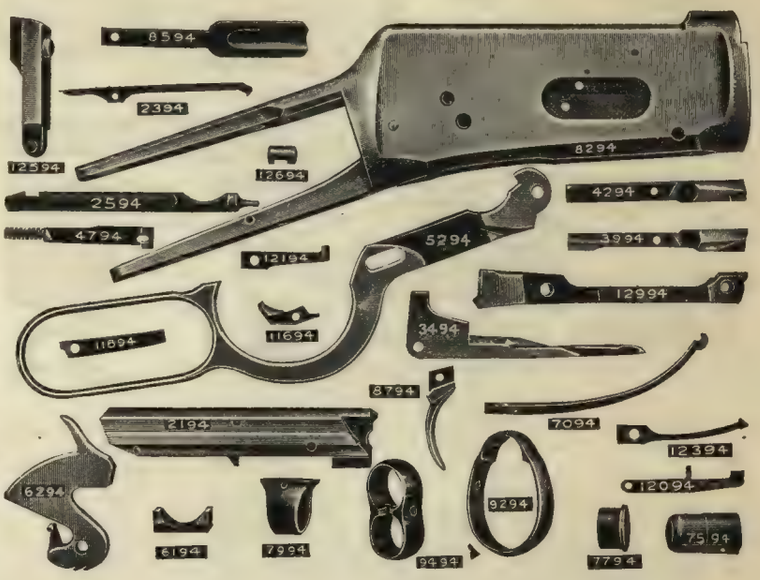
In ordering Parts, Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

WINCHESTER REPEATING, MODEL 1894

	Each.
No. 194—Barrel, Round	$ 6.50
No. 294—Barrel, Round, Extra Light	7.00
No. 394—Barrel, Round, Nickel Steel	10.00
No. 494—Barrel, Round, Nickel Steel, Extra Light.	12.00
No. 594—Barrel, Octagon	8.00
No. 694—Barrel, Octagon, Extra Light	8.50
No. 794—Barrel, Octagon, Nickel Steel	11.50
No. 894—Barrel, Octagon, Nickel Steel, Ex. Light.	13.50
No. 994—Barrel, Half Octagon	8.50
No. 1094—Barrel, Half Octagon, Extra Light	9.00
No. 1194—Barrel, Half Octagon, Nickel Steel	12.00
No. 1294—Barrel, Half Octagon, Nickel Steel, Extra Light	14.00
No. 1394—Barrel, Carbine	5.50
No. 1494—Barrel, Carbine, Nickel Steel	10.00
No. 2294—Breech Bolt	1.75
No. 2394—Extractor	.25
No. 2494—Extractor Pin	.05
No. 2594—Firing Pin	.50
No. 2694—Firing Pin Stop Pin	.05
No. 2194—Breech Bolt Complete	2.60
No. 3094—Butt Stock	1.80
No. 3194—Butt Plate	.80
No. 3294—Butt Plate Screws (2), Each	.05
No. 2994—Butt Stock Complete	2.70
No. 3494—Carrier	.75
No. 3894—Carrier Screws (2), Each	.05



	Each.
No. 12394—Carrier Spring	$0.25
No. 12494—Carrier Spring Screw	.05
No. 3994—Cartridge Guide, Right Hand	.30
No. 4294—Cartridge Guide, Left Hand	.30
No. 4694—Cartridge Guide Screws (2)	.05
No. 4894—Ejector	.30
No. 5094—Ejector Spring	.05
No. 26794—Ejector Stop Pin	.05
No. 4794—Ejector Complete	.40
No. 5294—Finger Lever	1.65
No. 5694—Finger Lever Pin	.05
No. 5794—Finger Lever Pin Stop Screw	.05
No. 26894—Finger Lever Link Screw	.05
No. 5894—Forearm	.60
No. 5994—Forearm Tip	.85
No. 6094—Forearm Tip Screws (2), Each	.05
No. 6194—Forearm Tip Tenon	.15
No. 9494—Front Band, Carbine	.40
No. 9594—Front Band Screw, Carbine	.05

	Each.
No. 6394—Hammer	$0.60
No. 6494—Hammer Stirrup	.10
No. 6594—Hammer Stirrup Pin	.05
No. 6294—Hammer Complete	.75
No. 13094—Link	1.00
No. 5394—Friction Stud	.10
No. 5494—Friction Stud Spring	.05
No. 5594—Friction Stud Stop Pin	.05
No. 12094—Link Complete	1.20
No. 21294—Link Pin	.05
No. 21394—Link Pin Stop Screw	.05
No. 12894—Locking Bolt	.50
No. 12694—Firing Pin Striker	.05
No. 12794—Firing Pin Striker Stop Pin	.05
No. 12594—Locking Bolt Complete	.60
No. 7094—Main Spring	.30
No. 7194—Main Spring Screw	.05
No. 7294—Main Spring Strain Screw	.05
No. 7494—Magazine Tube	1.80
No. 7594—Magazine Follower	.05
No. 7694—Magazine Spring	.10
No. 7794—Magazine Plug	.10

	Each.
No. 7894—Magazine Plug Screw	$0.05
No. 7994—Magazine Ring	.30
No. 8094—Magazine Ring Pin	.05
No. 7394—Magazine Complete	2.45
No. 8294—Receiver with Lower Tang.	7.95
No. 8394—Lower Tang	1.45
No. 8494—Hammer Screw	.05
No. 8194—Receiver Complete	8.00
No. 9294—Rear Band, Carbine	.35
No. 9394—Rear Band Screw, Carbine.	.05
No. 8594—Spring Cover	.35
No. 8694—Spring Cover Screw	.05
No. 11694—Sear	.20
No. 11794—Sear Pin	.05
No. 11894—Sear Spring	.05
No. 11994—Sear Spring Screw	.05
No. 12094—Safety Catch	.15
No. 12294—Safety Catch Pin	.05
No. 12194—Safety Catch Spring	.05
No. 8794—Trigger	.20
No. 9194—Upper Tang Screw	.05

MODEL 1894, "TAKE DOWN"

	Each.
No. 39494—Extension Adjusting Screw.	$0.05
No. 39594—Magazine Tube	1.80
No. 39694—Magazine Lever	.60
No. 39794—Magazine Lever Screw	.05

	Each.
No. 39894—Magazine Lever Plunger	$0.05
No. 39994—Magazine Lever Plunger Spring	.05

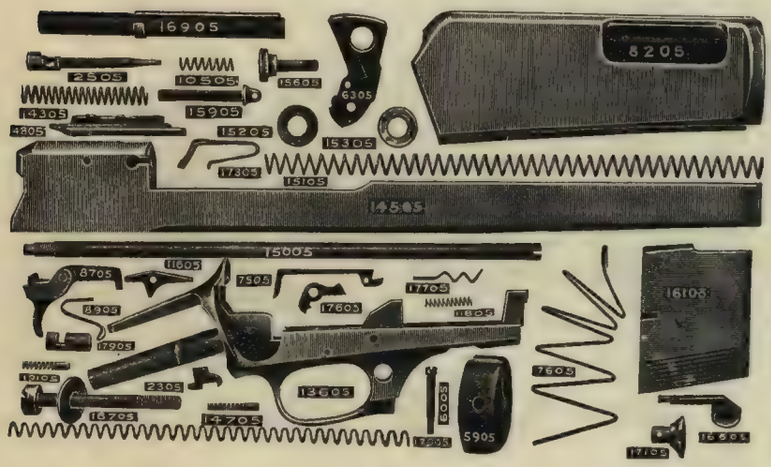
	Each.
No. 40094—Magazine Plug	$0.30
No. 40194—Magazine Plug Screw	.05
No. 40294—Magazine Follower Stop Ring	.05

In ordering Parts, Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

WINCHESTER SELF-LOADING, MODEL 1905



	Each.
No. 105—Barrel	$8.00
No. 14505—Bolt	7.00
No. 2305—Extractor	.40
No. 14705—Extractor Plunger and Spring	.10
No. 14805—Extractor Plunger Spring	.05
No. 14905—Extractor Plunger Stop Screw	.05
No. 2505—Firing Pin	.65
No. 10505—Firing Pin Spring	.05
No. 2605—Firing Pin Stop Pin	.05
No. 11305—Bolt Complete	8.30
No. 15005—Bolt Guide Rod	.35
No. 15105—Bolt Spring	.15
No. 15205—Buffers (2), each	.10
No. 15305—Buffer Washers (2), each	.05
No. 3005—Butt Stock	1.80
No. 3105—Butt Plate	.50
No. 3205—Butt Plate Screws (2), each	.05
No. 2905—Butt Stock Complete	2.40
No. 15405—Butt Stock Bolt	.30
No. 15505—Butt Stock Bolt Washer	.05
No. 18705—Butt Stock Bolt Complete	.35
No. 5805—Forearm	1.00

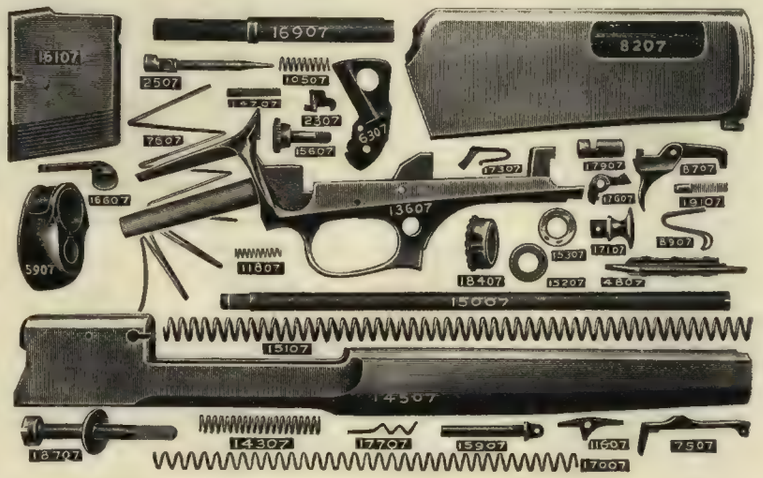
	Each.
No. 5905—Forearm Tip	$1.40
No. 6005—Forearm Tip Screws	.05
No. 6305—Hammer	1.00
No. 13105—Hammer Pin	.05
No. 14305—Hammer Spring	.10
No. 15905—Hammer Spring Guide Rod	.20
No. 16005—Hammer Epring Guide Rod Pin	.05
No. 16105—Magazine	.75
No. 7605—Magazine Spring	.25
No. 7505—Magazine Follower	.40
No. 16205—Magazine Follower Roll	.05
No. 16305—Magazine Follower Roll Pin	.05
No. 18805—Magazine, .32 Caliber, Complete	1.50
No. 16105—Magazine	.80
No. 7605—Magazine Spring	.20
No. 7505—Magazine Follower	.40

	Each.
No. 16205—Magazine Follower Roll	$0.05
No. 16305—Magazine Follower Roll Pin	.05
No. 18905—Magazine, .35 Caliber, Complete	1.50
No. 16605—Magazine Lock	.50
No. 16705—Magazine Lock Screw	.05
No. 16805—Magazine Lock Spring	.05
No. 16905—Operating Sleeve	.75
No. 17005—Operating Sleeve Spring	.10
No. 17105—Operating Sleeve Tip	.15
No. 17205—Operating Sleeve Tip Pin	.05
No. 19005—Operating Sleeve Tip Complete	.20
No. 8205—Receiver	8.25
No. 13605—Guard with Shank	5.25
No. 13705—Guard Shank	.25
No. 4805—Ejector	.50
No. 15605—Take Down Screw	.30

	Each.
No. 15705—Take Down Screw Bushing	$0.15
No. 15805—Take Down Screw Stop Pin	.05
No. 8105—Receiver Complete	14.50
No. 11605—Sear	.30
No. 11805—Sear Spring	.05
No. 17305—Take Down Screw Lock	.45
No. 17605—Timing Lever	.50
No. 17705—Timing Lever Spring	.10
No. 17805—Timing Lever Spring Screw	.05
No. 8705—Trigger	.85
No. 17905—Trigger Lock	.25
No. 18005—Trigger Lock Plunger	.05
No. 18105—Trigger Lock Plunger Spring	.05
No. 19105—Trigger Lock Plunger Complete	.10
No. 8805—Trigger Pin	.05
No. 8905—Trigger Spring	.10

WINCHESTER SELF-LOADING, MODEL 1907

No. 107—Barrel	$12.00
No. 14507—Bolt	8.25
No. 2307—Extractor	.40
No. 14707—Extractor Plunger and Spring	.10
No. 14807—Extractor Plunger Spring	.05
No. 14907—Extractor Plunger Stop Screw	.05
No. 2507—Firing Pin	.65
No. 10507—Firing Pin Spring	.05
No. 2607—Firing Pin Stop Pin	.05
No. 11307—Bolt Complete	9.55
No. 15007—Bolt Guide Rod	.35
No. 15107—Bolt Spring	.15
No. 15207—Buffer	.15
No. 15307—Buffer Washer	.10
No. 3007—Butt Stock	2.40
No. 3107—Butt Plate	.50
No. 3207—Butt Plate Screws (2), each	.05
No. 2907—Butt Stock Complete	3.00
No. 15407—Butt Stock Bolt	.30
No. 15507—Butt Stock Bolt Washer	.05
No. 18707—Butt Stock Bolt Complete	.35
No. 5807—Forearm	1.00
No. 5907—Forearm Tip	1.40
No. 18207—Forearm Tip Nut Plunger	.05
No. 18307—Forearm Tip Nut Plunger, Spring	.05



	Each.
No. 18607—Forearm Tip Complete	$1.50
No. 18407—Forearm Tip Nut	.30
No. 18507—Forearm Tip Key	.05
No. 6307—Hammer	1.00
No. 13107—Hammer Pin	.05
No. 14307—Hammer Spring	.10
No. 15907—Hammer Spring Guide Rod	.20
No. 16007—Hammer Spring Guide Rod Pin	.05
No. 16107—Magazine	.70
No. 7607—Magazine Spring	.25
No. 7507—Magazine Follower	.45
No. 16207—Magazine Follower Roll	.05
No. 16307—Magazine Follower Roll Pin	.05
No. 7307—Magazine Complete	1.50
No. 16607—Magazine Lock	.50

	Each.
No. 16707—Magazine Lock Screw	$0.05
No. 16807—Magazine Lock Spring	.05
No. 16907—Operating Sleeve	.75
No. 17007—Operating Sleeve Spring	.10
No. 17107—Operating Sleeve Tip	.20
No. 17207—Operating Sleeve Tip Pin	.05
No. 19007—Operating Sleeve Tip Complete	.25
No. 8207—Receiver	8.25
No. 13607—Guard with Shank	5.25
No. 13707—Guard Shank	.25
No. 4807—Ejector	.50
No. 15607—Take Down Screw	.30
No. 15707—Take Down Screw Bushing	.15
No. 15807—Take Down Screw Stop Pin	.05

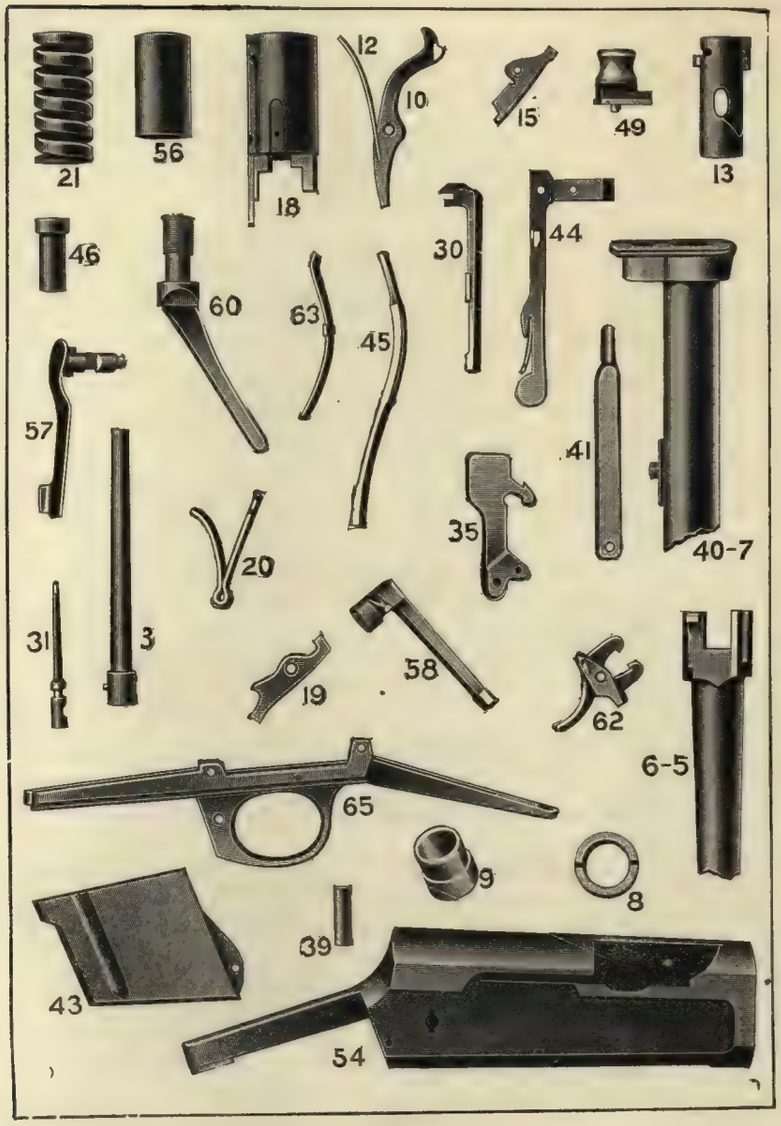
	Each.
No. 8107—Receiver Complete	$14.50
No. 11607—Sear	.30
No. 11807—Sear Spring	.05
No. 17307—Take Down Screw Lock	.45
No. 17607—Timing Lever	.50
No. 17707—Timing Lever Spring	.10
No. 17807—Timing Lever Spring Screw	.05
No. 8707—Trigger	.85
No. 17907—Trigger Lock	.25
No. 18007—Trigger Lock Plunger	.05
No. 18107—Trigger Lock Plunger Spring	.05
No. 19107—Trigger Lock Plunger Complete	.10
No. 8807—Trigger Pin	.05
No. 8907—Trigger Spring	.10

In ordering Parts, Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

REMINGTON AUTO-LOADING



	Each.
No. 1—Action Spring	$0.40
No. 2—Action Spring Follower	.35
No. 3—Action Spring Plug with Pin	.20
No. 4—Action Spring Tube	.50
No. 5—Barrel	8.00
No. 6—Barrel Extension	3.00
No. 7—Barrel Jacket	5.00
No. 8—Barrel Jacket Bushing	.30
No. 9—Barrel Nut	.50
No. 10—Barrel Lock	.75
No. 11—Barrel Lock Screw	.10
No. 12—Barrel Lock Spring	.10
No. 13—Bolt	3.00
No. 14—Bolt Cam Pins, Each	.20
No. 15—Bolt Lock	.30
No. 16—Bolt Lock Spring	.25
No. 17—Bolt Lock Pin	.10
No. 18—Bolt Carrier	3.00
No. 19—Bolt Carrier Latch	.30
No. 20—Bolt Carrier Latch Spring	.15
No. 21—Buffer Spring	.50
No. 22—Butt Stock, Plain	3.50
No. 23—Butt Plate	.85
No. 24—Butt Plate Screws, Each	.10
No. 25—Carrier Latch Screw	.10
No. 26—Ejector	.20
No. 27—Ejector Pin	.10
No. 28—Ejector Spring	.10
No. 29—Escutcheon	.20
No. 30—Extractor	.75
No. 31—Firing Pin	.50
No. 32—Firing Pin Pin	.10
No. 33—Forearm, Plain	2.00
No. 34—Forearm Screw and Swivel	.25
No. 35—Hammer	.75
No. 36—Hammer Roll	.15
No. 37—Hammer Roll Pin	.10
No. 38—Hammer Pin	.10

	Each.
No. 39—Hammer Bushing	$0.25
No. 40—Jacket Head	2.50
No. 41—Link	1.00
No. 42—Link Pin	.10
No. 43—Magazine	3.00
No. 44—Magazine Indicator, Thumb Piece and Spring	1.00
No. 45—Magazine Spring	.50
No. 46—Magazine Follower	.25
No. 47—Main Spring	.40
No. 48—Main Spring Screw	.10
No. 49—Operating Handle	.30
No. 50—Operating Handle Bushing	.25
No. 51—Operating Handle Plunger	.20
No. 52—Operating Handle Plunger Spring	.10
No. 53—Peep Sight Base Screw	.10
No. 54—Receiver	10.00

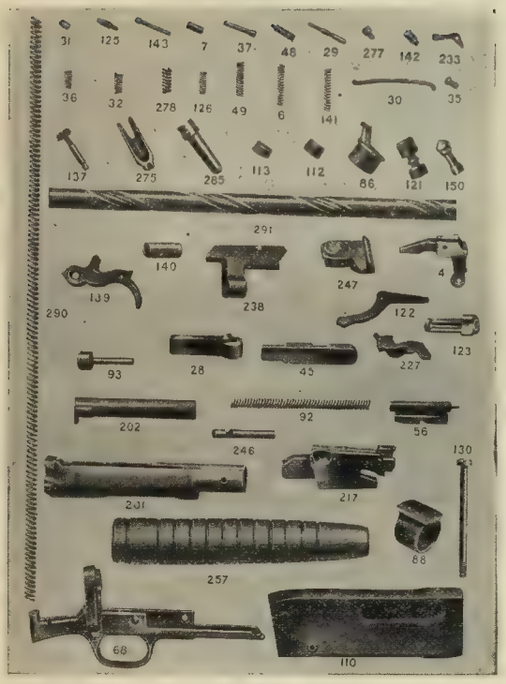
	Each.
No. 55—Recoil Spring	$0.25
No. 56—Recoil Spring Case	.40
No. 57—Safety	.50
No. 58—Safety Rocker	.75
No. 59—Safety Rocker Stop Screw	.10
No. 60—Take Down Screw, Lever and Pin	.25
No. 61—Tang Screw	.10
No. 62—Trigger	.50
No. 63—Trigger Spring	.20
No. 64—Trigger Pin	.10
No. 65—Trigger Plate	2.50
No. 66—Trigger Plate Pin	.10
No. 67—Trigger Plate Screw	.10
No. 68—Rear Sight	1.00
No. 69—Front Sight	.30
No. 70—Front Sight Base	.25

In ordering Parts, Give Name, Number and Caliber of Rifle.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

REMINGTON–U. M. C. HIGH POWER SPORTING



	Each
No. C 68—Guard	$ 3.00
No. C 275—Loading Door	1.00
No. C 76—Loading Door Pin	.10
No. C 277—Loading Door Plunger	.10
No. C 278—Loading Door Spring	.10
No. C285—Magazine Follower	.25
No. C 86—Magazine Plug	.15
No. C 87—Magazine Plug Screw	.10
No. C 88—Magazine Ring	.30
No. C 89—Magazine Screw	.10
No. C 290—Magazine Spring	.15
No. C 291—Magazine Tube	2.00
No. C 92—Main Spring	.10
No. C 93—Main Spring Plug	.10
No. C 110—Receiver	10.00
No. C 112—Receiver Bushing Plain	.10
No. C 113—Receiver Bushing Threaded	.10

	Each
No. C 201—Action Bar	$ 4.00
No. C 202—Action Bar Cover	.25
No. C 3—Action Bar Cover Screw	.10
No. C 4—Action Bar Lock	.50
No. C 5—Action Bar Lock Pin	.10
No. C 6—Action Bar Lock Spring	.10
No. C 7—Action Bar Lock Spring Case	.10
No. C 208—Ammunition Indicator	.15
No. C 311—Barrel	7.50
No. C 217—Breech Block	3.00
No. C 218—Shotgun Butt Plate, Rubber or Steel	1.00
No. C 19—Butt Plate Screws	.10
No. C 227—Carrier	.75
No. C-28—Carrier Dog	.25
No. C 29—Carrier Dog Pin	.10
No. C 30—Carrier Dog Spring	.10
No. C 31—Carrier Friction Plunger	.10
No. C 32—Carrier Friction Spring	.10
No. C 233—Carrier Lever	.15
No. C 34—Carrier Lever Pin	.10
No. C 35—Carrier Lever Plunger	.10
No. C 36—Carrier Lever Spring	.10
No. C 37—Carrier Pin	.10
No. C 238—Cartridge Stop	.35
No. C 45—Ejector	.60
No. C 246—Ejector Rod	.15
No. C 247—Extractor	.40
No. C 48—Extractor Plunger	.10
No. C 49—Extractor Spring	.10
No. C 56—Firing Pin	1.00
No. C 257—Fore End	.75
No. C 58—Fore End Escutcheon	.10
No. C 59—Fore End Screw	.10
No. C 121—Safety	.20
No. C 122—Sear	.50
No. C 123—Sear Lock	.25
No. C 124—Sear Lock Pin	.10
No. C 125—Sear Lock Plunger	.10
No. C 126—Sear Lock Spring	.10
No. C 127—Sear Pin	.10
No. C 128—Stock, Half-Pistol Grip	3.00
No. C 130—Stock Bolt	.25
No. C 137—Take-Down Screw	.20
No. C 139—Trigger	.60
No. C 140—Trigger Bushing	.10
No. C 141—Trigger Spring	.10
No. C 142—Trigger Spring Cap	.10
No. C 143—Trigger Spring Rod	.10
No. C 150—Unlocking Plunger	.10

Goods on This Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

REMINGTON 22 CALIBER REPEATING

No. 1 GRADE.

		Each.
No. W1	—Action Bar	$1.50
No. W2	—Action Bar Plunger	.15
No. W3	—Action Bar Plunger Pin	.05
No. W4	—Action Bar Spring	.10
No. W5	—Barrel (without Sights)	4.00
No. W7	—Breech Block	2.00
No. W7½	—Breech Block Complete	3.00
No. W8	—Butt Plate	.50
No. W10	—Butt Plate Screws (2)	10
No. W11	—Carrier	1.00
No. W12	—Carrier Dog	.40
No. W13	—Carrier Dog Pin (Same as Nos. 16 and 21)	.05
No. W14	—Carrier Dog Spring	.10
No. W15	—Cartridge Stop	.20
No. W16	—Ejector Pin (Same as Nos. 13 and 21)	.05
No. W17	—Extractor	.35
No. W18	—Extractor Plunger	.05
No. W19	—Extractor Spring	.10
No. W20	—Firing Pin	.50
No. W21	—Firing Pin Pin (Same as Nos. 13 and 16)	.05
No. W22	—Firing Pin Spring	.10
No. W23	—Firing Pin Spring Guide	.10
No. W24	—Fore-End, Standard	.60
No. W26	—Fore-End Escutcheons (2)	.10
No. W27	—Fore-End Screws (2)	.10
No. W28	—Front Sight	.25
No. W29	—Guard	2.50
No. W30	—Hammer	.75
No. W31	—Hammer Bushing	.10
No. W32	—Hammer Pin	.05
No. W33	—Magazine Follower	.10
No. W34	—Magazine Pin	.05
No. W35	—Magazine Plug	.30
No. W36	—Ejector Spring	.10
No. W37	—Ejector Spring Screw	.10
No. W38	—Magazine Ring (1 on Reg., 2 on Gal.)	.40
No. W39	—Magazine Screw	.10
No. W40	—Magazine Spring	.15
No. W42	—Magazine Tube, Inner	.70
No. W42½	—Magazine Tube, Inner, Complete	1.80
No. W44	—Magazine Tube, Outer	1.00
No. W46	—Main Spring	.10
No. W47	—Main Spring Rod	.30

		Each.
No. W48	—Rear Sight	$0.25
No. W49	—Rear Sight Base	.25
No. W50	—Rear Sight Elevating Screw	.10
No. W51	—Rear Sight Screw	.10
No. W48-51	—Rear Sight Complete	.70
No. W52	—Receiver	5.00
No. W53	—Receiver Bushing, Plain	.10
No. W54	—Receiver Bushing, Threaded	.10
No. W56	—Receiver Bushing Stud	.05
No. W57	—Retainer	.15
No. W58	—Safety	.15
No. W59	—Safety Plunger	.05
No. W60	—Safety Plunger Pin	.05
No. W61	—Safety Spring	.10
No. W62	—Stock, Including Bolt and Washer	2.00
No. W66	—Take Down Screw	.20
No. W68	—Trigger	.50
No. W70	—Trigger Spring	.10

		Each.
No. W71	—Trigger Spring Case	$0.25
No. W72-73	—Wiping Rod	.25
No. W75	—Plug Screw (2)	.10
No. W78	—Magazine Lever	.30
No. W79	—Magazine Lever Spring	.10
No. W80	—Magazine Lever Pin	.05

Nos. 2 AND 3 GRADES.

No. W6	—Barrel, Octagon,	$6.00
No. W9	—Butt Plate	1.00
No. W25	—Fore-End	.60
No. W28	—Front Sight	.25
No. W41	—Magazine Spring	.15
No. W43	—Magazine Tube, Inner	.75
No. W45	—Magazine Tube, Outer	1.10
No. W52	—Receiver	5.00

In ordering Parts, Give Name, Number and Caliber of Rifle.

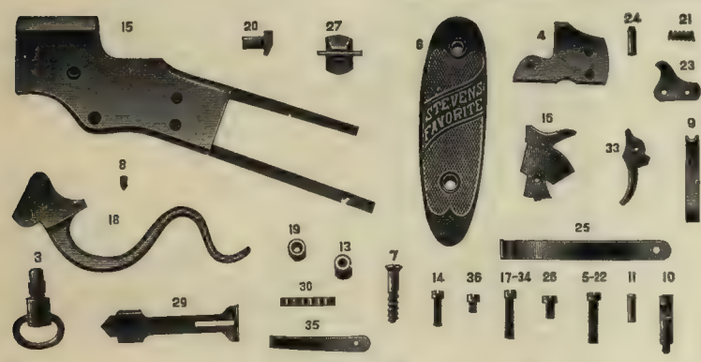
Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Rifle Parts.

STEVENS' "CRACK SHOT," No. 16. NEW STYLE

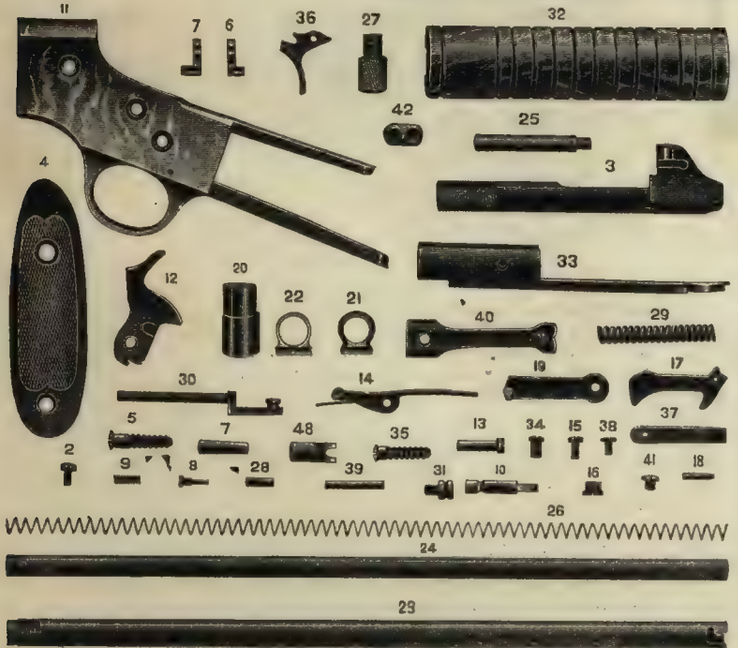
No.	Each.
1—Barrel, Complete with Sights and Forearm	$2.00
2—Barrel, without Sights, and Forearm	1.50
3—Barrel Screw	.20
4—Breech Block	.50
5—Breech Block Bushing	.15
6—Breech Block Plunger	.10
7—Breech Block Plunger Spring	.05
8—Breech Block Screw	.10
9—Breech Block Screw Check Nut	.10
10—Breech Block Wedge	.05
11—Butt Stock	1.00
12—Butt Plate (Rubber)	.50
13—Butt Plate Screws	.05
14—Extractor	.25
15—Firing Pin	.15
16—Firing Pin Pin	.15
17—Forearm	.30
18—Forearm Escutcheon	$0.05
19—Forearm Screw	.05
20—Frame	1.25
21—Hammer	.50
22—Hammer Screw	.05
23—Mainspring	.15
24—Mainspring Screw	.05
25—Open Rear Sight	.25
26—Open Front Sight	.25
27—Side Lever	.25
28—Side Lever Bushing	.15
29—Side Lever Check Nut	.10
30—Side Lever Screw	.10
31—Tang Screws	.05
32—Trigger	.25
33—Trigger Screw	.05
34—Trigger Spring	.15
35—Trigger Spring Screw. Mailing and Registering Barrel	.05 .40

STEVENS' FAVORITE. NEW STYLE



No.	Each.
1—Barrel, Complete, with Sights (22 inches)	$4.00
2—Barrel, without Sights (22 inches)	3.00
3—Barrel Screw	.25
4—Breech Block	.50
5—Breech Block Screw	.10
6—Butt Plate (Rubber)	.50
7—Butt Plate Screw	.05
8—Dummy Screw	.05
9—Extractor	.25
10—Firing Pin	.30
11—Firing Pin Pin	.05
12—Forearm	.40
13—Forearm Escutcheon	.05
14—Forearm Screw	.05
15—Frame	1.50
16—Hammer	.60
17—Hammer Screw	.05
18—Lever	.50
19—Lever Bushing	.10
20—Lever Plunger	.15
21—Lever Plunger Spring	.05
22—Lever Screw	.10
23—Link	$0.20
24—Link Pin	.05
25—Mainspring	.15
26—Mainspring Screw	.05
27—Front (Rocky Mountain Sight)	.50
28—Rear (Sporting) Sight	.75
30—Rear Right Step	.20
31—Stevens Leaf Rear Sight	$0.75
32—Stock	1.20
33—Trigger	.35
34—Trigger Screw	.05
35—Trigger Spring	.15
36—Trigger Spring Screw	.05
37—Sight Blanks	.25
38—Butt Plate (Steel)	$0.25
Barrel (24 inches)	5.00
Barrel (24 inches) with Sights and Forearm	6.00
Barrel (26 inches)	7.00
Barrel (26 inches) with Sights and Forearm	8.00

STEVENS' VISIBLE LOADING REPEATING



No.	Each.
1—Action Pin	$0.15
2—Action Pin Screw	.05
Barrel without Sights	1.75
Barrel with Sights	2.50
3—Breech Block	1.50
4—Butt Plate	.30
5—Butt Plate Screw (3)	.05
6—Extractor, Right	.25
7—Extractor, Left	.25
8—Extractor Screw (2)	.05
9—Extractor Spring	.05
Extractor Spring Pin (2)	.05
10—Firing Pin	.20
11—Frame	1.50
12—Hammer	.75
13—Hammer Screw Nut (2)	.10
14—Hammer Lock / Hammer Lock Spring	.50
15—Hammer Lock Screw (2)	.05
16—Hammer Lock Dummy Screw	.05
17—Lifter	.20
18—Lifter Pin	.05
19—Locking Cam	.50
20—Locking Cam Sleeve	.30
21—Magazine Mount Front	.30
22—Magazine Mount Rear	.30
23—Magazine Tube, Outside	.85
24—Magazine Tube, Inside / 25—Magazine Follower / 26—Magazine Spring / 27—Magazine Plug (Complete $1.50)	.85 .10 .20 .10
28—Magazine Plug Pin	.05
29—Main Spring	.10
Main Spring Plunger Bracket / 30—Main Spring Plunger Wire / Main Spring Plunger Stud	.25
31—Main Spring Screw	.05
Stock	1.00
32—Slide Handle / Slide Handle Sleeve	$0.50
33—Slide Handle Bar / Slide Handle Bar Rivets (2)	2.00
34—Slide Handle Screw (2)	.05
35—Tang Screw	.05
36—Trigger	$0.35
37—Trigger Spring	.05
38—Trigger Spring Screw	.05
39—Trigger Pin	.05
40—Sporting Rear Sight	.50
41—Sporting Rear Sight Screw	.05
42—Front Sight	$0.25
43—Main Spring Plunger Seat	.10
44—Dummy Screw (2)	.05
45—Slide Handle Escutcheon (2)	.05
46—Sporting Rear Sight Adj. Screw	.05

In ordering Parts, Give Name, Number and Caliber of Rifle and also send Broken Part if possible.

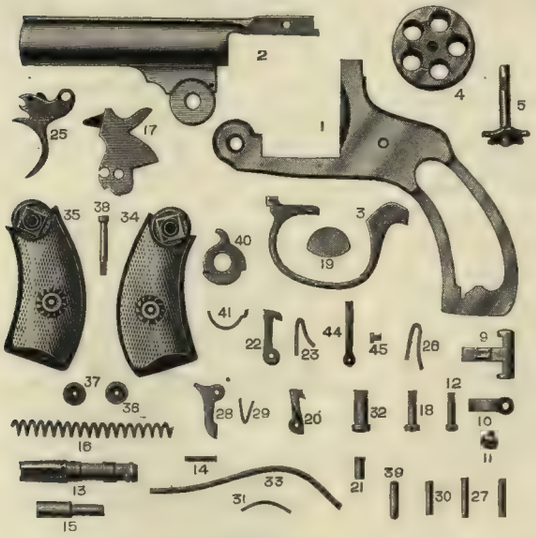
Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Component Revolver Parts.

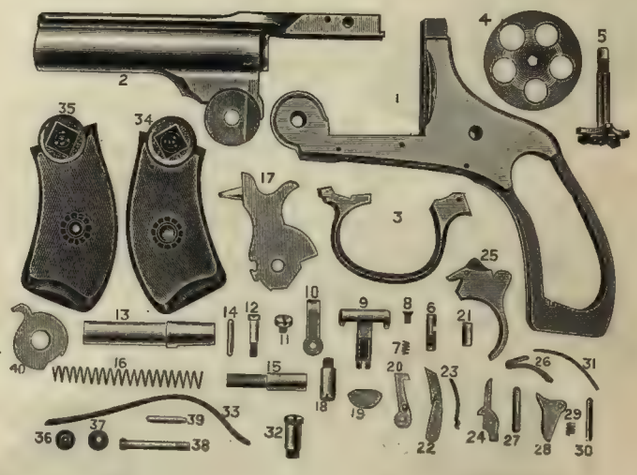
Component Parts of the American Safety Hammer, Young America, Young America Safety Hammer, Vest Pocket Safety Hammer, H. & R. Bull Dog, and Young America Bull Dog Double Action Revolvers.

		Each.
No. 1	—Barrel, 2½ inch	$0.50
	Barrel, 4½ inch	.90
	Barrel, 6 inch	1.30
No. 2	—Cylinder	.50
No. 3	—Center Pin	.10
No. 4	—Center Pin Catch	.10
No. 5	—Center Catch Spring	.05
No. 6	—Center Pin Catch Pin	.02
No. 7	—Hammer	.40
No. 7½	—Safety Hammer	.40
No. 8	—Hammer Screw	.05
No. 9	—Lifter	.15
No. 10	—Lifter Pin	.02
No. 11	—Lever	.10
No. 12	—Lever Spring	.06
No. 13	—Trigger	.30
No. 14	—Trigger Spring	.10
No. 16	—Main Spring	.10
No. 19	—Guard	.40
No. 21	—Stock, Right	.12
No. 22	—Stock, Left	.12
No. 27	—Sear	.10
No. 31	—Gate	.20

Component Parts of the H. & R. Automatic, Police Automatic Premier and Bicycle Revolvers.



Cut Showing Parts of Police Automatic Premier and Bicycle Revolvers.



Cut Showing Parts for H. & R. Automatic Revolvers.

		Each.
No. 1	—Frame	$1.50
No. 2	—Barrel, 3¼ inch	1.50
	Barrel, 4 inch	1.90
	Barrel, 5 inch	2.40
	Barrel, 6 inch	2.90
No. 3	—Guard	.50
No. 4	—Cylinder Complete	1.50
No. 5	—Extractor	.50
No. 6	—Cylinder Catch Bolt	.10
No. 7	—Cylinder Catch Bolt Spring	.02
No. 8	—Cylinder Catch Bolt Screw	.05
No. 9	—Barrel Catch	.30
No. 13	—Quill	.20
No. 15	—Extractor Extension	.10
No. 16	—Extractor Spring	.10

		Each.
No. 17	—Hammer	$0.50
No. 18	—Hammer Screw	.05
No. 20	—Lifter	.15
No. 22	—Lever	.10
No. 23	—Lever Spring	.06
No. 24	—Cylinder Catch	.10
No. 25	—Trigger	.40
No. 26	—Trigger Spring	.10
No. 28	—Sear	.10
No. 32	—Hinge Screw	.10
No. 33	—Main Spring	.10
No. 34	—Stock, Right	.15
No. 35	—Stock, Left	.15
No. 40	—Hook	.30
	Hook Spring	.10

Be Sure and State Caliber, and if Possible Return Old Parts when Ordering New Ones.

Goods on this Page Not Carried in Stock, Furnished Direct from Factory Only.

Miners' and Campers' Lamps.

JUSTRITE

With Lever Feed and Lighter Attachment. Per Dozen

No. 85 — Matchless, Polished Brass, 2¼ in. Polished Brass Reflector, Seamless Brass Water Reservoir and Carbide Container, 16.7 Candle Power, Weight 5 Oz. **$20.00**

With Lever Feed and Lighter Attachment. Per Dozen

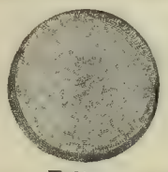
No. 100—Superintendents', Nickel Plated and Highly Polished, 2½ in. Nickel Plated Reflector, Seamless Brass Water Reservoir and Carbide Container, Burns 3 Hours with One Filling, Folding Handle and Hook, Complete with Extra Carbide Container, Rubber Gasket, Felt Packing and Burner Tips, Weight 5 Oz. **$26.65**
One in a Box.

With Lever Feed and Lighter Attachment. Per Dozen

No. 95—Superintendents', Nickel Plated and Highly Polished, 3 in. Nickel Plated Reflector, Seamless Brass Water Reservoir and Carbide Container, Burns 5 Hours with One Filling, Folding Handles and Hook, Complete with Extra Carbide Container, Rubber Gaskets, Felt Packing and Burner, Weight 8 Oz. **$40.00**

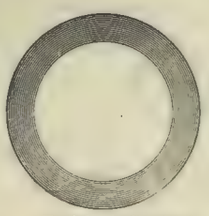
No matches required to light the Justrite. Cover the reflector with palm of the hand, hold few seconds, then draw hand downward quickly, rubbing over the steel wheel.

Miners' and Campers' Lamp Repair Outfits.



Felt.

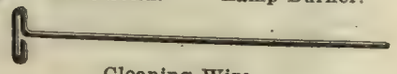
Felt Holder.



Rubber Gasket.

Valve Stem.

Lamp Burner.



Cleaning Wire.

Outfit No. 2—Contains the Following: 6 Dozen Rubber Gaskets, 3 Dozen Felt Packing, 6 Dozen Burner Tips, 1 Dozen Cleaning Wires, 1 Dozen Felt Holders, and ½ Dozen Valve Stems, Complete in Partitioned Display Box **$7.80**
Each

Reflectors.

MATCHLESS

With Lighting Attachment. Per Dozen

No. 26—2½ in. Polished Brass, for Nos. 85, 100 and 95 Justrite Lamps **$4.50**

Lights the gas with a rub of the hand. Is held firmly around Tip Holder of Lamp by Tightening Screw in Collar.

No. 26.

Miners' Candlesticks.

Per Dozen

No. 30—$\frac{5}{16}$ in. Steel Wire, Copper Plated, Round Point, Sharpened and Hardened **$2.70**

Head Lamps.

COLUMBIA

Each

No. 1—Gun Metal Finish Headlight, Powerful Parabolic Reflector, 2¾ in. Diameter Face, Weight 6 Oz., Gun Metal Brass Generator, 5½ in. Long, 2 in. Diameter, Weight 16 Oz., Carbide Capacity Enough to Run Lamp 5½ Hours, Complete with Strap and Tubing, **without Belt. . . $7.80**

SAMBO

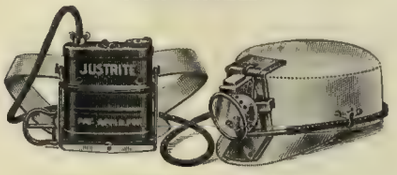
Per Dozen

No. 5—For Coal Oil, Complete. . **$12.25**

This Lamp is especially adapted for the use of hunters and fishermen. The hood reflector, with mirror back, throws a very strong light that penetrates to a great distance, making the Sambo Head Lamp invaluable for coon and deer hunting and for night fishing and spearing. Uses a regular coal oil lamp burner, with flat wick.

Head Lamps.

JUSTRITE

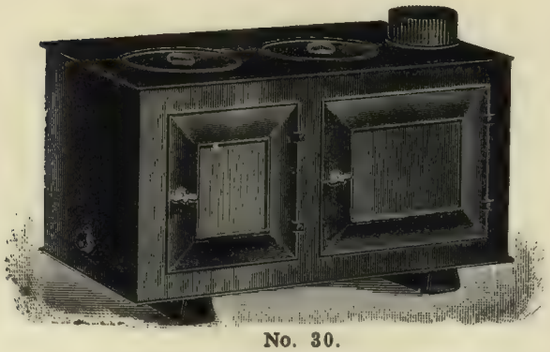


With Lighting Attachment, without Cap.
Each

No. 44—Seamless Drawn Brass Water Reservoir and Carbide Container, Generator is Strapped Around Waist, Burns 10 Hours with One Filling, Weight Each 2 Lbs. . **$5.60**
One in a Box.

Camp Stoves.

JUNIOR



No. 30.

24 Gauge Sheet Steel.

Each

No. 30—24 in. Long, 11½ in. Wide, 14 in. High, 2 Cooking Holes, 4 in. Pipe Hole, Complete with 3 Joints of 4 in. Pipe, 10 in. Long $4.45

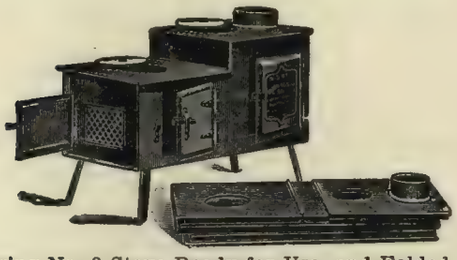
No Camping Outfit is complete without this Stove. Fills the wants for a low priced Camp Stove, which has given satisfactory results. Is splendid heater and bakes perfectly.

Weight Each About 20 Pounds.

One in a Crate.

F. O. B. Milwaukee.

THE SPORTSMAN'S LITTLE PET



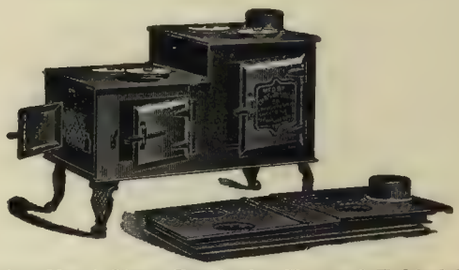
Cut Showing No. 2 Stove Ready for Use, and Folded Ready for Traveling.

20 Gauge Sheet Steel. Each

No. 2—Folding, 23 in. Long, 12 in. High, 12 in. Wide, 17 in. High Overall when in Use, 5 in. Pipe Hole, 5 in. Cooking Holes, 8x8 in. Square Oven, 12 in. Deep $17.75

No. 20—Not Folding, Otherwise Same as No. 2, Weight Each About 25 Lbs 13.35

THE SPORTSMAN'S FRIEND



Cut Showing No. 1 Stove Ready for Use and Folded Ready for Traveling.

20 Gauge Sheet Steel. Each

No. 1—Folding, 29 in. Long, 17 in. Wide, 16 in. High, 7 in. Long Back Legs, Stove 23 in. High Overall when in Use, 5 in. Pipe Hole, 5 in. Cooking Hole, Oven 11 in. High, 10 in. Wide, 17 in. Deep $22.25

No. 10—Not Folding, Otherwise Same as No. 1, Weight Each About 38 Lbs 17.75

Damper—The Damper Attachment regulates the heat by three movements. By pulling the Damper out as far as it will come will cause the heat to come around over the top of the Oven, so you can cook and fry on the four holes. By pushing the Damper in half way it will give uniform heat at the top and bottom of the oven. By pushing the Damper as far as it will go it will cause the entire heat to go around the bottom and rear of Oven, which will heat the Oven for baking or roasting.

For Prospectors, Miners, Woodsmen, Sportsmen, Jockeys, Circuses, Picnic Parties, Private Families, Summer Kitchens, Tents, and for all kinds of other uses these Stoves are just what you want.

Shipped Only from Factory, F. O. B. Chicago.

Rubber Boots.

WE DO NOT GUARANTEE RUBBER BOOTS

SHORT BOOTS

No. 10.

Per Pair

No. 10—Heavy, Net Lining, Height from Bottom of Heel to Top of Back Seam About 16½ in. $8.35

Sizes: 6, 7, 8, 9, 10, 11.

Weight Per Pair About 5 Pounds.

SPORTING BOOTS

No. 25.

Per Pair

No. 25—Net Lining, Height from Bottom of Heel to Top of Back Seam About 32 in. $12.25

Size: 6, 7, 8, 9, 10, 11.

Weight Per Pair About 6 Pounds.

HIP BOOTS

No. 30.

Per Pair

No. 30—Net Lining, Height from Bottom to Extreme Length of Hip About 37 in., from Heel to Crotch About 31 in. $12.25

Size: 6, 7, 8, 9, 10, 11.

Weight Per Pair About 6 Pounds.

STORM KING BOOTS

No. 20.

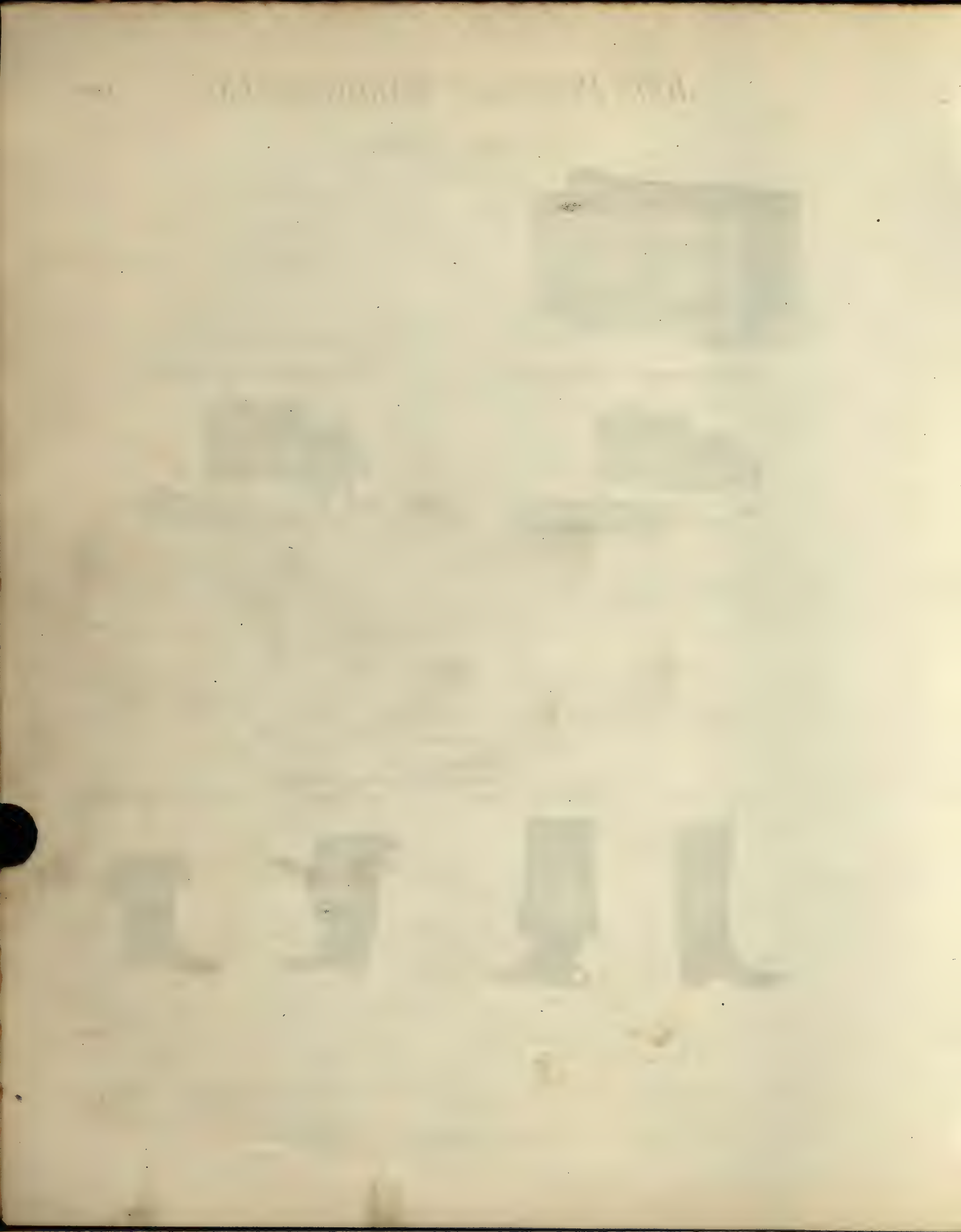
Per Pair

No. 20—Net Lining, Height from Bottom of Heel to Top of Back Seam About 27 in. $10.25

Size: 6, 7, 8, 9, 10, 11.

Weight Per Pair About 6 Pounds.

When Ordering, Always Mention Sizes Wanted. Prices Subject to Change without Notice.



DEPARTMENT No. 9A

AUTOMOBILE SUPPLIES
AND
ACCESSORIES

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 9A

AUTOMOBILE SUPPLIES AND ACCESSORIES

Tires
Inner Tubes
Patches
Lamps
Ford Specialties
Gloves

Goggles
Bumpers, Tools
Dry Batteries
Storage Batteries
Flash Lights
Robes

Automobile Springs
Shock Absorbers
Fire Extinguishers
Master Vibrators
Spark Plugs

Brake Lining
Tire Chains
Gasoline
Oil
Carburetors

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

INDEX.

A

PAGE

Absorbers—Shock 1930A
Accelerators—Foot 1934
Acetylene Lamp Burners.....1927A
Adjusters—Tire Chain 1901
Air Chucks—Pump 1903
Alcohol—Denatured 1915
Aluminum Paint 1916
Ammeters—
  Pocket 1925
  Volt 1925
Anti-Rattlers—
  Brake Rod 1936
  Steering Rod 1936
  Torsion Rod 1936
Assortments—
  Carriage Heater 1942
  Liquid Veneer 1917
  Spark Plug 1921
Automatic Pocket Borers..... 1905
Automobile Axes 1904B
Automobile Bumpers 1930B, 1931
Automobile Clocks 1938
Automobile Door Checks..... 1937
Automobile Funnels 1913
Automobile Fuses 1925
Automobile Gasoline Cans..... 1913
Automobile Gloves 1939
Automobile Goggles 1939
Automobile Heater Coal 1942
Automobile Heaters 1942
Automobile Horns 1921B
Automobile Inner Tubes 1894
Automobile Jacks 1904, 1904A
Automobile Kits 1907
Automobile Lamps 1922
Automobile Lap Dusters 1941
Automobile Measures 1913
Automobile Oil 1914
Automobile Robes 1940, 1941
Automobile Screw Plates 1908
Automobile Shawls 1940
Automobile Spades 1904B
Automobile Spring Clips 1931
Automobile Springs 1932, 1933
Automobile Tire Chains 1901
Automobile Tire Reliners 1895
Automobile Tires 1893, 1894
Automobile Top Dressing 1916
Automobile Wrenches...1906 to 1906B
Autowlock—Powersteel 1900
Axes—Automobile 1904B

B

Ball Races 1935B
Ball Retainers 1935B
Bands—Transmission 1934
Battery Connectors 1926
Battery Syringe Hydrometers...1927A
Battery Testers 1925
Batteries—
  Dry 1926, 1927
  Flashlight .....1924 to 1924B
  Storage 1927A
Bearing Scraper Sets—Curved...1906B

B

PAGE

Belt Fasteners 1935A
Belt Guides—Fan 1935A
Belting—Fan 1935A
Belts—Fan 1935A
Blades—Hack Saw 1905
Blow-Out Patches 1895, 1896
Bolt Cutters 1909
Bolts—Spindle 1935B
Borers—Automatic Pocket 1905
Bottles—Vacuum 1943
Brackets—
  Fire Extinguisher 1927B
  License 1936
  Wind Shield 1933B
Brake Compound 1917
Brake Lining 1930, 1934
Brake Rod Anti-Rattlers..... 1936
Brake Shoes—Hub 1934
Breast Drills 1905
Breather and Oil Fillers..... 1935
Bulb Testers 1925
Bulbs—
  Flashlight .....1924 to 1924B
  Mazda Electric 1923
Bumpers—Automobile ...1930B, 1931
Burners—Acetylene Lamp.....1927A
Bushings—Ford 1935B

C

Calcium Carbide 1927B
Can Holders—Oil 1910
Cans—
  Automobile Gasoline 1913
  Gasoline 1912
  Oil 1912
  Wood Jacket 1913
Cap Screws 1910
Caps—
  Ford Hub 1935
  Ford Radiator 1935B
Carafes—Vacuum 1943
Carbide—Calcium 1927B
Carburetor Parts 1929
Carburetor Stoves 1930
Carburetors 1928, 1929
Carriage Heater Coal..... 1942
Carriage Heaters 1942
Cases—Inner Tube 1900
Cases—Vacuum Bottle 1943
Castellated Nuts 1910
Chain Adjusters—Tire 1901
Chain Pliers—Tire 1901
Chain Tire Grips 1901
Chains—
  Tire 1901
  Tire Cross 1901
Chairs—Folding 1937
Chamois Skins 1917
Checks—Automobile Door 1937
Chisels—Cold 1905
Chucks—Pump, Air 1903
Clamps—Radiator Hose 1935A
Clips—Automobile Spring 1931
Clocks—Automobile 1938

C

PAGE

Clutch Compound 1917
Coal—
  Automobile Heater 1942
  Carriage Heater 1942
Coating—Graphite 1916
Cocks—Pet 1903
Cold Chisels 1905
Combination Pliers 1904B
Combination Vises 1909
Compound—
  Brake 1917
  Clutch 1917
  Valve Grinding 1917
Connection Rubbers—Pump 1903
Connections—Pump 1903
Connectors—Battery 1926
Cones 1935B
Cores—Spark Plug 1920, 1921
Cotter Pin Tools..... 1909
Cotters—Spring 1909
Cotton Waste 1917
Couplings—Pump Hose 1903
Covers—
  Ford Hood 1900
  Ford Radiator 1935A
  Ford Seat 1900
  Tire 1900
Crank Case Oil Gauge—Ford.... 1935
Cross Chains—Tire 1901
Cup Grease 1915
Cups—
  Foot Spring Oil..... 1935
  Grease 1918
  Priming 1903
Curved Bearing Scraper Sets....1906B
Cut-Out Outfits 1934
Cutters—Bolt 1909

D

Decarbonizer—Radium 1917
Deflectors—Exhaust 1934
Denatured Alcohol 1915
Dimmers—Glare 1939
Door Checks—Automobile..... 1937
Dressing—Automobile Top..... 1916
Drills—Breast 1905
Drivers—Screw 1905
Dry Batteries 1926, 1927
Dusters—Automobile Lap 1941

E

Electric Bulbs—Mazda 1923
Electric Flashlights....1924 to 1924B
Electric Hand Lamps.....1924B
Electric Harness and Switch.... 1922
Electrifiers 1922
Enamel—Engine 1916
Engine Enamel 1916
Exhaust Deflectors 1934
Extinguisher Brackets—Fire ...1927B
Extinguisher Liquid—Fire 1927B
Extinguishers—Fire 1927B

F

PAGE

Fabric Tire Patches 1897
Fan Belt Guides 1935A
Fan Belting 1935A
Fan Belts 1935A
Fasteners—Belt 1935A
Felt Gaskets 1935B
Felt Washers 1935B
Field Tanks 1911
Files—Magneto 1905
Fillers—Breather and Oil 1935
Finders—Trouble 1922
Fire Extinguisher Brackets 1927B
Fire Extinguisher Liquid 1927B
Fire Extinguishers 1927B
Flashlight Batteries 1924B
Flashlight Bulbs ..... 1924 to 1924B
Flashlights ..... 1924 to 1924B
Fluid—Neverleak Tire 1897
Folding Chairs 1937
Foot Accelerators 1934
Ford Bushings 1935B
Ford Crank Case Oil Gauge 1935
Ford Hood Covers 1900
Ford Hub Caps 1935
Ford Mufflers 1934
Ford Radiator Caps 1935A
Ford Radiator Covers 1900
Ford Radius Rods 1935A
Ford Seat Covers 1900
Ford Specialties ..... 1933A to 1936
Ford Speedometers 1938
Ford Spindle Bolts 1935B
Ford Spring Hangers 1934
Ford Spring Oil Cup 1935
Ford Valve Springs 1935A
Ford Valves 1934
Ford Wrenches 1935B
Frames—Hack Saw 1905
Funnels—
  Automobile 1913
  Tin 1912
Fur Robes 1941
Fuses—Automobile 1925

G

Gaskets—Felt 1935B
Gasoline 1915
Gasoline Cans 1912, 1913
Gasoline Gauges 1933B
Gasoline Tanks 1911
Gauges—
  Ford Crank Case Oil 1935
  Gasoline 1933B
  Tire Pressure 1902
Glare Dimmers 1939
Gloves—Automobile 1939
Goggles—Automobile 1939
Graphite Coating 1916
Grease—
  Cup 1915
  Transmission 1915
Grease Cups 1918
Grease Guns 1918
Grinding Compound—Valve 1917
Grips—Tire Chain 1901
Guides—Fan Belt 1935A

G

PAGE

Gum—Repair 1898
Guns—
  Grease 1918
  Oil 1918

H

Hack Saw Blades 1905
Hack Saw Frames 1905
Hammer Punches—Revolving 1905
Hammers—Machinists' 1904B
Hand Lamps—Electric 1924B
Hangers—Ford Spring 1934
Harness and Switch—Electric 1922
Harness—Ignition 1935
Heater Coal—Auto and Carriage. 1942
Heaters—
  Automobile 1942
  Carriage 1942
Hexagon Nuts 1910
Holders—
  Oil Can 1910
  Tire 1936
Hood Covers—Ford 1900
Horns—Automobile 1921B
Hose Clamps—Radiator 1935A
Hose Couplings—Pump 1903
Hose—Radiator 1935A
Hub Brake Shoes 1934
Hub Caps—Ford 1935
Hydrometers—Battery Syringe .. 1927A

I

Ignition Harness 1935
Inner Tube Cases 1900
Inner Tube Patches 1896
Inner Tubes—Automobile 1894
Insulated Wire 1925

J

Jacks—
  Automobile 1904, 1904A
  Tire Saving 1904

K

Kerosene 1915
Kits—Automobile 1907

L

Lamp Burners—Acetylene 1927A
Lamps—
  Automobile 1922
  Electric Hand 1924B
License Brackets 1936
Lifters—Valve 1935A
Lining—Brake 1930, 1934
Linseed Oil Soap 1915
Liquid—Fire Extinguisher 1927B
Liquid Veneer 1917
Lock Switches 1933A
Lock Washers 1909
Locks—Powersteel Auto 1900
Lubricating Oil 1914

M

PAGE

Machinists' Hammers 1904B
Magneto Files 1905
Master Vibrators 1933A
Mazda Electric Bulbs 1923
Measures—
  Automobile 1913
  Utility 1912
Metal Polish 1916
Mirrors 1937
Mufflers—Ford 1934

N

Neverleak Tire Fluid 1897
Nut Wrenches 1906A
Nuts—
  Castellated 1910
  Hexagon 1910

O

Oil—
  Automobile 1914
  Lubricating 1914
Oil Can Holders 1910
Oil Cans 1912
Oil Cups—Ford Spring 1935
Oil Fillers 1935
Oil Gauges—Ford Crank Case ... 1935
Oil Guns 1918
Oil Pumps 1913
Oil Soap—Linseed 1915
Oil Tanks 1911
Oilers 1910
Outfits—Cut-Out 1934

P

Padlocks 1900
Packing—Sheet 1930
Paint—
  Aluminum 1916
  Engine 1916
Patches—
  Blow-Out 1895, 1896
  Inner Tube 1896, 1897
Patching Rubber 1897
Pet Cocks 1903
Pin Tools—Cotter 1909
Pins—Taper 1909
Piston Rings 1930
Plates—Automobile Screw 1908
Pliers—
  Combination 1904B
  Tire Chain 1901
Plug Cores—Spark 1920, 1921
Plug Wrenches—Spark 1921A
Plugs—Spark ..... 1919 to 1921A
Plush Robes 1940
Pocket Ammeters 1925
Pocket Borers—Automatic 1905
Polish—Metal 1916
Prepared Wax 1917
Pressure Gauges—Tire 1902
Priming Cups 1903
Pullers—Wheel 1935
Pump Connection Rubbers 1903
Pump Connections 1903

P

PAGE

Pump Hose Air Chucks 1903
Pump Hose Couplings 1903
Pumps—
Oil 1913
Tire 1902
Punches—Revolving Hammer ... 1905
Pyralin Transparent Sheeting 1901

R

Races—Ball 1935B
Radiator Caps—Ford 1935A
Radiator Covers—Ford 1900
Radiator Hose 1935A
Radiator Hose Clamps 1935A
Radium Decarbonizer 1917
Radius Rods—Ford 1935A
Rails—Robe 1937
Ratchet Wrenches 1906A
Reliners—Automobile Tire 1895
Repair-Em 1897
Repair Gum 1898
Retainers—Ball 1935B
Revolving Hammer Punches..... 1905
Rings—Piston 1930
Robe Rails 1937
Rubbers—Pump Connection 1903
Robes—Automobile 1940, 1941
Rods—Ford Radius 1935A
Ropes—Tow 1904B
Rubber—Patching 1897

S

Saw Blades—Hack 1905
Saw Frames—Hack 1905
Scraper Sets—Curved Bearing...1906B
Screw Drivers 1905
Screw Plates—Automobile 1908
Screws—
Cap 1910
Set 1910
Seat Covers—Ford 1900
Seats—Automobile Third 1937
Se-ment-ol 1897
Set Screws 1910
Sets—
Auto Wrench 1906B
Curved Bearing Scraper..1906B
Socket Wrench 1906A
Utility Tool 1906B
Shawls—Automobile 1940
Sheet Packing 1930
Sheeting—Pyralin Transparent... 1901
Shellac 1916
Shock Absorbers 1930A
Shoes—Hub Brake 1934
Skins—Chamois 1917

S

PAGE

Soap—Linseed Oil 1915
Soapstone 1897
Socket Wrench Sets.....1906A
Spades—Auto 1904B
Spark Plug Assortments..... 1921
Spark Plug Cores..... 1920
Spark Plug Wrenches.....1921A
Spark Plugs .....1919 to 1921A
Speedometers—Ford 1938
Specialties—For Ford Cars.1933A 1936
Spindle Bolts 1935B
Sponges 1917
Spring Clips—Automobile 1931
Spring Cotters 1909
Spring Hangers—Ford 1934
Spring Oil Cups—Ford 1935
Springs—
Automobile 1932, 1933
Ford Valve 1935A
Stabilizers—Ford 1930A
Steering Rod Anti-Rattler..... 1936
Storage Batteries 1927A
Storage Tanks 1911
Stoves—Carburetor 1930
Switches—
Electric Harness and.... 1922
Lock 1933A
Syringe Hydrometers—Battery...1927A

T

Tanks—
Field 1911
Gasoline 1911
Oil 1911
Storage 1911
Tap Wrenches 1906B
Tape—Tire 1897
Taper Pins 1909
Testers—Battery and Bulb..... 1925
Third Seats—Automobile 1937
Timers 1933B
Tire Chain Adjusters 1901
Tire Chain Pliers 1901
Tire Chains 1901
Tire Covers 1900
Tire Cross Chains 1901
Tire-doh 1897
Tire Fluid—Neverleak 1897
Tire Grips—Chain 1901
Tire Holders 1936
Tire-new 1897
Tire Reliners—Automobile 1895
Tire Patches .....1895 to 1897
Tire Pressure Gauges 1902
Tire Pumps 1902
Tire Tape 1897
Tire Tools 1895
Tire Saving Jacks 1904
Tires—Automobile 1893, 1894

T

PAGE

Tool Sets—Utility 1906B
Tools—
Cotter Pin 1909
Tire 1895
Top Dressing—Automobile 1916
Torsion Rod Anti-Rattlers..... 1936
Tow Ropes 1904B
Transmission Bands 1934
Transmission Grease 1915
Transparent Sheeting—Pyralin .. 1901
Trouble Finders 1922
Tube Cases—Inner 1900
Tube Patches—Inner 1896
Tubes—Automobile Inner 1894

U

Utility Measures 1912
Utility Tool Sets.....1906B

V

Vacuum Bottle Cases 1943
Vacuum Bottles 1943
Vacuum Carafes 1943
Valve Grinding Compound..... 1917
Valve Lifters 1935A
Valve Springs—Ford 1935A
Valves—Ford 1934
Veneer—Liquid 1917
Vibrators—Master 1933A
Vises—
Combination 1909
Yankee 1909
Volt Ammeters 1925
Vulcanizers 1898, 1899

W

Washers—
Felt 1935A
Lock 1909
Waste—Cotton 1917
Wax—Prepared 1917
Weed Tire Chains..... 1901
Wheel Pullers 1935
Wind Shield Brackets.....1933B
Wire—Insulated 1925
Wood Jacket Cans..... 1913
Wool Robes—Automobile 1941
Wrench Sets—Socket 1906A
Wrenches—
Auto, in Sets.....1906B
Automobile 1906
Ford 1935B
Nut 1906A
Ratchet 1906A
Socket 1935B
Socket, in Sets.....1906A
Spark Plug 1921A
Tap 1906B

Revere Automobile Tires.

Sectional View Showing "R" Straight Side Tire.

Sectional View Showing "R" Quick Detachable Clincher.

Sectional View Showing Plain Tread Quick Detachable Clincher.

THE "R" NON-SKID TIRE.

The "R" Non-Skid Tire is an exceptional tire and the price is but a slight increase above the cost of the Plain Tread Tire. It is a very fine tire in appearance and is bound to have wearing qualities because of the bulk of real rubber which is in the tread. Note the rib in the center of the tire and the outline of the letters "R" showing the depth of the rubber which forms them and you will appreciate the strength which is built right into that thread. It is an attractive tire to the eye, and efficient Non-Skid, the curves and angles formed by the letters "R" preventing side-slipping and skidding, and, moreover, not only will it give exceptionally good mileage because of the extra rubber in the tread, but also on account of the excellence of the whole tire itself. The fabric, cushion stock, breaker strip and the tread rubber are of the very finest materials obtainable. The process of manufacture is of the very latest, inspected rigidly at every step in its progress through one of the finest tire factories in the world, it is a tire of long endurance and easy riding qualities and gives to the motorist a feeling of security from skidding which no one can afford to be without.

THE REVERE PLAIN TREAD TIRE.

The Revere Plain Tread Tire is just as carefully made as the "R" Tread. A tire of sterling worth, nothing but the finest materials being used in its manufacture, thoroughly guaranteed and sold at a moderate price. There can be no better tire obtained for the price asked for the Revere Plain Tread.

GUARANTEE ON REVERE TIRES.

All Revere Pneumatic Automobile Tires bearing U. S. name and serial number are guaranteed to be free from imperfections in material and workmanship. Tires returned for consideration under this guarantee will be accepted only when all transportation charges are prepaid. If, upon examination, it is our judgment that Tires are defective, they will be repaired or replaced at our option.

When Tires are replaced by us, charges will be made to owners at the time new Tires are delivered, for such amounts as in our judgment will compensate for the service rendered by such replaced Tires.

Tires worn out in usual or unusual service, abused knowingly or unknowingly, misused, injured through accident or design, are not covered by this guarantee.

Revere Pneumatic Automobile Tires are not guaranteed to give any definite miles of service, and any and all guarantees are expressly waived by any purchaser of these Tires who uses them under weights in excess of those for which the various Tires are recommended, or who does not keep Tires inflated to the pressures recommended by us.

INFLATION TABLE.

Following is a table of proper air pressures for different sizes of tires:

3 inch tires	60 pounds.
3½ inch tires	70 pounds.
4 inch tires	80 pounds.
4½ inch tires	90 pounds.
5 inch tires	100 pounds.
5½ inch tires	110 pounds.
6 inch tires	120 pounds.

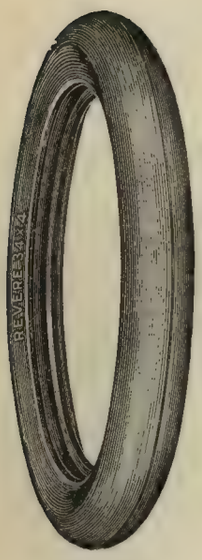
A simple way to remember these pressures is this: Twenty pounds of pressure to an inch of tire.

WEIGHT SCHEDULE.

The following table will act as a guide to the proper size of tire which should be equipped to your machine, cars to be weighed without passengers or luggage.

	Rear Weight per Wheel	Front Weight per Wheel
28x3	350 lbs.	425 lbs.
30x3	375 lbs.	450 lbs.
30x3½	450 lbs.	550 lbs.
31x3½	475 lbs.	575 lbs.
32x3½	500 lbs.	600 lbs.
34x3½	550 lbs.	650 lbs.
31x4	635 lbs.	775 lbs.
32x4	650 lbs.	800 lbs.
33x4	675 lbs.	850 lbs.
34x4	700 lbs.	875 lbs.
35x4	735 lbs.	885 lbs.
36x4	750 lbs.	900 lbs.
34x4½	900 lbs.	1125 lbs.
35x4½	935 lbs.	1175 lbs.
36x4½	975 lbs.	1225 lbs.
37x4½	1010 lbs.	1260 lbs.
35x5	1000 lbs.	1250 lbs.
36x5	1050 lbs.	1300 lbs.
37x5	1100 lbs.	1350 lbs.

Revere Automobile Tires



Cut Shows Plain Tread.

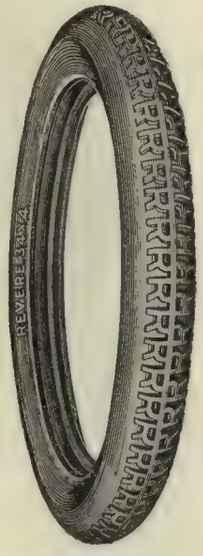
CASINGS ONLY

Straight Side, Plain Tread.

Size, Inches	32x3½	34x3½	32x4	33x4	34x4
Each	$14.70	16.40	20.10	20.95	21.35
Size, Inches		35x4	36x4	34x4½	35x4½
Each		$22.20	22.55	28.60	29.70
Size, Inches		36x4½	37x4½	35x5	37x5
Each		$30.10	31.20	33.85	35.55

Straight Side, "R" Non-Skid Tread.

Size, Inches	32x3½	34x3½	32x4	33x4	34x4
Each	$15.40	17.20	21.05	22.00	22.40
Size, Inches		35x4	36x4	34x4½	35x4½
Each		$23.30	23.70	30.05	31.20
Size, Inches		36x4½	37x4½	35x5	37x5
Each		$31.55	32.75	35.55	37.30



Cut Shows "R" Non-Skid Tread.

Quick Detachable Clincher, Plain Tread.

Size, Inches	28x3	30x3	30x3½	31x3½	32x3½	34x3½	31x4	32x4	33x4	34x4
Each	$9.35	9.90	12.75	13.35	14.70	16.40	19.75	20.10	20.95	21.35
Size, Inches		35x4	36x4	34x4½	35x4½	36x4½	37x4½	35x5	36x5	37x5
Each		$22.20	22.55	28.60	29.70	30.10	31.20	33.85	34.25	35.55

Quick Detachable Clincher, "R" Non-Skid Tread.

Size, Inches	28x3	30x3	30x3½	31x3½	32x3½	34x3½	31x4	32x4	33x4	34x4
Each	$9.85	10.40	13.40	14.05	15.40	17.20	20.75	21.05	22.00	22.40
Size, Inches		35x4	36x4	34x4½	35x4½	36x4½	37x4½	35x5	36x5	37x5
Each		$23.30	23.70	30.05	31.20	31.55	32.75	35.55	35.95	37.30

Automobile Inner Tubes

REVERE

Cut Shows Grey Tube.

Cut Shows Red Tube.

Much of the endurance virtues of a tire depends upon the construction of the tube. Revere Tubes are of a light, buoyant, resilient rubber of great strength and are carefully manufactured. They do not lose any of their elasticity with age and the length of service obtained from them is remarkable. Like Revere Tires their quality is unsurpassed.

Revere Grey Rubber Inner Tubes.

Size, Inches	28x3	30x3	30x3½	31x3½	32x3½	34x3½	31x4	32x4	33x4	34x4
Each	$2.50	2.60	2.95	3.00	3.10	3.25	4.05	4.20	4.30	4.40
Size, Inches	35x4	36x4	33x4½	34x4½	35x4½	36x4½	37x4½	35x5	36x5	37x5
Each	$4.50	4.60	5.45	5.50	5.60	5.70	5.85	6.70	6.80	6.95

Revere Red Rubber Inner Tubes.

Size, Inches	28x3	30x3	30x3½	31x3½	32x3½	34x3½	31x4	32x4	33x4	34x4
Each	$3.00	3.10	3.85	3.95	4.05	4.40	4.95	5.00	5.10	5.20
Size, Inches	35x4	36x4	33x4½	34x4½	35x4½	36x4½	37x4½	35x5	36x5	37x5
Each	$5.40	5.50	6.65	6.70	6.80	6.95	7.05	8.00	8.20	8.35

Revere Red Rubber Inner Tubes are made of Best Quality Pure Para Rubber and are Superior to Grey Tubes.

Tire Tools.

Best Grade Malleable Iron, Velvet Aluminum Finish.

Per Dozen
No. 1—16 in. Long.....$3.55

Per Dozen
No. 2—12 in. Long.....$2.30

Per Dozen
No. 3—11 in. Long.....$2.75

Per Dozen
No. 4—7½ in. Long.....$1.30

Per Dozen
No. 5—12 in. Long.....$5.00

Per Dozen
No. 6—11½ in. Long.....$2.30

Automobile Tire Reliners.

White Duck Lining.

Made of High Grade Fabric and a Special Friction, Extra Coating of Cement on Outside when Dampened with Gasoline Makes Them Adhere to Casing, Coated with Special Quality Red Cement.

Nos.	V1	V2	V3	V4	V5
Size, Inches	32x3	34x3	30x3½	32x3½	33x4
No. of Ply	3	3	3	3	4
Weight Each About, Lbs.	3	3¼	3¼	3½	4
Each	$3.75	3.75	4.10	4.10	5.45

Nos.	V6	V7	V8	V9	V10
Size, Inches	34x4	36x4	34x4½	36x4½	37x5
No. of Ply	4	4	4	4	4
Weight Each About, Lbs.	4¼	4½	4½	4¾	5½
Each	$5.45	5.75	6.10	6.10	6.70

One in a Box.

White Duck Lining.

Made of Good Grade Fabric, Extra Coating of Red Cement on Outside when Dampened with Gasoline Makes Them Adhere to Casing.

Nos.	M11	M12	M13	M14	M15	M16	M17
Size, Inches	30x3	30x3½	34x3½	34x4	36x4	36x4½	37x5
Weight Each About, Lbs.	2	2½	3½	4	4½	4¾	5½
Each	$2.60	3.20	3.25	4.25	4.40	5.00	6.10

One in a Box.

Blow-Out Patches.

INSIDE

Continental-Erie.

High Quality, Strong Friction Fabric, Fits Any Tire, Flaps on Side are Held Between Beads of Casing and Rim to Prevent Creeping.

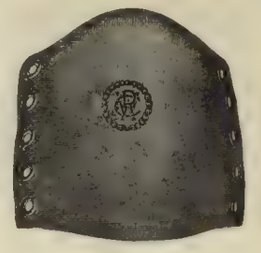
Nos.	33	23	44	55
For Tires, Inches	2½–3	3–3½	3½–4	4½–5
No. of Ply	4	5	6	7
Wt. Each About, Oz.	6	8	12	18
Each	$0.45	.55	.65	.90

Strong Friction Fabric, Same Construction as Above, but Lighter Material.

Nos.	M25	M26	M27	M28	M29
For Tires, Inches	3	3½	4	4½	5
Wt. Each About, Oz.	6	7	8	10	13
Each	$0.45	.45	.55	.55	.65

One in a Box.

OUTSIDE



Continental-Erie.

Tough Tread, Strong Fabric, Reinforced Eyelets, Used on Outside of Automobile Casings in Weak Places or where a Blowout has Occurred, with Rawhide Lace.

Nos.	5	10	15
For Tires, Inches	2½–3	3½–4	4½–5
Weight Each About, Oz.	13	18	25
Each	$1.30	1.55	1.90

One in a Box.

Blow-Out Patches.

OUTSIDE HOOK-ON

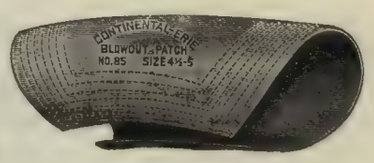
Continental-Erie.

Heavy Rubber Fabric, Stamped Steel Hooks, Securely Riveted. To be Hooked to Rim on Outside of Casing in Weak Spots or where a Blow-Out has occurred.

Nos.	160	170	180	190	210
For Tires, Inches	3	3½	4	4½	5
Wt. Each About, Oz	10	12	14	16	19
Each	$1.00	1.20	1.30	1.55	1.85

One in a Box.

INSIDE



Continental-Erie.

Strong Rubber Fabric. To be Used on Inside of Casing.

Nos.	36	*37	38	39
For Tires, Inches	2½–3	3–3½	3½–4	4½–5
Weight Each About, Oz	3	4	5	7
Each	$0.45	.55	.65	.75

*Note—No. 37 is for use on Ford Tires.

Six in a Box.

INSIDE

Vulcanized Canvas Fabric.

Nos.	200	300	400
For Tires, Inches	2½–3	3½–4	4½–5
Weight Each About, Oz	1½	2	3
Each	$0.30	.45	.55

Six in a Box.

EMERGENCY

Heavy Canvas Fabric.

	Each
No. 88—5¼x9 in., Adhesive Rubber Cement Coated on One Side, Weight Each About 4 Oz	$0.35

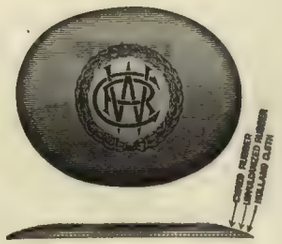
One in an Oiled Paper Envelope

Inner Tube Patches.

AUTOMOBILE

Continental Grade, Thin.

	Per Assortment
No. 3 Assortment—Contains Two 3¾x2⅜ in., Two 2¾x2¼ in., Four 5½x2½ in., One 1¾ in. Round and One 5½x2½ in. Thin Rubber Automobile Inner Tube Patches, Each Assortment of 10 Patches as Specified Above in Box	$0.65



Continental-Erie Ready-To-Use.

	Per Assortment
No. 5 Assortment—Contains One 3¾x2⅜ in., One 2¾x2¼ in., Three 2⅛x1⅞ in., and Three 1½ in. Round, Ready-To-Use Rubber Automobile Inner Tube Patches. Each Assortment of 8 Patches as Specified Above in a Box	$0.55

Red Reliable Cementless.

	Per Assortment
No. 150 Assortment—Contains Four 1½ in. Round, Four 2x1⅞ in., and Two 2⅜ in. Round Red Reliable Cementless Automobile Inner Tube Patches, Each Assortment of 10 Patches in a Box	$0.35

"Repair-em"

In 2 Ounce Cans.
For Cuts and Punctures in Automobile Casings and Inner Tubes.

Per Dozen

Repair-Em—A Plastic Rubber Compound which is Self-Curing and Permanently Repairs Cuts and Punctures in Casings and Tubes.....**$3.90**

Weight Per Dozen About 1¾ Pounds.

One Dozen in a Box.

"Tire-doh"

Repairs Pin Point Punctures or Long Tears in Inner Tubes.

Also Used to Fill Cuts and Holes in Casings Before They Develop into Sand Blisters. Requires no Heat or Tools.

Each

Large Size Outfit—Contains Large Can Tire-Doh and Can of Tire-Doh Cement **$1.45**
Junior Size Outfit—Contains Small Can Tire-Doh and Can of Tire-Doh Cement ..... **.70**
Tire-Doh Only—In 2 Oz. Cans... **.70**
Tire-Doh Cement Only—In 4 Oz. Cans ..... **.35**

"Tire-new"

J. M.

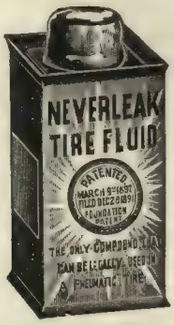
A Compound of Pure Para Rubber in Liquid Form.

Painted on the Tread it Penetrates Cuts and Crevices, Waterproofing the Fabric at the Base. Gives a Fresh, New Look to Tires.

Per Can

J. M. Tirenew—In 12 Oz. Cans, Enough for 5 Tires.....**$0.65**
J. M. Tirenew—In 1 Qt. Cans... **1.55**

Neverleak Tire Fluid



For Injecting Into Pneumatic Tires Making Same Leak Proof.

Each

No. 102—1 Gallon Cans.....**$5.60**
Weight Each About 11½ Pounds.

Soapstone

Per Dozen

Soapstone—In 1 Lb. Paper Boxes, with Sifter Top **$1.56**

Used to prevent Inner Tubes from sticking to the inside of Outer Casing.
Weight Per Dozen About 12½ Pounds.

Se-ment-ol

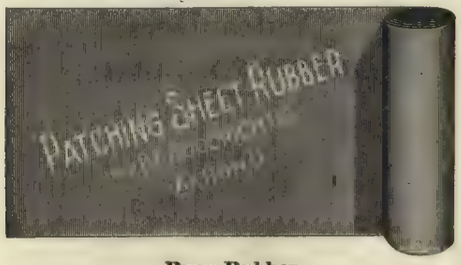
A Self-Acting Radiator Cement.

It finds the leak and fixes it. Take off Radiator Cap and pour in Se-Ment-Ol, run the engine fifteen minutes, then drain radiator and fill with clear water.

Per Can

Se-Ment-Ol—In 7 Oz. Screp Top Tin Cans.....**$0.90**

Patching Rubber



Pure Rubber.

Per Pound

Goodrich—2½ in. Wide, in ½ Pound Rolls.....**$6.75**
Goodrich—2½ in. Wide, in ¼ Pound Rolls..... **6.75**
Especially Adapted for Tire Repair Work.

Tire Tape

Black.

Per Pound

No. 0—In 2 Oz. Rolls **$0.56**
No. 1—In 1 Oz. Rolls, Sixteen 1 Oz. Rolls in a Carton. **.56**
No. 4—In ½ Lb. Rolls ..... **.65**
No. 3—1½ in. Wide, in 1 Lb. Rolls, for Automobile Tires ..... **.78**

BEFORE

Fabric Tire Patches

EVERLOC

Made of U. S. Khaki, with Pure Para Rubber Coating.

Per Dozen

No. 1—108 sq. in. of Patches, with One Tube of Cement.....**$21.80**
No. 2— 63 sq. in. of Patches, with One Tube of Cement..... **14.66**
No. 3— 30 sq. in. of Patches, with One Tube of Cement..... **8.90**

One in Round Paper Carton.

AFTER

Vulcanizers.

ADAMSON

Automobile Tubes.

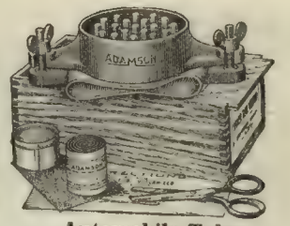
Ford Special, Especially Adapted to Motorcycle, Bicycle, Ford and Cyclecar Tubes.

Each

Model "M"—Outfit Consists of Cast Iron Vulcanizer in Two Parts (Base and Upper Gasoline Receptacle), Black Japanned, Small Pair of Shears, 1 Oz. Can for Gasoline, Garnet Paper and Patching Rubber. **$2.20**

Weight Each About 2 Pounds.

One in a Cardboard Box, Complete with Directions for Operating.



Automobile Tubes.

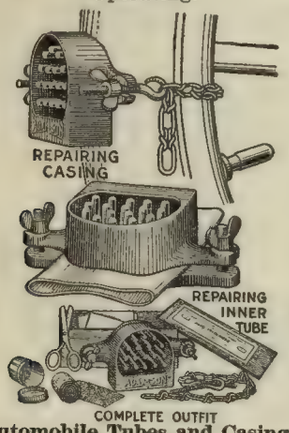
Adapted to Automobile Inner Tubes.

Each

Model "T"—Outfit Consists of Cast Iron Vulcanizer in Two Parts (Base and Upper Gasoline Receptacle), Nickel Plated, Highly Polished, Small Pair of Shears, 1 Oz. Can for Gasoline, Garnet Paper and Patching Rubber **$3.00**

Weight Each About 4 Pounds.

One in a Wood Box, Complete with Directions for Operating.



Automobile Tubes and Casings.

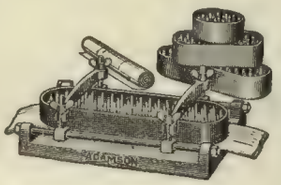
The Tire is Repaired without Deflating it or Removing it from Car.

Each

Model "U"—Outfit Consists of Cast Iron Vulcanizer in Two Parts (Base and Upper Gasoline Receptacle), Black Japanned, Chain for Holding Vulcanizer Against Casing, Small Pair of Shears, 1 Oz. Can for Gasoline, Garnet Paper and Patching Rubber. **$4.45**

Weight Each About 4 Pounds.

One in a Wood Box, Complete with Directions for Operating.



Automobile Tubes.

For Private Garages and Repair Shops, Will Repair a Cut 12 in. Long.

Each

Model "S"—Outfit Consists of Cast Iron Vulcanizers in Two Parts (Base and Four Sizes of Upper Gasoline Receptacles), Black Japanned, Bottom Faces of Cups are Polished and Slightly Concave, Small Pair of Shears, Garnet Paper and ½ Lb. of Repair Rubber..... **$17.75**

Weight Each About 30 Pounds.

One in a Wood Box, Complete with Directions for Operating.

Repair Gum.

ADAMSON

For Use with Adamson or Other Vulcanizers.

A High Grade Repair Stock for Use in Repairing Automobile Tubes and Casings, Gives Perfect Adhesion without Use of Cement.

	Per Dozen
No. 55—Repair Kit Rolls	**$ 3.00**
No. 56—¼ Lb. Rolls	**8.90**
No. 59—½ Lb. Rolls	**17.75**

Vulcanizers.

RADIO PORTABLE

Automobile Tubes or Casings.

With Detachable Wire Handle, Clamp and Chains for Fastening, for Use with Gasoline or Alcohol.

Each

Radio Portable—Outfit Consists of 5¾x4 in. Cast Iron Vulcanizer, Clamp with Screw for Adjusting Pressure, Burner, Repair Gum, Cement, Paraffine Paper and Sand Paper, Vulcanizer has One Flat Highly Polished and Plated Surface for Tubes and One Concave Surface for Casings, Burner is Lined with Asbestos Covered with Wire Meshing and Can be Entirely Removed for Filling..... **$3.65**

Weight Each About 7 Pounds.

One in a Box, Complete with Directions for Operating.

Vulcanizers.

RADIUM STEAM

FOR TUBES.

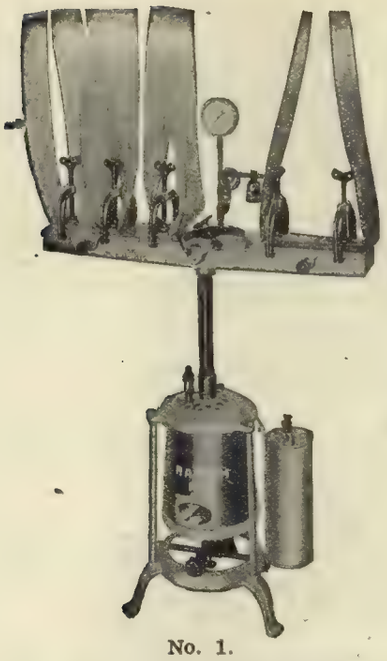
Equipped with Either Gas, Gasoline or Kerosene Burner.

Each

No. 1—Cast Iron Base and Top Connected by Piping, 32x5 in. High Grade Gray Iron Mold, Polished Vulcanizing Surfaces, Six Interchangeable Clamps, 4 in. 100 Lb. Steam Gauge and Safety Valve, Pump and One Gallon Gasoline Tank. **$55.50**

Can be operated for about 10 hours on one gallon of gasoline. Steam connection of Mold is 1 in. Standard Pipe Thread and Mold can be quickly detached from Stand Pipe.

Weight Each About 100 Pounds.



No. 1.

Cut Shows Pressure Feed Gasoline Burner and Gasoline Tank.

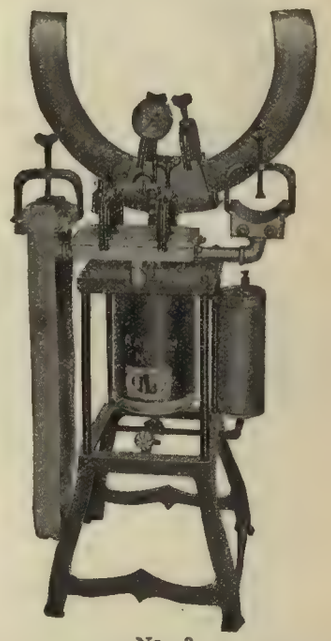
For Tubes and Casings.

Equipped with Either Gas or Gasoline Burner.

Each

No. 3—Cast Iron Base and Top Connected by Piping and Steel Rods, High Grade Gray Iron Molds with Polished Vulcanizing Faces, Equipped with the Following Molds: One 10 in. Sectional for 3½ to 4½ in. Casings, One 6 in. Concave Mold for Repairing Cuts in Any Casing, Two 10x5 in. Inner Tube Molds, All Molds are Equipped with Interchangeable Clamps, No. 3 Vulcanizer is Equipped with Steam Gauge, Safety Valve, Pump and One Gallon Gasoline Tank **$89.00**

Weight Each About 150 Pounds.



No. 3.

Cut Shows Pressure Feed Gasoline Burner and Gasoline Tank.

FOR TUBES AND CASINGS.

Equipped with Gas or Gasoline Burners.

Each

No. 4—Cast Iron Base and Top Connected by Piping and Steel Rods, High Grade Gray Iron Molds with Polished Vulcanizing Faces, Equipped with the Following Molds: One 16 in. Sectional Mold for 4 to 4½ in. Casings, Two 16 in. Inner Tube Molds, One 6 in. Concave Mold for Repairing Small Cuts in Any Casing. All Molds are Equipped with Interchangeable Clamps, No. 4 Vulcanizer is Equipped with Water Gauge and Steam Valve in Circuit Between Each Mold and Boiler so That Molds Not in Actual Use can be Shut Off, Inner Clamps for Sectional Mold, Pump and One Gallon Gasoline Tank. **$122.00**

Weight Each About 180 Pounds.

No. 4.

Cut Shows Pressure Feed Gasoline Burner and Gasoline Tank.

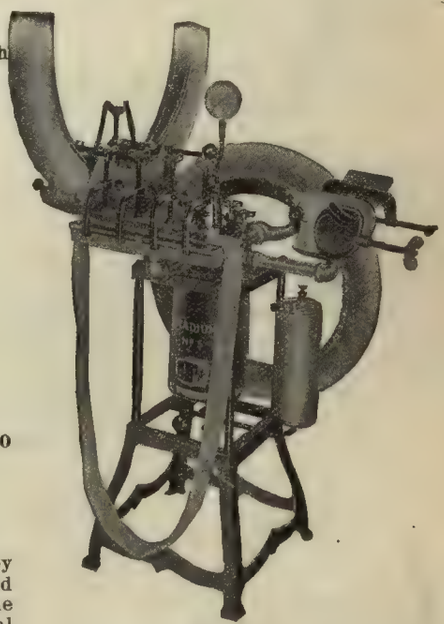
FOR TUBES AND CASINGS.

Equipped with Gas or Gasoline Burners.

No. 5—Cast Iron Base and Top Connected by Piping and Steel Rods, Highly Polished Vulcanizing Faces, Equipped with the Following Molds: One 16 in. Sectional Mold for 4 to 4½ in. Casings, One Set Inner Clamps for 4 to 4½ in. Casings, One Beading Mold with Two Sets of Clamps for 3½ to 4½ in. Casings, One 16 in. Inner Lining Mold for 3½ to 4½ in. Casings, One 16 in. Inner Tube Mold, All Molds Equipped with Interchangeable Clamps, No. 5 Vulcanizer is Equipped with Water Gauge and Steam Valve in Circuit Between Each Mold and Boiler so That Molds Not in Actual Use can be Shut Off, Pump and One Gallon Gasoline Tank..... .....

Each **$165.00**

Weight Each About 250 Pounds.



No. 5.

Cut Shows Pressure Feed Gasoline Burner and Gasoline Tank.

NOTE—Above Descriptions Apply to Vulcanizers Equipped with Gasoline Burners. When Ordering Specify Kind of Burner Desired.

Tire Covers.

GORDON EASY-ON

Good Quality Black Enameled Duck, Absolutely Water and Dust Proof, Double on the Tread. The Only Fastening Necessary is at the Ends which Overlap Six or Eight Inches. This Overlap and Several Buttons Allows of a Considerable Adjustment.

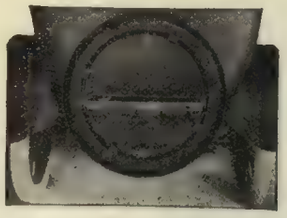
No. 1266—For Tires Only.
No. 1270—For Tires on Demountable Rims.

GORDON SPIRAL SPRING

Good Quality Black Enameled Duck, Absolutely Water and Dust Proof. A Continuous Casing that Slips on Tire, One Side of the Cover and then the Other Side Slips on the Tire and is Held with Spiral Springs. Smooth and Perfect Fitting.

No. 1296—For Tires Only.
No. 1292—For Tires on Demountable Rims.

GORDON SPECIAL



Good Quality Black Enameled Duck, Absolutely Water and Dust Proof, Made to Fit Tires on Demountable Rims Carried on Special Holders, Such as on 1916 Buick, Hupmobile, Chandler, Patterson, Haynes, Maxwell, Chevrolet, Dodge, Briscoe, Paige, Interstate, Etc.

No. 1221—For Tires on Demountable Rims.

GOOD QUALITY BLACK ENAMEL DUCK

Size, Inches	30x3	30x3½	32x3½	33x4	34x4	36x4½	37x5
No. 1266—Each	$2.35	2.45	2.75	2.90	3.00	3.30	3.55
No. 1270—Each	....	....	2.75	2.90	3.00	....	....
No. 1296—Each	2.35	2.45	2.75	2.90	3.00	....	....
No. 1292—Each	....	....	2.75	2.90	3.00	3.30	3.55
No. 1221—Each	....	2.45	2.75	....	3.00	3.30	....

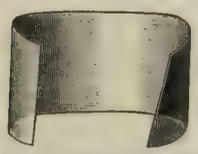
Inner Tube Cases.

Black Enameled Cloth.

Each

No. 5045—For One Tube, Water, Oil and Light Proof, Inside of Case is Soft and Will Not Chafe Tube.....**$0.45**

Pyralin Transparent Sheeting.



Clean, Tough and Clear.

Can be Stitched Easily and Will Withstand All Sorts of Weather. Used for Automobile Tops, Storm Fronts, Side Curtains, Wind Shields, Etc.

Per Sheet

No. 15—20x36 in., Heavy Wt..**$1.10**
No. X20—20x50 in., Heavy Wt.. **2.00**

Ford Seat Covers.

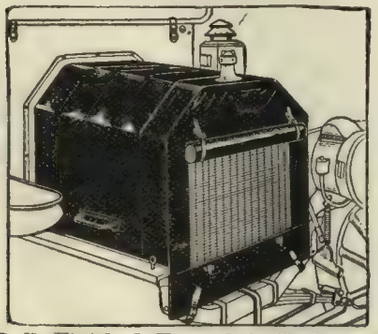
Tan Color, Double Texture, Waterproof Material.

Trimmings are Arm Rests of English Grain Patent Leather Finish, Binding to Match on the Door Pieces Only, Attached with Glove Fasteners, Cleaned with Soap, Water and a Brush. Per Set

For 1915 Ford Touring Car....$14.45
For 1916 Ford Touring Car.... 14.45
For 1915 Ford Runabout..... 8.20
For 1916 Ford Runabout..... 8.20

We can furnish direct from factory, Seat Covers for any car when Name, Model and Year of Car are given.

Ford Radiator and Hood Covers.



Dull Finished Enameled Cloth.

Each

No. 11—Blanket Lined **$3.45**
No. 12—Kersey Lined **3.20**

We can furnish Radiator and Hood Covers for any car when Name, Model and Year of Car are given.

Powersteel Autowlock

Yellow Strand Steel Wire Rope Covered with a Heavy Fabric, Strong Padlock.

Each

No. 100—4 ft. Long, Can Not be Clipped with Ordinary Nippers **$3.20**

Used to Lock Tires to Holders. Also Locks Car by Slipping Through Spokes of Wheel and Spring.

Weight Each About 1 Pound.

Padlocks.

Elongated Steel Shackle.

Per Dozen

No. 534 — 2 in. Pressed Steel Case, 4½ in. from Inside of Case to Inside of Shackle, Hard Steel Self-Locking Spring Shackle, Lever and Tumbler Construction, Two Coined Plate Steel Keys...**$4.75**

Weight Per Dozen About 6 Pounds.

Elongated Nickeled Steel Shackle.

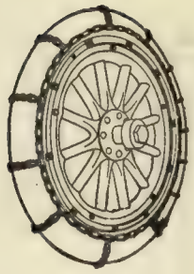
Per Dozen

No. 2091 — Polished Brass Case, 3⅜ in. Long, ⅞ in. Thick, Spring Levers, Brass Slotted Key Cylinder, Two Nickel Plated Steel Corrugated Keys...**$4.75**

Weight Per Dozen About 5½ Pounds.

Chain Tire Grips

WEED



Side Chain Made of Heavy Wire of High Tensile Strength, Heavily Galvanized, Cross Chains Made of Special Stock with Smoothly Welded Links Hardened Under Pyrometer Readings and Heavily Brass Plated, Each Link is Proof Tested and Being Cold-Twisted in Automatic Machines Produces a Chain of Uniform Twist Presenting a Smooth Surface to the Tire and a Broad Wearing Surface to the Road.

Size, Inches	28x2½	30x2½	28x3	30x3	32x3	34x3
App. Weight Per Pair, Lbs.	8¼	9	9	10	10¼	11
Per Pair	$3.50	3.75	4.00	4.50	5.00	5.50

Size, Inches	36x3	28x3½	30x3½	32x3½	34x3½	36x3½
App. Weight Per Pair, Lbs.	14	9¾	11	12	12¼	13
Per Pair	$6.00	4.50	5.00	5.50	6.00	6.50

Size, Inches	30x4	31x4	32x4	33x4	34x4	35x4
App. Weight Per Pair, Lbs.	14	14½	15	15½	16	17½
Per Pair	$5.50	6.00	6.00	6.50	7.00	7.50

Size, Inches	36x4	37x4	40x4	30x4½	32x4½	34x4½	35x4½	36x4½
App. Weight Per Pair, Lbs.	18	20	22	14¼	16½	17	17½	18
Per Pair	$7.50	8.00	10.00	6.50	7.00	7.50	8.00	8.00

Size, Inches	37x4½	38x4½	40x4½	42x4½	34x5	35x5	36x5	37x5
App. Weight Per Pair, Lbs.	20½	22½	23¾	26	19	20¼	22	23¼
Per Pair	$8.75	9.50	11.00	12.50	8.50	9.00	9.00	9.75

Size, Inches	38x5	39x5	40x5	36x5½	37x5½	38x5½	38x6	40x6
App. Weight Per Pair, Lbs.	24	24¾	25¼	23¾	24	25	27	30
Per Pair	$10.50	11.25	12.00	12.00	13.00	14.00	14.00	15.00

One Pair in a Bag.

RID-O-SKID

Same Style as the Weed, Except Cross Chains are Not Plated nor is Side Chain Galvanized, Not Guaranteed.

Size, Inches	28x2½	30x2½	28x3	30x3	32x3	34x3	36x3	28x3½	30x3½	32x3½
App. Weight Per Pair, Lbs.	8¼	9	9	10	10¼	11	14	9¾	11	12
Per Pair	$1.95	2.10	2.40	2.50	2.60	2.75	2.90	2.50	2.65	2.80

Size, Inches	34x3½	36x3½	30x4	31x4	32x4	33x4	34x4	35x4	36x4	37x4
App. Weight Per Pair. Lbs.	12¼	13	14	14¼	15	15½	16	17½	17	20
Per Pair	$2.95	3.10	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50

Size, Inches	40x4	30x4½	32x4½	34x4½	35x4½	36x4½	37x4½	38x4½	40x4½	42x4½
App. Weight Per Pair, Lbs.	21	14½	16½	17	17½	18	20½	22½	23¾	26
Per Pair	$4.00	3.00	3.25	3.40	3.50	3.60	3.75	3.90	4.25	4.50

Size, Inches	34x5	36x5	37x5	38x5	39x5	40x5	36x5½	37x5½	38x5½	38x6	40x6
App. Wt. Per Pair, Lbs.	19	22	23¼	24	24¾	25¼	23¾	24	25	27	30
Per Pair	$4.10	4.50	4.70	4.90	5.10	5.25	5.20	5.40	5.60	6.50	6.75

One Pair in a Bag.

Cross Chains.

WEED

Brass Plated.

Made of Same Material and in Same Manner as Weed Chain.

Size, In.	2½	3	3½	4
Length, In.	6⅛	6⅝	8¼	8⅝
Each	$0.05	.06	.08	.09

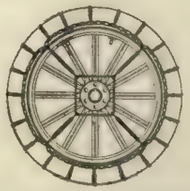
Size, In.	4½	5	5½	6
Length, In.	9¼	10¼	12½	14
Each	$0.10	.12	.15	.18

Average Weight Each ¼ Pound.

Open Stock.

Chain Adjusters.

WEED



12 Gauge Galvanized Wire Chain Center, Japanned Springs.

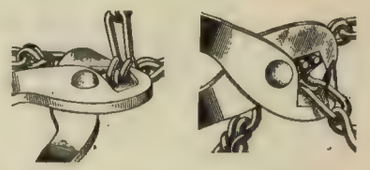
	Per Pair
No. 100—For Wheels 28 to 30 in.	$1.00
No. 200—For Wheels 32 to 34 in.	1.00
No. 300—For Wheels 36 in.	1.00
No. 400—For Wheels 37-38 in.	1.50

Keep Chains from Striking Mud Guards. Eliminate Noise of Chains on Pavements.

Weight Per Pair About 2¼ Pounds.

One Pair in a Box.

Weed Chain Pliers



For Opening and Closing the Circular Hooks on Weed Cross Chains.

	Each
No. 50—Weight Each About 2 Lbs.	$0.46

Open Stock.

Automobile Pumps

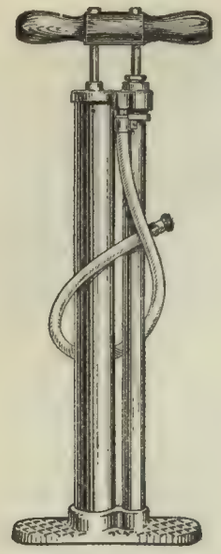
FOOT

Hercules.

Each

No. 1—Triple Compound Auto Pump, Three Seamless Steel Tubes, One 1¾x17 in., One 1¼x17 in. and One ¾x17 in. Bessemer Steel Plunger Rods with "B" Tanned Plunger Leathers, Heavy Iron Green Painted Foot Rest, Fitted with 24 in. Rubber Tubing Connection **$7.80**

Weight Each About 8 Pounds.



Bridgeport.

Each

No. 51—Compound Auto Pump, Two Seamless Brass Tubes, One 1½x15½ in. and One ⅞x15 in., Japanned Iron Foot Rest, Fitted with 20 in. Rubber Tubing Connection.. **$2.80**

Weight Each About 5 Pounds.

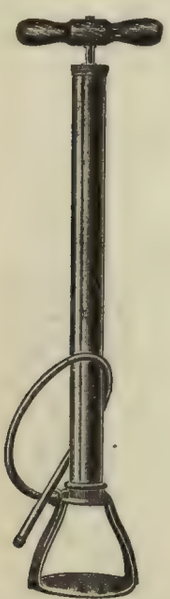
Cyclone.

Each

No. 2—Compound Auto Pump, Two Seamless Brass Tubes, One 1½x17 in. and One ⅞x17 in., Japanned Foot Rest, Fitted with 24 in. Rubber Tubing Connection..... **$3.15**

Weight Each About 3 5/16 Pounds.

FOOT



Tornado Shop.

Each

No. 8—20x1½ in., Nickel Plated Cylinder, Large Cast Iron Base, Fitted with 18 in. Rubber Hose Connection **$1.80**

Weight Each About 1⅞ Pounds.

J. M. ENGINE DRIVEN

Fine Grained Gray Iron Cylinder, Piston and Base.

Machined and Ground, High Grade Steel Connecting Rod, Extra Wide and Strong Bearings, J. M. Asbestos Piston Ring Takes up its Wear Automatically, Complete with Sufficient Lubricating Grease in Crank Case to Last Six Months, with Attaching Bracket and Hose of Proper Length for the Car on which it is to be Used.

Each

J. M.—3¾x3 in., Can be Used on All Reos Excepting Late 1915 Models, Fords, Overlands Models 79, 80 and 81, Buicks Models 24, 25, 36, 37 and 56, Dodge, Chevrolet 1914-1915 Models H2 and H4, 4 Cylinder Studebaker, 6 Cylinder Studebaker, Model K Hupmobile, 1915 Light Six 40 Hudson **$11.10**

Will inflate a 34x4 tire in 2½ minutes. Has automatic pressure relief valve which can be set at any pressure desired and will automatically blow off when this is reached, making overinflation of tire impossible.

Weight Each About 4½ Pounds.

NOTE—When Ordering Specify Make of Car and Model so that we May be Able to Supply You with Proper Bracket.

Tire Pressure Gauges.

SCHRADER UNIVERSAL

Schrader Universal—For Ascertaining the Exact Pressure in Automobile Tires ..... Each **$1.70**

Weight Each About $\frac{3}{16}$ Pound.

TWITCHELL

Pencil Type Gauge.

Twitchell—Positive Lock Stop, for Ascertaining the Exact Pressure in Automobile Tires..... Each **$1.70**

Weight Each About ⅛ Pound.

EDELMANN

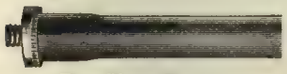
Combination Tire and Pump Gauge.

No. 3A—3¼ in. High, Highly Polished and Nickel Plated, Improved Slip-On Hold-Fast Type Connection ..... Each **$2.10**

Weight Each About ½ Pound.

One in a Box.

Pump Connections.



For Foot Pumps.

No. 8—18 in. Long, for Shop Pump, Fitted with Connections ..... Per Dozen **$3.35**

No. 18—12 in. Long, for Regular Foot Pumps, Fitted with Connections **1.70**

Weight Per Dozen About ¾ Pound.

Pump Connection Rubbers.

To Fit the Various Styles of Instantaneous Pump Connections.

No. 64—Good Quality Rubber... Per 100 **$2.75**

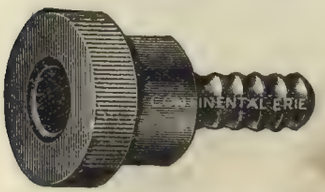
Pump Hose Couplings.

For Foot Pumps.

Keno—Steel Threaded Part, Absolutely Air Tight..... Per Dozen **$2.50**

Weight Per Dozen About ½ Pound.

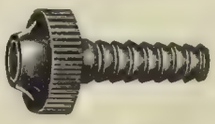
Pump Hose Couplings.



Knurled Steel Head.

No. 10—1⅞ in. Long, Tin Washer, Rubber Cup..... Per Dozen **$2.00**

Weight Per Dozen About 1 Pound.

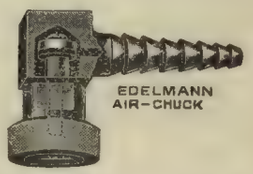


Solid Brass.

No. 46—$1\frac{7}{16}$ in. Long, Fibre Washer, For ¼ in. Standard Air Pump Hose..... Per Dozen **$3.00**

Weight Per Dozen About 1 Pound.

Automatic Air Chucks



To Be Attached to End of Air Hose For "Free Air" Stations.

No. 47—2¼ in. Long, 1½ in. High, Solid Brass, Rubber Washer, All Parts Interchangeable, Tapered Shank for Rubber Hose From ¼ to $\frac{7}{16}$ in. ..... Each **$1.50**

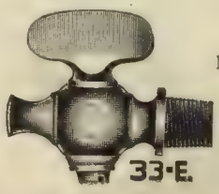
Weight Each About ⅜ Pound.

Priming Cups.

All Brass, Polished.

No. 7E—2 in. Long, 1⅝ in. Wide, Fits All Cars, Regular Long Shank, ⅛ in. I. P. Thread.. Each **$0.45**

Weight Each About ¼ Pound.



Pet Cocks

AIR LOCK

All Brass, Polished.

No. 33E—1¾ in. Long, 1½ in. High, Fits All Cars, Short Shank, ⅛ in. I. P. Thread.. Each **$0.35**

For Drawing Air or Water.

Weight Each About ⅛ Pound.

Automobile Jacks.

EUREKA JUNIOR

Aluminum Finish.

	Each
No. 0—Height Over All 10 in., Raise of Rack 7 in., Malleable Iron and Specially Selected Steel, for Cars up to 3800 Lbs.	$1.15

Weight Each About 3½ Pounds.

EUREKA

Aluminum Finish.

	Each
No. 1—Height Over All 10 in., Raise of Rack 7 in., Malleable Iron and Specially Selected Steel, for Cars up to 4500 Lbs.	$1.50

Weight Each About 5 Pounds.

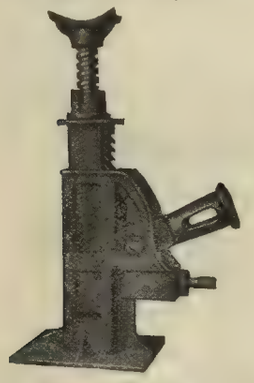
EUREKA ATLAS

Painted Green.

	Each
No. 300—Height Over All 17 in., Raise of Rack 9 in., Malleable Iron, Double Lift, for Cars up to 2000 Lbs.	$1.45

Weight Each About 4½ Pounds.

EUREKA KING



Aluminum Finish, Ratchet and Screw Type Combined.

	Each
No. 200—Height Over All 19½ in., Raise of Rack 10½ in., Malleable Iron, Machine Cut Three Pitch Thread Screw, for Cars up to 4000 Lbs.	$3.55

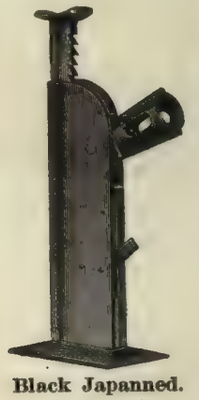
Weight Each About 7 Pounds.

AUTOMOBILE

Malleable Iron Frame, with Step.

	Each
No. 400—Height Over All 11 in., Raise of Rack 8½ in., Laminated Steel Rack, Drop Forged Steel Pawls, Tempered, for Cars Weighing from 3000 to 6000 Lbs.	$5.00

Weight Each About 11 Pounds.



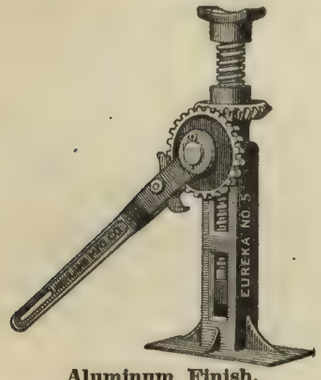
Black Japanned.

	Each
No. 10—Height Over All 10 in., Raise of Rack 6 in., Pressed Steel Throughout, Tempered Steel Pawls, for Cars Weighing from 1000 to 2000 Lbs.	$1.45

Weight Each About 3½ Pounds.

Automobile Jacks.

EUREKA AUTOMOBILE TRUCK



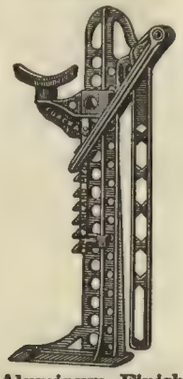
Aluminum Finish.

	Each
No. 5—Height Over All 13 in., Raise of Rack 7 in., Malleable Iron and Steel, for Auto Trucks Weighing from 5 to 8 Tons	$5.60

Weight Each About 15 Pounds.

Tire Saving Jacks.

EUREKA

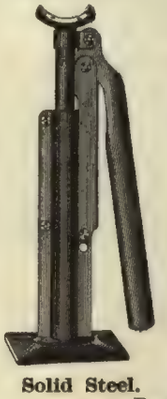


Aluminum Finish.

	Per Set of Four
No. 15—Adjustable to Any Height Wheels, Raise of Rack 2½ in., Malleable Iron	$7.80

Weight Per Set About 30 Pounds.

JIFFY-JAX



Solid Steel.

	Per Set of Four
No. 22—Adjustable from 13¾ to 18⅜ in. High, Raise of Rack 4½ in.	$7.85

Weight Per Set About 21 Pounds.

Automobile Jacks.

"BARTH"

Double Action, Reversible. Malleable Iron, Steel Pins, 11 in. Hardwood Lever.

Each

No. 7B—10½ in. High when Lowered, Rise of Rack 7 in., Capacity 1 Ton, **Aluminum Finish** **$2.25**

No. 1B—Spartan Red Enameled, Otherwise Same as No. 7B.. **2.50**

No. 3B—Painted Black, Otherwise Same as No. 7B..... **2.25**

Weight Each About 6½ Pounds.

Double Action, Reversible. Malleable Iron, Steel Pins, 11 in. Hardwood Lever.

Each

No 2B—14½ in. High when Lowered, Rise of Rack 11 in., Capacity 1 Ton, Painted Black **$3.05**

Weight Each About 9 Pounds.

Double Action, Reversible. Malleable Iron, Steel Pins, 3 ft. Steel Lever.

Each

No. 4B—14 in. High when Lowered, Rise of Rack 8 in., Capacity 3 Tons, Painted Black **$8.00**

Weight Each About 20 Pounds.

WEED CHAIN

Worm Action, Reversible.

Malleable Iron Frame, Black Japanned Steel Screw, Non-Kinkable Chain, Quickly Raised by a Light Pull on Chain, Lowered by Pulling Chain in Opposite Direction.

Nos. W15, W16 and W17.

Each

No. W15—8 in. High when Lowered, Rise of Screw 6¾ in., Weight Each 12 Lbs..... **$6.65**

No. W16—10 in. High when Lowered, Rise of Screw 8 in., Weight Each 12½ Lbs..... **6.65**

No. W17—12 in. High when Lowered, Rise of Screw 6¼ in., Weight Each 12¾ Lbs..... **6.65**

BADGER

Double Action, Reversible.

Malleable Iron Frame, Cut Steel Rack Bar, High Carbon Drop Forged Steel Lifting Pawls, Special Automatic Screw Machine Parts, Steel Handle, Painted Blue.

Nos. 100 and 3.

Each

No. 100—Badger Jr., 11 in. High when Lowered, Rise of Rack 6 in., Capacity 1500 Lbs., Weight Each 6½ Lbs..... **$2.20**

No. 3—Badger, 11 in. High when Lowered, Rise of Rack 6 in., Capacity 1 Ton, Weight Each 9 Lbs..... **3.30**

Nos. 7 and 8.

Each

No. 7—Badger Foot Lift, 11 in. High when Lowered, Rise of Rack 6 in., Capacity 1 Ton, Weight Each 10 Lbs..... **$3.75**

No. 8—Badger Foot Lift, Same as No. 7, but Lighter, Capacity ¾ Ton, Weight Each 8 Lbs..... **3.00**

JIFFY-JAX

Black Enameled.

Each

No. 150—Adjustable from 10 to 16 in. High, Raise of Rack 6 in., Malleable Iron and Steel, Steel Music Wire Springs, Capacity from 1500 to 2000 Lbs..... **$1.60**

Weight Each About 4 Pounds.

No. 150.

Tow Ropes.

"BASLINE AUTOWLINE"

¼ in. Yellow Strand Power Steel Wire Rope.

With Two ½ in. Manila Rope Slings Joined at Each End to Prevent Scratching Paint on Car, Each End of the Autowline is Equipped with Heavy Iron Safety Hooks, Can be Put Under Cushion of Car.

Each

No. 68—25 ft. Long Over All, Will Pull a 4000 Lb. Touring Car up a 20 Per Cent Grade, Weight Each About 4½ Lbs..... **$6.65**

Auto Spades.

Hand Forged from Tool Steel, Polished Blade, Gold Lacquered.

Per Dozen

No. ASW—24 in. Long Over All, Takes Up Very Little Room in Car, Weight Each About 2 Lbs..... **$10.00**

Open Stock.

Auto Axes.

Special Hand Forged Tool Steel, Jet Black Finish, Hickory Handle.

Per Dozen

No. 400—2½ in. Cut, 4½ in. High, 10 in. Handle, Weight Each 10 Oz..... **$11.00**

One-half Dozen in a Box.

Machinists' Hammers.

Ball Pein, Octagon Neck, Drop Forged, Crucible Cast Steel, Black Finish, Polished Face, Pein and Sides, Selected Hickory Handle.

Nos.	E5-0	E4-0	E3-0	E2-0	E0
Weight Each	4 oz.	6 oz.	8 oz.	12 oz.	1 lb.
Approx. Weight Per Dozen, Lbs.	5	6¾	10	13	16
Per Dozen	$8.35	8.35	8.35	8.35	8.70

Nos.	E1	E2	E3	E4
Weight Each	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.	2 lb.
Approx. Weight Per Dozen, Lbs.	21	24	30	33
Per Dozen	$9.35	10.50	10.70	11.35

Nos.	E5	E6	E7	E8
Weight Each	2 lb. 4 oz.	2 lb. 8 oz.	2 lb. 12 oz.	3 lb.
Approx. Weight Per Dozen, Lbs.	36	40	45	50
Per Dozen	$12.00	13.00	14.00	15.00

Weights EACH Do Not Include Handles.

One-half Dozen in a Box.

Combination Pliers

Combined Wire Cutter, Gas Plier and Screw Driver, Drop Forged Steel, Slip Joint.

Per Dozen

No. E925—6½ in., Full Nickel Plated, Weight Per Dozen About 6 Lbs..... **$6.70**

One-half Dozen in a Box.

THIN NOSE COMBINATION AUTO

No. 1024—Drop Forged Steel, Checkered Handles, Slip Joint, Full Nickel Plated.

Inches	5	6½
Ap. Wt. Dozen, Lbs.	3	5½
Per Dozen	$6.70	6.70

With this Thin Nose Plier you can take hold of either a large or a small nut equally as well as you can with the big heavy nose. Has a screw driver end and will cut wire.

One-half Dozen in a Box.

"GITTATIT" COMBINATION

Drop Forged Steel, WITH OFFSET, Slip Joint, Polished Jaws, Temper Finish.

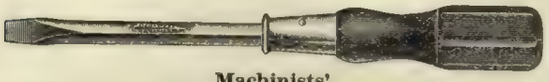
Per Dozen

No. 646—7 in. Over All, Weight Per Dozen About 7 Lbs.....**$6.70**

This will do all the work of the ordinary Plier and will go into many out-of-the-way places where others will not.

One-half Dozen in a Box.

Screw Drivers.



Machinists'.

No. E520—$\frac{5}{16}$ in. Square Fine Tool Steel Blade Running Through Handle, Riveted Through Heavy Steel Ferrule, Plain Point, Ebonized Hardwood Fluted Handle, with Drop Forged Cap on Outer End, Designed for Heavy Duty in Machine Shop or Garage.

Length of Blade, Inches.	3	4	5	6	8
Ap. Wt. Per Dozen, Lbs.	4¾	5	5½	6	6½
Per Dozen	$7.25	8.25	8.90	9.80	10.50

The Blade being square admits the use of a Wrench in turning heavy screws.

One-half Dozen in a Box.

Machinists', Heavy.

No. E525—$\frac{3}{8}$ in. Square Imported Tool Steel Blade Running Through Handle, Riveted Through Ferrule, Heavy Steel Ferrule, Plain Point, Ebony Finish, Fluted Rock Maple Handle, with Drop Forged Cap on Outer End, Designed for Heavy Duty in Machine Shop or Garage.

Length of Blade, Inches...	2½	3½	4½	5½
Ap Wt. Per Dozen, Lbs....	5¾	6	6½	7¼
Per Dozen	$10.00	10.90	11.80	12.70

No Screw with a Slotted Head can stand the persuasion of this Driver backed up with plenty of muscle.

One-half Dozen in a Box.

Screw Drivers.

Baby.

Per Dozen

No. E510B—Length of Blade 1½ in., Round Forged Fine Tool Steel Blade Running Through Handle, Riveted Through Ferrule, Corrugated or Safety Point, Nickel Plated Drawn Steel Ferrule, Ebonized Hardwood Fluted Handle, Drop Forged Cap on Outer End...$2.65

Weight Per Dozen About 1½ Pounds.

One-half Dozen in a Box.

Magneto Files.

DISSTON'S

Chisel Point.

Highest Grade File Steel, Fine Milled.

Per Dozen

No. 62—6¼ in. Long, for Filing Contact Points on Magneto, Spark Plugs and Coils.....$2.10

Weight Per Dozen About ½ Pound.

One Dozen on a Card.

Cold Chisels.

No. E140—, Extra Quality Tool Steel, Octagon, Full Polished Head and Bit, Special Jet Black Finish Body.

Diam., Inches...	¼	⅜	½	⅝
Ap. Wt. Dz., Lb.	1½	2	4	7
Per Dozen	$3.35	3.55	3.80	4.45
Diam., Inches..	¾	⅞	1	
Ap. Wt. Dz., Lb.	11	15	21	
Per Dozen	$6.10	8.35	11.10	

¼ to ⅜ in., One Dozen; Larger Sizes, One-half Dozen in a Box.

Hack Saw Frames.

EXTENSION

Steel Frame, Full Polished and Nickel Plated, Polished Hardwood Handle,

WITHOUT Blade.

Per Dozen

No. E66—Adjustable for Blades 8 to 12 in., Weight Per Dozen About 18 Lbs.....$20.00

One-twelfth Dozen in a Box.

DIKEMAN

Steel Frame, Bright Finish, Enameled Wood Handle.

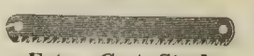
Per Dozen

No. 68—With 8 in. Blade, Weight Per Dozen About 13 Lbs....$7.80

One-half Dozen in a Box.

Hack Saw Blades.

STERLING



Extra Cast Steel.

18 Teeth, for Ordinary Work.

Size, Inches	8x¼	9x½
Thickness, Inches...	.026	.026
Ap. Wt. Gross, Lbs..	4¼	4½
Per Gross	$9.60	10.80
Size, Inches	10x½	12x½
Thickness, Inches...	.026	.026
Ap. Wt. Gross, Lbs..	5	6
Per Gross	$12.00	14.40

One Dozen in a Package; One-half Gross in a Box.

Revolving Hammer Punch

Revolving, 6 Tube, to Drive.

Per Dozen

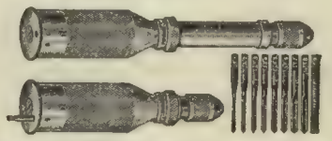
No. 48—Polished, Best Heavy Cold Rolled Steel Body, Best Tool Steel Tubes $7.80

Weight Per Dozen About 4 Pounds.

One-twelfth Dozen in a Box; One Dozen in a Carton.

Automatic Pocket Borer.

STAR



Nickel Plated and Knurled Steel Magazine Handle, Positive Grip Chuck.

Per Dozen

No. 8—7¼ in. Long when Extended, 4⅞ in. Compressed, Complete with 8 Drill Bits $\frac{1}{16}$ to $\frac{1}{4}$ in. and One Screw Driver Bit in Magazine Handle $31.20

Weight Per Dozen About 8½ Pounds.

One-twelfth Dozen in a Box.

Breast Drills.

MILLERS FALLS

Changeable Speed from Even to 3 to 1, Black Enameled Frame and Breast Plate, Large Gear Painted Red, Polished Chuck.

Per Dozen

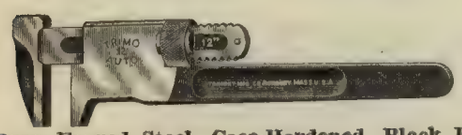
No. 19—Extreme Length 18 in., Cast Iron Frame and Breast Plate, Rolled Steel Main Stock, Cut Gears, Large Gear 5 in. Diameter, Ball Thrust Bearings, Adjustable Breast Plate, Adjustable Crank with Radius of 4 to 7 in., Stained Hardwood Handles, Barber Improved Chuck with Alligator Jaws, Holding Bit Stock and Many Sizes of Round Shanks $35.65

Weight Per Dozen About 74 Pounds.

One-twelfth Dozen in a Box.

Wrenches.

TRIMO AUTO MONKEY



All Drop Forged Steel, Case-Hardened, Black Finish.

Per Dozen

No. 27—12 in. Long, Weight Per Dozen About 15 Lbs. $16.75

One-half Dozen in a Box.

W. & B. AUTO

One Piece Drop Forged Open Hearth Head and Bar, Case-Hardened and Polished, Steel Handle.

Per Dozen

No. 25—10 in. Long, Jaws Open 1 1/2 in., 5/8 in. Thick Head, Weight Per Dozen 16 Lbs. $16.65

Adapted for Automobile and other work where a Wrench with thin jaws is required.

One-twelfth Dozen in a Box.

Auto Wrenches.

Drop Forged Steel, Black Nickel Finish, Tire Lever Beam.

Per Dozen

No. 9—9 in. Long, 2x3/8 in. Jaws, Jaws Open 2 1/8 in., Weight Per Dozen About 12 Lbs. $5.60

Adapted for Automobile, Machine and Motorcycle Use.

One-half Dozen in a Box.

PERFECT HANDLE

No. 643—Drop Forged Steel, Polished Jaws and Frame, Waterproof Natural Finish Wood Handle.

	8	10	14
Length, Inches			
Takes Pipe, Inches	1/8 to 3/4	1/8 to 1	1/4 to 1 1/2
Weight Each, Lbs.	7/8	1 1/2	3 1/2
Each	$1.12	1.25	1.70

	18	24
Length, Inches		
Takes Pipe, Inches	1/4 to 2	1/4 to 2 1/2
Weight Each, Lbs.	5 1/2	8 1/2
Each	$2.25	3.35

8 to 14 in., Six in a Box; 18 in, Four in a Box.

EXTRA PARTS FOR PERFECT HANDLE

For Wrench, Inches		8	10	14	18	24
Movable Hook	Each,	$0.45	.50	.56	.75	1.20
Knurled Nut	Each,	.07	.09	.11	.13	.22
Frame or Rocker	Each,	.23	.25	.30	.35	.50
Spring	Each,	.02	.02	.02	.03	.03

Open Stock.

ADJUSTABLE "S" PERFECT HANDLE

No. 641—Drop Forged Steel, Adjustable Polished Sliding Jaw, Natural Finish Waterproof Wood Handle.

	6	8	10
Length, Inches			
Jaws Open, Inches	7/8	1 1/8	1 3/8
Ap. Weight Per Dozen, Lbs.	6	14	23
Per Dozen	$11.10	13.90	16.70

The water-proofed locked in and riveted perfect handle with the swell at the end admits of the most powerful leverage.

One-half Dozen in a Box.

ADJUSTABLE ENGINEERS'

No. 350—CRESCENT, Drop Forged Steel, Hardened, Oil Finished, Polished Jaws.

	4	6	8	10
Length, Inches				
Jaws Open, Inches	1/2	3/4	15/16	1 1/8
Ap. Wt. Per Dozen, Lbs.	1 1/2	4	8	14
Per Dozen	$11.55	11.55	14.25	17.80

	12	15	18
Length, Inches			
Jaws Open, Inches	1 5/16	1 11/16	2 1/16
Ap. Wt. Per Dozen, Lbs.	24	52	84
Per Dozen	$22.25	28.45	40.00

One-twelfth Dozen in a Box.

CRESCENT DOUBLE END

No. 375—Drop Forged Steel, Hardened, Oil Finish, Polished Jaws.

	8	10
Length, Inches		
Jaws Open, Inches	3/4 and 15/16	15/16 and 1 1/8
Ap. Wt. Per Dozen, Lbs.	10	15
Per Dozen	$22.25	26.65

One-twelfth Dozen in a Box.

Ratchet Wrenches.

WIZARD

Drop Forged Blued Steel, Adjustable Hardened Jaws, Right or Left Action.

Per Dozen

No. 165—8 in. Long, Jaws Open 1 in., Weight Per Dozen 25 Lbs. **$26.65**

This Wrench is especially adapted around Automobiles, Engines and Machinery, or in close quarters where no other wrench can be used.

One-twelfth Dozen in a Box.

Nut Wrenches.

LIGHTNING, For Bit Brace Use, Hollow Shank, Gun Lock Finish, for Square and Hexagon Nuts.

Per Set

No. 5—In Set of 5, for ¼, 5/16, ⅜, 7/16 and ½ in. Nuts, Weight Per Set 2 Lbs.....**$2.12**

Each

No. 5—Separate Sizes, Weight Each ⅜ Lb.....**$0.45**

These Wrenches are very efficient in putting on and taking off nuts in Carriage Work, Automobile Repairing, etc.

Open Stock.

No. 10—Malleable Iron, for Bit Brace Use, for Square Nut.

Take Nut, In..	¼	5/16	⅜	7/16	½
Opening, In...	½	5/8	¾	13/16	⅞
Each	$0.14	.14	.14	.14	.14

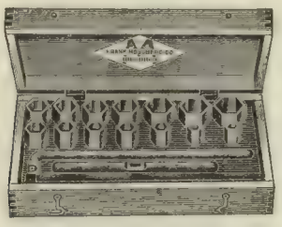
Weight Per Dozen About 2 Pounds.

Per Set

No. 10—In Sets, One Each ¼, 5/16, ⅜, 7/16 and ½ in., Weight Per Set ¾ Lb.....**$0.55**

Open Stock.

Socket Wrench Sets.



All Hexagon Sockets, Mottled Pressed Steel, Case-Hardened, Fitting Standard Sizes of Screws, Nuts and Bolts, for Millwright and Factory Use.

Per Set

No. 7 Set—Consisting of 14 Guaranteed Sockets, One Each 13/32, 15/32, 17/32, 19/32, 5/8, 21/32, 23/32, 25/32, 13/16, 27/32, 29/32, 1, 1 1/32, 1 1/32 in., One 10 in. Offset Socket Wrench Handle and One 10½ in. Take Down T Handle, Socket Wrench Handle, Wt. Per Set About 5 Lbs.**$4.25**

This Set is very applicable for Automobile Adjustments. Also for use in Factories and Mills on power transmission machinery, shafting, pulleys, etc., and when the screw, nuts or bolts are placed in otherwise inaccessible position.

One Set in a Box.

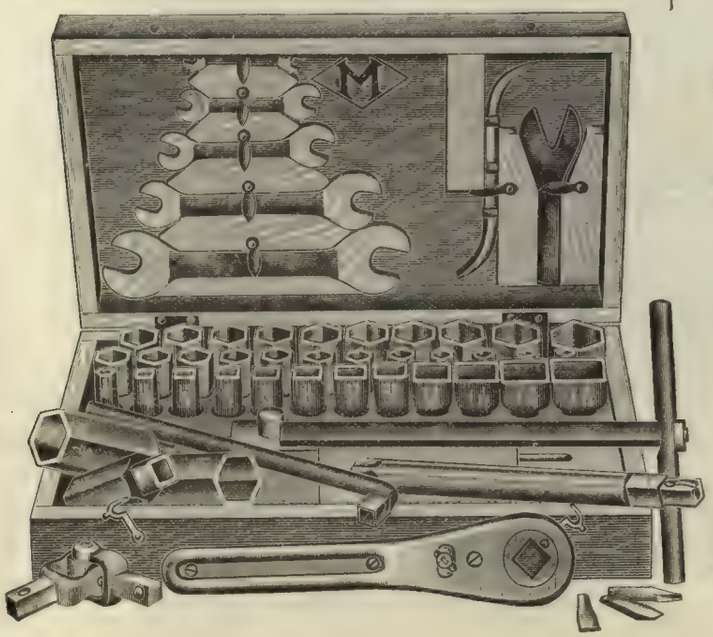
Hexagon and Square Sockets, Mottled Pressed Steel, Case-Hardened, Fitting Various Sizes of Screws, Nuts and Bolts, for Machinists and Factory Workers.

Per Set

No. 9 Set—Consisting of 26 Guaranteed Sockets, **Hexagon**, One Each 15/32, ½, 17/32, 5/8, 21/32, 11/16, 23/32, 25/32, 13/16, 27/32, 7/8, 29/32, 31/32, 1, 1 1/32, 1 3/32, 1 1/16 and 1 3/32 in., **Square**, One Each 13/32, 15/32, 17/32, 19/32, 21/32, 23/32, 25/32, 1 1/32, 1 1/16 in., One Ratchet Socket Wrench Handle, One Extension Bar and Screw Driver Bits, Weight Per Set About 7½ Lbs.....**$10.00**

This Set is an Ideal Repair and Assembly Set of Socket Wrenches for Factory Work.

One Set in a Box.



Hexagon and Square Sockets, Mottled Pressed Steel, Case-Hardened, for Machinists, Automobile Repair Men and Marine Engineers.

Per Set

No. 14 Set—Consisting of 37 Guaranteed Sockets, **23 Hexagonal**, One Each 7/16, 5/8, 11/32, 7/16, 15/32, ½, 17/32, 19/32, 5/8, 21/32, 11/16, 23/32, 25/32, 13/16, 27/32, 7/8, 29/32, 31/32, 1, 1 1/32, 1 3/32, 1 5/32, 1 3/32 in., **11 Square**, One Each 13/32, 15/32, 17/32, 19/32, 21/32, 23/32, 25/32, 27/32, 1 1/32, 1 5/32, 1 3/32 in., **3 Spark Plug Sockets**, 29/32, 1 1/32, 1 5/32 in. Each 4 in. Long, One Reversible Ratchet Socket Wrench Handle, One 10½ in. Take Down T Handle, Socket Wrench Handle and Extension Bar, One 10 in. Offset Socket Wrench Handle, One 6 in. Grips-All Pipe Wrench, One General Service Double End Wrench Set, Extra Finished, 10 Openings, One Universal Joint, 3 Screw Driver Bits and One Cotter Pin Extractor, Weight Per Set About 16 Lbs.....**$17.00**

The Clever Reversible Handle, the Splendid Range of Sockets (each one guaranteed over any other Socket made), the full set of offset open-ends, the completeness of its equipment, all make the Set a wonderful box of tools.

One Set in a Wooden Box.

Wrenches in Sets

GENERAL SERVICE SET

Drop Forged Steel, for Light Work, with 12 Milled Openings, for Popular Screw and Nut Sizes.

Per Set

No. 3—Full Finished, Containing 6 Wrenches, Sizes as Shown Below, in Canvas Bag.....**$4.15**

Contents of Set:

Milled Openings, In.	3/8 & 7/16	1/2 & 9/16
Length, Inches.....	6 1/4	7 1/8
Thickness, Inches...	7/32	1/4
Milled Openings, In.	5/8 & 11/16	3/4 & 13/16
Length, Inches.....	8 1/4	9 1/4
Thickness, Inches...	5/16	3/8
Milled Openings, In.	7/8 & 1	1 1/8 & 1 1/4
Length, Inches.....	10 3/8	12
Thickness, Inches...	7/16	1/2

Weight Per Set About 4½ Pounds.

One Set in a Bag.

ORIGINAL EXTRA CAPACITY SET BIG SIX

Drop Forged Steel, with Milled Openings for 15 Popular U. S. Standard Nuts and Cap Screws.

Per Set

No. 4—Full Finished, Containing 6 Wrenches as Described Below in Canvas Bag.....**$4.25**

Contents of Set:

For Nuts Diam. Bolts		For Cap Screws Diam. Screws		Opening Milled U. S. Standard In.	Extreme Length Inches	Thickness Heads In.
Small H'd	Large H'd	Small H'd	Large H'd			
....	1/4	1/4	5/16	7/16 & 1/2	4 7/8	9/32
....	3/8	3/8	....	15/32 & 17/32	5 7/8	7/16
5/16	7/16	....	....	19/32 & 35/32	6 7/8	11/32
....	....	7/16	1/2	5/8 & 3/4	6 7/8	11/32
1/2	5/8	5/8	....	7/8 & 1 1/16	7 3/4	1/2
....	3/4	3/4	1	1 & 1 1/4	11 1/2	7/16

Weight Per Set About 5 Pounds.
One Set in a Bag.

AUTOMOBILE SET

Drop Forged Steel, with Openings Milled for A. L. A. M. Standard Nuts and Cap Screws.

Per Set

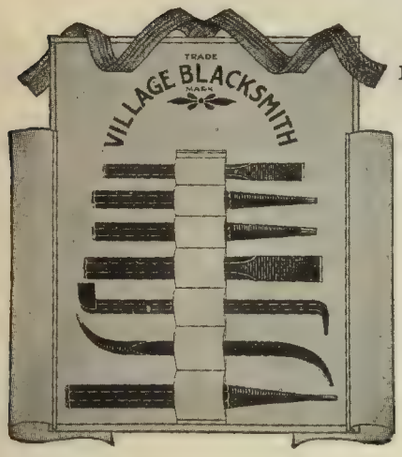
No. 5—Full Finished, Containing 5 Wrenches as Described Below in Canvas Bag.....**$3.90**

Contents of Set:

For A.L.A.M. Standard Nuts and Cap Screws Diameter Bolts and Screws, In.	Openings, Milled In.	Extreme Length In.	Thickness Heads In.
1/4 & 5/16	3/8 & 1/2	4	1/4
3/8 & 7/16	9/16 & 11/16	5 7/8	5/16
1/2 & 9/16	3/8 & 7/8	7 3/4	13/32
5/8 & 11/16	15/16 & 1	8 3/4	7/16
3/4 & 7/8	1 1/8 & 1 1/4	11 1/2	9/16

Weight Per Set About 4 Pounds.
One Set in a Roll.

Utility Tool Sets.



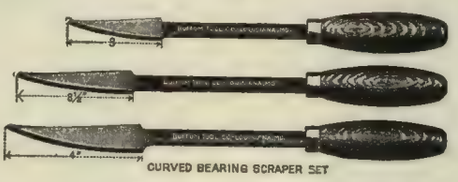
In Canvas and Flannel Roll.

Per Set

No. 117 — General Utility Tool Sets, Containing One Each 3/8 and 5/8 in. Cold Chisels, 5/32 and 6/32 in. Punches, 1/2 in. Diameter, 6 in. Long, 5/32 in. Machinists' Drift Point Punch, 8 in. Long Cotter Pin Drawer and Spreader, Double End Screw Driver, in a Canvas and Flannel Roll.**$2.45**

Weight Per Set About 3 Pounds.

Curved Bearing Scraper Set.



CURVED BEARING SCRAPER SET

High Grade Steel, Hollow Ground, Sharpened Ready for Use, Varnished Hardwood Handle, Brass Nickel Plated Ferrule.

Per Set

No. 187—Set Consisting of One Each 3/8 in. Wide, 3 in. Long, Blade 13 in. Full Length, 3/4 in. Wide, 3 1/2 in. Long, 13 1/2 in. Full Length and 3/4 in. Wide, 4 in. Long, 14 in. Full Length Scraper..**$2.25**

Weight Per Set About 1 1/8 Pounds.

Used by Engineers and especially by Automobile Repairmen and Owners of Machines.

One Set in a Box.

Tap Wrenches

DIAMOND

No. 4D.

Finest Steel, Carefully Hardened and Tempered.

Per Dozen

No. 4D—Hold Taps from 0 to 1/4 in., Length of Shank 2 5/8 in., Length of Handle 3 1/4 in., Weight Per Dozen About 2 Lbs.....**$6.75**

One-half Dozen in a Box.

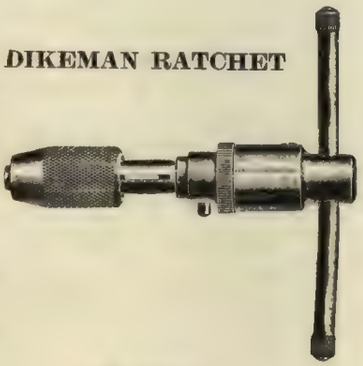
Special Steel, Hardened and Tempered, Full Polished.

Per Dozen

No. 146—Hold Hand Taps 1/4 to 1/2 in., Length 5 5/8 in., Length of Handle 5 5/8 in., Weight Per Dozen 9 Lbs. **$31.10**

One-twelfth Dozen in a Box.

DIKEMAN RATCHET



No. 146.

Automobile Kits.

No. 1.

8 Oz. Brown Canvas Roll, Black Tape Bound, 13 Pockets, 7 in. Deep, Strap and Buckle Fastening.

Each

No. 1—Automobile Kit, Containing 15 Tools, Size of Roll 30 in. Long, 13 in. Wide.....**$7.80**

Weight Per Set 7¾ Pounds.

CONTENTS: 15 TOOLS AS FOLLOWS

1 No. 502 S Wrench.
1 No. 504 S Wrench.
1 No. 25 Auto Wrench.
1 10 in. Stillson Wrench.
1 No. E3-0 Ball Pein Hammer.
1 No. 16 Combination Plier.
1 8 in. Mill Bastard File.
1 8 in. Round Bastard File.
1 6 in. Slim Taper File.
1 No. 55 File Handle.
1 No. 7 6 in. Screw Driver.
1 ⅜ in. Cold Chisel.
1 No. 4 Machine Punch.
No. 20 Copper Wire.
1 Cotter Pin Extractor.

One Set in a Roll.

Brown Duck Roll, Black Leather Bound, 20 Riveted Loops, Strap and Buckle Fastening.

Each

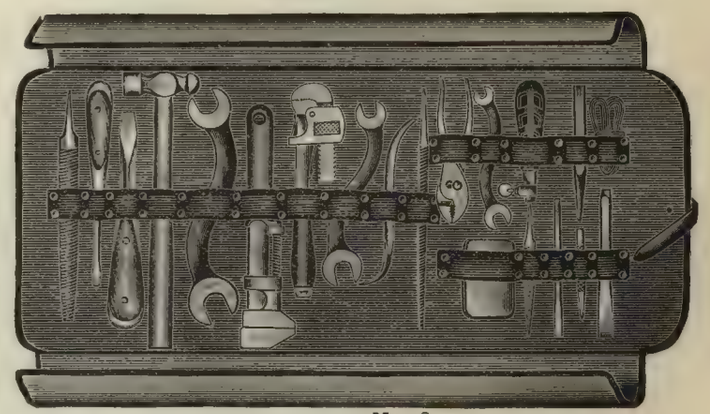
No. 2—Automobile Kit, Containing 21 Tools, Size of Roll 29 in. Long, 13 in. Wide.....**$11.75**

Weight Per Set 9¾ Pounds.

CONTENTS: 21 TOOLS AS FOLLOWS

1 No. 500 S Wrench.
1 No. 502 S Wrench.
1 No. 504 S Wrench.
1 No. 25 Auto Wrench.
1 10 in. Stillson Wrench.
1 No. E3-0 Ball Pein Hammer.
1 No. 998 4½ in. Screw Driver.
1 No. 999 4 in. Screw Driver.
1 No. 16 Combination Plier.
1 8 in. ½ Round Bastard File.
1 8 in. Round Bastard File.
1 4 in. Nicholson Warding File.
1 No. 55 File Handle.
1 ¼ in. Cold Chisel.
1 ½ in. Cold Chisel.
1 No. 18 Center Punch.
1 No. 4 Machine Punch.
1 Cotter Pin Extractor.
1 Box Assorted Spring Cotters.
No. 18 Copper Wire.
No. 20 Copper Wire.

One Set in a Roll.



No. 2.

Brown Duck Roll, Leather Bound, 29 Riveted Loops, Strap and Buckle Fastening.

Each

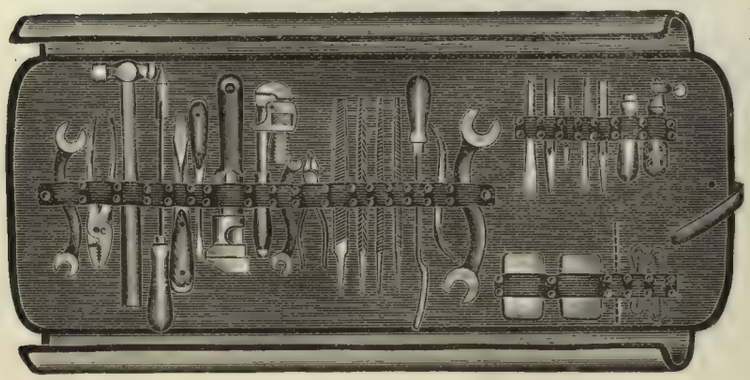
No. 3—Automobile Kit, Containing 29 Tools, Size of Roll 40 in. Long, 16 in. Wide.....**$16.15**

Weight Per Set 13 Pounds.

CONTENTS: 29 TOOLS AS FOLLOWS

1 No. 500 S Wrench.
1 No. 502 S Wrench.
1 No. 504 S Wrench.
1 No. 25 Auto Wrench.
1 10 in. Stillson Wrench.
1 No. E3-0 Ball Pein Hammer.
1 No. 998 4½ in. Screw Driver.
1 No. 999 4 in. Screw Driver.
1 No. 260 8 in. Combination Plier.
1 No. 1050 6 in. Combination Plier.
½ Pr. 1 Lb. Soldering Coppers.
1 No. 55 File Handle.
1 8 in. Mill Bastard File.
1 8 in. Square Bastard File.
1 8 in. Round Bastard File.
1 8 in. Slim Taper File.
2 No. 213 File Handles.
1 Bearing Scraper.
1 Cotter Pin Extractor.
1 ¼ in. Cold Chisel.
1 ½ in. Cold Chisel.
1 No. 6 Machine Punch.
1 No. 4 Machine Punch.
1 No. 18 Center Punch.
No. 18 Copper Wire.
No. 20 Copper Wire.
Self-Fluxing Wire Solder.
1 Box Assorted Spring Cotters.
1 Box Assorted Lock Washers.

One Set in a Roll.



No. 3.

Automobile Screw Plates.

S. A. E. (Formerly A. L. A. M.) Standard Thread.

GREEN RIVER

No. 1462.

In Hardwood Case.

Each

No. 1460 Set—5 Sizes Taps, Dies and Guides, S. A. E. (Formerly A. L. A. M.) Standard, with 18 in. Stock and No. 5 Adjustable Tap Wrench, Weight Per Set About 12 Lbs. **$14.35**

Size, Inches	1/4	5/16	3/8	7/16	1/2
Threads	28	24	24	20	20

(Diameter of Dies 2 3/16 in.)

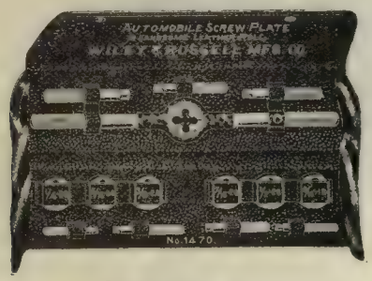
Each

No. 1462 Set—11 Sizes Taps, Dies and Guides, with 22 in. Stock and No. 5, 11½ in. and No. 7, 19½ in. Adjustable Tap Wrenches, Weight Per Set About 27 Lbs. **$36.00**

Size, Inches	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1
Threads	28	24	24	20	20	18	18	16	16	14	14

Complete in Case.

LIGHTNING



In Leather Roll.

Each

No. 1470 Set—7 Sizes Round Adjustable Dies and Plug Taps, S. A. E. (Formerly A. L. A. M.) Standard, with 14 in. Stock, in Handsome Leather Roll, Weight Per Set About 4 Lbs. **$18.00**

Size, Inches	1/4	5/16	3/8	7/16	1/2	9/16	5/8
Threads	28	24	24	20	20	18	18

(Diameter of Dies 1½ in.)
Complete in Roll.

SMART

Each

No. C300—5 Sizes Plug Taps, Round Adjustable Dies 1 in. Outside Diameter, S. A. E. Standard Threads, 9 in. Stock, in Imitation Leather Covered Cabinet, Weight Each About 8 Lbs. **$8.35**

Size, Inches	1/4	5/16	3/8	7/16	1/2
Threads	28	24	24	20	20

Complete in Case.

LIGHTNING

In Leather Roll.

Each

No. 1475—5 Sizes Tap and Dies, S. A. E. (Formerly A. L. A. M.) Standard, with 9 in. Stock and Adjustable T Tap Wrench, Weight Per Set About 3 Lbs. **$13.35**

Size, Inches	1/4	5/16	3/8	7/16	1/2
Threads	28	24	24	20	20

(Diameter of Dies 1 in. Outside.)
Complete in Roll.

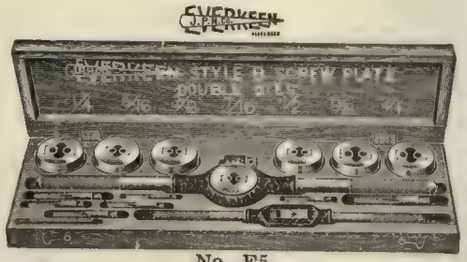
In Leather Roll.

Each

No. 1474 Set—Combination Set, 7 Sizes Round Adjustable Dies and Plug Taps, A. L. A. M. Standard, with 13 in. Stock and No. 5 Adjustable Tap Wrench, Dies for Iron Pipes, Sizes ⅛, ¼ and ⅜ in., Taper Pin Reamers Nos. 0, 1, 2, 3, 4, 5 and 6 in Handsome Leather Roll, Weight Per Set About 5½ Lbs. **$45.35**

Size, Inches	1/4	5/16	3/8	7/16	1/2	9/16	5/8
Threads	28	24	24	20	20	18	18

(Diameter of Dies 1½ in.)
Complete in Roll.



No. E5.

Each

No. E5—7 Sizes Taper Taps, Dies and Collets, 29 in. Stock and 16 in. Adjustable Tap Wrench, Weight Each About 23 Lbs. **$21.35**

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Threads	20	18	16	14	12	11	10

Diameter of Collets 2¾ in., Complete in Case.

AUTOMOBILE COMBINATION SET

Each

No. E5C—7 Sizes Taper Taps, Dies and Collets, U. S. Standard, Seven Sizes Extra Taper Taps and Dies, S. A. E. Standard, 23 in. Stock and 16 in. Adjustable Tap Wrench, Weight Each About 25 Lbs. **$32.00**

U. S. Standard.

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Threads	20	18	16	14	13	11	10

S. A. E. Standard.

Size, Inches	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Threads	28	24	24	20	20	18	16

Diameter of Collets 2 3/16 in., Complete in Case.

Bolt Cutters

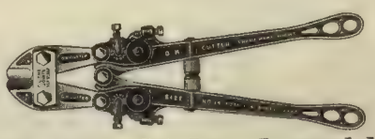
Tempered Steel Clipper Cut Jaws, Japanned Malleable Iron Frame, Interchangeable Parts.

Each

No. 10—10 in. Long, Cuts 3/16 in. Annealed Bolts in the Thread or 3/16 in. Soft Rivets, Weight Per Pair About 1½ Lbs. $2.00

Open Stock.

O. K.



Tempered Steel Clipper Cut Jaws, Japanned Malleable Iron Frame, Interchangeable Parts.

Each

No. 14—14 in. Long, Cuts ¼ in. Annealed Bolts in the Thread or ¼ in. Soft Rivets, Weight Per Pair About 2 Lbs. 5 Oz. $2.50

Open Stock.

Vises.

YANKEE

With Swivel Base.

4½ in. Diameter Cast Iron Swivel Base, Three Bosses on Under Side Give a Level Bearing on Bench, Vise Part Can be Quickly Detached for Use on Drill Press, Etc., Body and Sliding Jaw of Vise are Cast Iron with Hardened Steel Faces.

Each

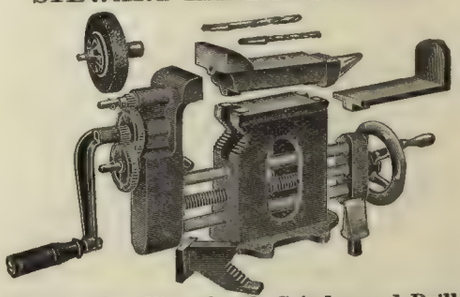
No. 1993—Yankee, 2¾ in. Vise Jaws, 1⅞ in. Deep, Opens 3⅛ in., Extreme Height with Base 5¾ in., Length Over All 8¾ in., Upper Part of Swivel has a Taper Piece to Receive Taper End of Sliding Jaw with Set Screw in One End to Force Tapers into Position, thus Clamping Vise and Base Perfectly Rigid. $6.70

Weight Each About 13½ Pounds.

One in a Box.

Combination Vises.

STEWART HANDY WORKER



Combination Vise, Anvil, Grinder and Drill.

Cast Iron Body, Blue Japanned, Gearing and Drills Cut from Solid Steel Bar, Combines Vise, Pipe Vise, Anvil, Steel Cutting Hardie, Drill Press with Two Drills and Rest, and Carborundum Grinding Wheel with Three Speeds: Direct, 4 to 1 and 16 to 1.

Each

No. 444—Stewart Handy Worker, 4 in. Vise Jaw, Opens 4¼ in., Pipe Vise Holds Pipe up to 1½ in. Diameter, Drill Press Can be Operated at Two Speeds, Driving Mechanism Used for Grinding and Drilling Can Also be Used to Drive Such Extra Attachments as Buffing Wheel, Scratch Brush, Small Circular Saw, Etc. $19.45

Weight Each Boxed About 100 Pounds.

One in a Box.

Cotter Pin Tool.

No. 179.

Tool Steel, Nickel Plated.

Per Dozen

No. 179—5/16 in. Square, 7 in. Long, One End Used for Pulling Cotter Pins and the Other for Spreading Same. $3.35

Weight Per Dozen About 2 Pounds.

One Dozen in a Box.

Spring Cotters.

Steel, Assorted Sizes.

Per Box

No. 40—Each Box Contains 120 Assorted Sizes Spring Cotters. $0.15

Twenty Boxes in a Carton.

Weight Per Box About ¼ Pound.

Taper Pins.

Steel, Assorted Sizes.

Per Box

No. 41—Each Box Contains 40 Taper Pins in Assorted Sizes from 0x1 to 5x2¾, High Grade, Turned $0.65

Twelve Boxes in a Carton.

Weight Per Box About ¾ Pound.

Lock Washers.

Per Box

No. 10—Assortment, Contains 42 Assorted Automobile Sizes of Lock Washers, in Screw Top Tin Box $0.60

Weight Per Box About ¼ Pound.

STRAIGHT SIZES, PLAIN PATTERN

Size, Inches...	3/16	¼	5/16	⅜
Per 100	$0.11	.20	.33	.40
Size, Inches...	**7/16**	**½**	**9/16**	**⅝**
Per 100	$0.44	.55	.65	.75
Size, Inches...		**¾**	**⅞**	**1**
Per 100		$1.00	1.20	1.30

500 in a Box.

Cap Screws.

HEXAGON

Assorted Sizes.

Each Box Contains 12 Screws, Two Each ¼ in. Bolt, 1 and 1¼ in. Long; Two Each 5/16 in. Bolt, 1 and 1¼ in. Long; Two Each ⅜ in. Bolt, 1¼ and 1½ in. Long.

	Per Box
No. 42—U. S. Standard Thread	$0.44
No. 43—A. L. A. M. Thread	.55

Weight Per Box About ¾ Pound.

Set Screws.

Assorted Sizes.

Each Box Contains 14 Screws, Two Each ¼ in., ½ and ¾ in. Long; Two Each 5/16 in., ⅝, ⅞ and 1¼ in. Long; Two Each ⅜ in., 1 and 1½ in. Long.

	Per Box
No. 44—Square Head, Cup Point	$0.30

Weight Per Box About ½ Pound.

Hexagon Nuts.

Semi-Finished, Assorted Sizes.

Each Box Contains 24 Nuts, Eight Each ¼, 5/16 and ⅜ in. Holes.

	Per Box
No. 45—U. S. Standard Thread	$0.40
No. 46—A. L. A. M. Thread	.40

Weight Per Box About ¾ Pound.

Castellated Nuts.

Assorted Sizes.

High Grade, Turned from Bar, Case Hardened.

Each Box Contains 15 Nuts, Four Each 5/16 and ⅜ in.; Three 7/16 in.; Two Each ½ and ⅝ in. Holes.

	Per Box
No. 47—A. L. A. M. Thread	$0.55

Weight Per Box About ¾ Pound.

Oilers.

COPPER PLATED STEEL

Large Mouth, Cold Rolled Steel Body, Clock Spring Steel Bottom, Heavily Electro Plated, Spout Connection Turned from Solid Brass Bar Containing Cut Threads.

With Straight Spout.

Nos.	12	13	13A	14A	14AA	15	15A
Capacity, Pints	¼	⅓	⅓	½	½	1	1
Diameter, Inches	2¾	3⅜	3⅜	3¾	3¾	4¼	4¼
Length Spout, Inches	2½	3	5	3	5	3	5
Approximate Weight Dozen, Lbs.	2½	2⅝	3⅛	4½	4½	5½	5¾
Per Dozen	$2.00	2.50	2.70	3.35	3.60	4.15	4.35

No. 12.

With Bent Spout.

Nos.	14	14B	16
Capacity, Pints	⅓	½	1
Diameter, Inches	3⅜	3¾	4¼
Length Spout, Inches	9	9	9
Approximate Weight Per Dozen, Lbs.	3¾	4	6
Per Dozen	$2.90	3.90	4.70

Nos. 12 to 14AA, One Dozen; Balance One-half Dozen in a Box.

No. 14.

EXTRA SPOUTS FOR COPPER PLATED STEEL OILERS

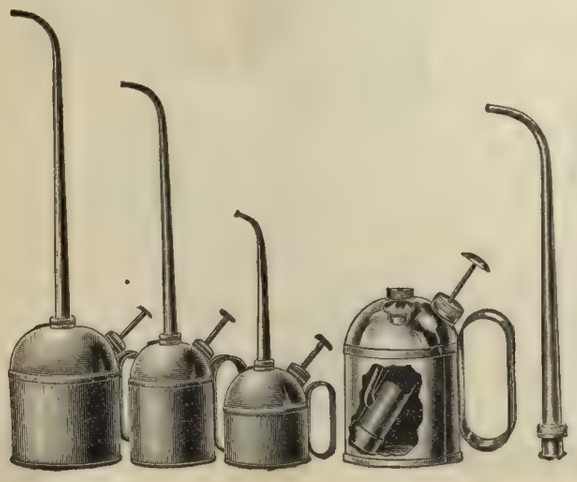
Straight.

Length, Inches	3	5
Per Dozen	$1.65	1.95

Bent.

Length, Inches	9	12	14	18
For Oilers, Nos.	14, 14B, 16	10	111	11
Per Dozen	$2.55	3.45	5.40	4.25

Open Stock.



HOWLAND

Copper Plated, with Force Pump Attachment, Detachable Spout.

Nos.	400	402	403	405
Pints	½	1	1½	2
Diameter, Inches	3	3	4	4
Length Spout, Inches	6	10	12	16
Approx. Wt. Dozen, Lbs.	6	7¼	11	12
Per Dozen	$16.70	18.35	21.70	23.35

Delivers oil in any position. Can be used in places where ordinary oilers will not enter. Particularly recommended for machine shop use. One-half Dozen in a Box.

Oil Can Holders.

Steel, with Spring, Black Japanned.

	Each
No. 1—For Can 3¼ in. Diameter, for Attaching to Dash Under Hood	$0.25
No. 2—For Can 3⅝ in. Diameter, for Attaching to Dash Under Hood	$0.25
No. 4—For Can 3⅝ in. Diameter, for Attaching to Chassis or Any Other Flat Surface	.25

Weight Per Dozen About 3 Pounds.

Oil Tanks.

ELEGANT

Galvanized Iron Tank and Hood, Painted Green, Wood Bottom, Steady Stream Pump, with Hasp and Staples.

Nos.	060	0100
Capacity, Gallons	60	110
Diameter, Inches	25	30
Height, Inches	31	36½
Ap. Weight Each, Crated, Lbs.	60	80
Each	$8.50	14.15

ACME

Galvanized Iron Body and Hood, Painted Green, Wood Bottom, Steady Stream Pump.

Nos.	130	160
Capacity, Gallons	30	60
Diameter, Inches	22	25
Height, Inches	27	31
Approx. Weight Each, Crated, Lbs.	40	60
Each	$6.50	7.25

One in a Crate.

Field or Storage Tanks.

Made of 18 Gauge Steel, Heavily Reinforced at the Chime, Special Seamed, with Faucet.

For Kerosene, Painted Black.

Nos.	530	555
Size, Gallons	30	55
Diameter, Inches	19	22½
Height Inches	29	34
Approximate Weight Each, Lbs.	30	50
Each	$4.50	6.50

For Gasoline, Painted Red.

Nos.	630	655
Size, Gallons	30	55
Each	$4.50	6.50

One in a Crate.

Above Shipped F. O. B. Factory, Chicago, Ill.

Oil or Gasoline Tanks.

26 Gauge Open Hearth Steel, 4 in. Filler Cap, with Lock Faucet Having a Flow Equal to Any 1 in. Faucet, 1 in. Wood Bottom Under Metal Bottom for Protection.

For Kerosene, Painted Green.

Nos.	330	360	410
Gallons	30	60	110
Diameter, Inches	20	26	30
Height, Inches	24	28	36
Approx. Weight Each, Lbs.	35	50	70
Each	$6.50	7.00	10.25

For Gasoline, Painted Red.

Nos.	230	260	310
Gallons	30	60	110
Each	$6.50	7.00	10.25

One in a Crate.

Oil Cans.

Nos. 101 to 110.

BLUE BAND

Galvanized, Stamped Fluted Breast, Fancy Label, Banded Top and Bottom. With Large Spout and 1½ in. Screw Cap.

Nos.	101	102	103	105	110
Gallons	1	2	3	5	10
Approx. Weight Per Dozen, Lbs.	25	30	35	60	90
Per Dozen	$3.35	7.25	9.80	12.00	22.25

With ⅜ in. Metal Faucet and Screw Cap.

Per Dozen

No. 205—Capacity 5 Gallons, Weight Per Dozen About 72 Lbs. **$14.50**

No. 101, One Dozen; Nos. 102 to 205, One-half Dozen in a Crate.

No. 205.

Gasoline Cans.

Nos. 501 to 510.

Galvanized Iron, Painted Red, Fancy Label.

With Large Spout and 1½ in. Screw Cap.

Nos.	501	502	503	505	510
Gallons	1	2	3	5	10
Approx. Weight Per Dozen, Lbs.	25	30	35	60	90
Per Dozen	$5.35	8.25	11.15	13.35	24.50

With ⅜ in. Metal Faucet and Screw Cap.

Per Dozen

No. 605—Capacity 5 Gallons, Weight Per Dozen About 72 Lbs. **$15.00**

No. 501, One Dozen; Nos. 502 to 605, One-half Dozen in a Crate.

No. 605.

Oil Cans.

EXTRA HEAVY, Galvanized Iron, Red Band, Spout with Screw Cap.

Nos.	8843	8845
Gallons	3	5
Approximate Weight Per Dozen, Lbs.	80	90
Per Dozen	$13.35	20.00

One-half Dozen in a Crate.

Gasoline Cans.

EXTRA HEAVY Galvanized Iron, Painted Red, Spout with Screw Cap.

Nos.	8943	8945
Gallons	3	5
Approximate Weight Per Dozen, Lbs.	80	90
Per Dozen	$16.00	22.65

One-half Dozen in a Crate.

Nos. 8843 and 8845.

Nos. 8943 and 8945.

Utility Measures.

IC, U. S. Standard.

Nos.	82	83	84	85	86
Pints	½	1	2	4	8
Wt. Dz., Lbs.	3½	5½	8	14	25
Per Doz.	$1.35	1.90	2.40	3.35	4.90

Utility Measures.

IXX, U. S. Standard.

Nos.	283	284	285	286
Quarts	½	1	2	4
Wt. Doz., Lbs.	7	9	10	16
Per Dozen	$3.60	4.50	5.60	8.40

The Utility Measure, with Funnel Attachments, has many advantages over all others. It is a great saver of time, trouble and waste.

Open Stock.

Funnels.

IC, Fluted Spout.

Nos.	10	15	20
Quarts	⅛	¼	½
Inches	2⅝	3½	4½
Wt. Doz., Lbs.	4	4	4
Per Dozen	$0.45	.50	.60

Nos.	25	30	35
Quarts	1	2	4
Inches	5½	6¾	8
Wt. Doz., Lbs.	5	8	14
Per Dozen	$0.90	1.25	1.70

Open Stock.

Automobile Measures and Funnels.

AUTO GASOLINE CANS

Extra Heavy Galvanized Material, Painted Red.

Large Spout for Pouring, Wood Plug in Spout Secured to Can by Brass Chain, Milk Can Cover.

	Per Dozen
No. 955—5 Gallon, 19¾ in. High Over All, Weight Per Dozen About 100 Lbs.	$25.35

One-quarter Dozen in a Crate.

AUTOMOBILE MEASURES

Galvanized Iron, Extra Heavy, with Bail and Back Handle.

Nos.	2	3
Gallons	2	3
Ap. Wt. Dozen, Lbs.	52	70
Per Dozen	$35.60	40.00

Open Stock.

Galvanized Iron, Extra Heavy, with Galvanized Bail with Base, Nose on Lip, Back Handle.

No.	5
Gallons	5
Approx. Weight Dozen, Lbs.	100
Per Dozen	$46.65

Open Stock.

AUTOMOBILE FUNNELS

Galvanized Iron, Extra Heavy, Extra Large, with Brass Wire Strainer, Extra Hoop to Fasten Chamois.

No.	51
Diameter, Inches	12¼
Approx. Weight Dozen, Lbs.	46
Per Dozen	$19.50

Open Stock.

AUTOMOBILE FUNNELS

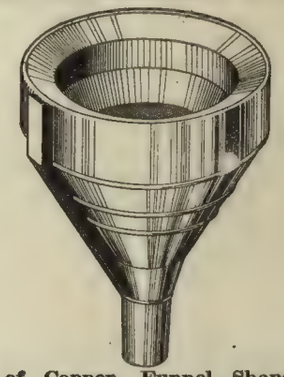
Galvanized Iron, Extra Heavy, Extra Large, Brass Wire Strainer.

Extra Hoop to Fasten Chamois, Funnel Tube on End to Permit Using in Corners.

No.	53
Diameter, Inches	12¼
Approx. Weight Dozen, Lbs.	68
Per Dozen	$25.60

Open Stock.

WATER SEPARATING FILTER



Made of Copper, Funnel Shape, for Gasoline, Kerosene, Benzine and Other Similar Oils.

	Per Dozen
No. 2—Auto Size, 6x9 in., Capacity 10 Gallons Per Minute, Complete with Extension Spout for Motor Boat Use, Weight Per Dozen About 14 Lbs.	$30.70

Open Stock.

AUTOMOBILE FUNNELS

Galvanized Iron, Seamless, Extra Heavy, with Chamois Ring and 100 Mesh Strainer.

Nos.	603	606
Capacity, Quarts	3	6
Diameter, Inches	9	10½
Approximate Weight Dozen, Lbs.	45	63
Per Dozen	$16.00	18.65

Open Stock.

WOOD JACKET CANS

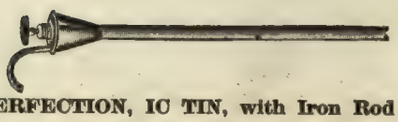
Heavy Tin, Vent Top, Wood Jacket.

Nos.	81	82	83
Gallons	1	2	3
Ap. Wt. Each, Lbs.	1½	2½	3
Each	$0.36	.45	.56

Nos.	85	90
Gallons	5	10
Ap. Wt. Each, Lbs.	4½	7
Each	$0.67	1.25

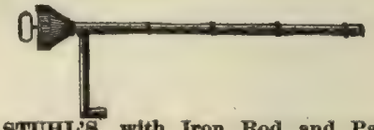
Open Stock.

Oil Pumps.



PERFECTION, IC TIN, with Iron Rod and Patent Valve.

	Each
No. 10—38 in. Long, Weight Each About 6 Lbs.	$2.00



STUHL'S, with Iron Rod and Patent Valve.

	Each
No. 20—48 in. Long, 1½ in. Cylinder, 14 in. Spout, Weight Each About 8 Lbs.	$3.80

Lubricating Oils.

"NORTHLAND" PURE PENNSYLVANIA

Fully Guaranteed.

	Per Gallon
No. 5—Valve Oil (Compounded Steam Cylinder), a High Grade Pennsylvania Green Oil, Compounded at the Refinery with Pure Lard Oil and Over 650 Fire Test, for Steam Cylinder Lubrication, Large Stationary Engines	$0.80
No. 10—Steam Cylinder Oil, a Medium Fire Test Cylinder Oil, Compounded 6 Per Cent with Animal Oils, Made Especially for Small Steam Engines, Threshing Machines, etc	.67
No. 12—"D" Gas Engine Cylinder Oil, an Excellent Filtered Oil of Good Body, Suitable for Any Medium Sized Gas Engine, Also a Fairly Good Automobile Cylinder Oil, an Excellent Engine or Machine Oil	.50

	Per Gallon
No. 15—Heavy Gas Engine Oil, a Heavy Red Pennsylvania Viscous Oil with High Fire Test, Suitable for Hot-Running Gasoline Engines Pulling Considerable Power	$0.63
No. 20—Pale Gas Engine Cylinder Oil, a Light Bodied Oil Suitable for Small Gas Engines, Also for Engine or Machinery Lubrication where a Fairly Light Bodied Oil is Required, is Highly Filtered, Therefore Suitable for Automobile Lubrication as Well, Leaves Very Little Carbon	.63
No. 25—Red Dynamo and Engine Oil, a Heavy Bodied Red Oil, Suitable for Machine and Engine Lubrication Other than in Cylinders	.45
No. 30—Red Engine Oil, Same as No. 25, but Lighter in Body	.38
No. 35—Machine Castor Oil, Medium or Heavy, a Heavy Manufactured Oil with Gelatin Base, Preferred by Some on Account of its Adhesive Qualities, Used for Farm Machinery, Should Not be Used when Oil can be Held on the Bearings	.38

	Per Gallon
No. 40—White Mineral Separator Oil, a White Filtered Mineral Oil, Made to Lubricate Fast Running Light Machinery, Light in Body	$0.45
No. 45—Windmill or Ice Machine Oil, a Pale Oil with a Very Low Cold Test—Lubricating at 7 Below Zero, a Good Engine Oil to Use in Winter, Makes a Fair Winter Automobile Cylinder Oil.	.52
No. 50—Heavy Harvester Oil, a Very Heavy Red Engine Oil, Made to do the Work of Castor, Much Better than Castor in Every Way and Will Lubricate at a Very Low Temperature, Too Heavy for Any Other Purpose	.56
No. 55—Neatsfoot Harness Oil, Dark Color, for Dipping or Rubbing	.78

About 50 Gallons in a Barrel, Prices Quoted Include Cost of Barrel.

	Each
Half Barrel (About 25 Gallons)	$1.70
Ten Gallon Cone Top Jacket Can	1.35
Five Gallon Cone Top Jacket Can	.80
One Gallon Cone Top Jacket Can	.40

No. C40—Northland Separator Oil.
In Cases.

Capacity of Can, Gallons	1	½	¼
Number of Cans in Case	6	12	24
Per Case	$5.15	6.90	9.35

No. C55—Neatsfoot Harness Oil.
In Cases.

Capacity of Can, Gallons	1	½	¼
Number of Cans in Case	6	12	24
Per Case	$7.25	8.35	11.15

Automobile Oils.

"NORTHLAND" HIGH GRADE PENNSYLVANIA

Fully Guaranteed.

Nos. 1 and C1 Extra Pale Auto Oil—A highly filtered Pennsylvania Oil with very high fire test and with practically no free carbon. Used most successfully on fast running expensive cars with close fitting bearings. If bearings are not perfectly ground will burn up quickly without residue. Not recommended for the ordinary class of car.

Nos. 2 and C2 Special Oil—The very best filtered, pale Pennsylvania Oil possible to buy at any price, and suitable for any make of water-cooled car. There is no better auto lubricant made regardless of name or price. A better oil cannot be made out of petroleum.

Nos. 3 and C3 Crystalline—A very heavy white oil, especially adapted for motors having the new long stroke engine. It will not smoke and has a low cold test. This is the fanciest oil made. Will lubricate any make of water-cooled or air-cooled motor.

Nos. 4 and C4 Heavy Auto—A strong bodied Pennsylvania filtered oil with very high fire test. For motors needing a heavy oil, also for air-cooled cars. Splendid for motorcycles.

In Barrels.

Nos.	1	2	3	4	6	8	9
Per Gallon	$1.25	.78	1.25	.90	.75	.65	.75

About 50 Gallons in a Barrel.

Nos. 6 and C6 Combination—An excellent Pennsylvania filtered oil, with a little stronger body than the Special, but not quite so light in color. Contains very little carbon.

Nos. 8 and C8 Bartles Mobiline Auto Oil—This is a medium bodied oil, filtered, and is strongly recommended as a combination oil which a dealer can handle and sell for automobiles, gas engines, power separators, dynamos, ordinary machinery, and medium sized engines. It contains very little free carbon, has good body and high fire test. Its cold test is about 15 above zero.

Nos. 9 and C9 Transmission Oil—A heavy black Pennsylvania Stock oil with a very high fire test. Suitable in the transmissions of automobiles where the bearings are tight enough to hold it. It takes the place of transmission grease and is a very much better lubricant.

In One Gallon Cans.

Nos.	C1	C2	C3	C4	C6	C8	C9
Per Case of Six	$9.80	7.15	9.80	7.80	7.00	6.35	7.00

Six One Gallon Cans with Patent Spout in a Case.

Prices Quoted Include Cost of Barrel and Containers in Case Lots.

	Each
Half Barrel (About 25 Gallons)	$1.70
Ten Gallon Cone Top Jacket Can	1.35
5 Gallon Cone Top Jacket Can	$0.80
1 Gallon Cone Top Jacket Can	.40

Gasoline.

HIGH GRAVITY, PENNSYLVANIA

Guaranteed Wisconsin State Test, In Steel Drum.

	Per Gallon
Bartles 59° Gravity	$0.40
Bartles 62° Gravity	.44
Bartles 65° Gravity	.50
Bartles 70° Gravity	.56
Bartles 72° Gravity	.58

54 Gallons in a Drum.

	Each
Steel Drums	$11.15

Kerosene.

HIGHEST GRADE, PENNSYLVANIA

	Per Gallon
Bartles Ruby, (Red), 50° Gravity, in Steel Drum	$0.25
Bartles Radiacene, (White), 50° Gravity, in Steel Drum	.25
Bartles Parlor Light, Clear White, Double Distilled, 54 Gallons in a Drum	.18

	Each
Steel Drums	$8.90

Denatured Alcohol.

RADIO, A Carbon Remover, Non-Freezing Agent and an Ideal Fuel.

	Per Gallon
In Barrels, About 50 Gallons	$1.20
In ½ Barrels, About 25 Gallons.	1.30
	Per Crate
In Crate, One 5 Gal. Can	$ 8.00
In Crate, Two 5 Gal, Cans	14.80
	Per Can
In 1 Gallon Plain Tin Can	$2.00

Prices Quoted on Gasoline and Kerosene do not include the Steel Drum. Steel Drums can be returned to the Bartles-Maguire Oil Co., Milwaukee, Wis., they paying the **return freight** charges and when received we will credit amount as originally charged for same.

NOTE—Kerosene can be shipped by Rail to **Wisconsin Points Only.** Lake Steamers will not accept same. Gasoline can be shipped by Rail only.

Cup and Transmission Grease.

"NORTHLAND," HIGH GRADE

No. 3, Medium; No. 4, Hard.

Greases are made from light oils and should never be used when oil itself can be held. The transmission greases are free flowing and the cup greases are hard. Fibre grease is best used for transmissions and differentials on account of its tendency to cling, also on account of its higher melting point. All our greases are high grade and should not be confused with the cheap greases. They are made from strong bodied oils and compounded with animal oils to maintain their lubricating qualities when melted.

CUP GREASE

	Per Pound
In Wooden Barrels, Containing About 450 Lbs	$0.11
In Wooden ½ Barrels, Containing About 280 Lbs	.12
	Per Pail
In Wooden Pails, Containing 28 Lbs. Net	$4.70
	Per Dozen
In 5 Lb. Tin Pails, Enameled, Fancy, 12 in a Case	$11.15
In 10 Lb. Tin Pails, Enameled, Fancy, 6 in a Case	21.15
	Per Case
In 1 Lb. Tin Boxes, Enameled, Fancy, 48 in a Case	$13.35
In 3 Lb. Tin Boxes, Enameled, Fancy, 24 in a Case	16.70

TRANSMISSION GREASE

	Per Pound
In Wooden Barrels, Containing About 450 Lbs	$0.11
In Wooden ½ Barrels, Containing About 280 Lbs	.12
	Per Dozen
In 5 Lb. Tin Pails, Enameled, Fancy, 12 in a Case	$11.15
In 10 Lb. Tin Pails, Enameled, Fancy, 6 in a Case	21.15

Linseed Oil Soap

"NORTHLAND," FOR HIGHLY POLISHED SURFACES

A soft neutral soap made to clean highly polished surfaces when mixed with water to the extent of making suds. Cold water should always be used. Will cut all grease and not mar the finest surface. Used almost without exception by all parties cleaning automobiles. Also used for all kinds of general cleaning on account of its properties and on account of its purity.

	Per Pound
In Wooden Barrels, Containing About 430 Lbs	$0.11
In Wooden Half Barrels, Containing About 220 Lbs	.12
	Per Pail
In Wooden Pails, Containing 33 Lbs. Net	$5.90

Metal Polish.

PUTZ POMADE, UNIVERSAL

For Cleaning and Polishing All Kinds of Metal.
In Tin Boxes.

Per Dozen

No. 1—1 Oz. Box, Weight Per Dozen 1 Lb.....**$0.56**

No. 3—3 Oz. Box, Weight Per Dozen 2½ Lbs.... **1.12**

In Tin Cans.

Per Pound

No. 4—1 Lb. Can.....**$0.65**
No. 5—5 Lb. Can..... **.65**

No. 1, Two Dozen; No. 3, One Dozen in a Package; Nos. 4 and 5, in Bulk.

MINUTE

Liquid, Tin Cans, Screw Top.

Nos.	**32**	**33**	**34**
Capacity, Pints	¼	½	1
Weight Dozen, Lbs.	5	9	15
Dozen in Case	3	3	3
Per Dozen	**$1.80**	**2.80**	**4.50**
Nos.	**35**	**36**	**37**
Capacity, Pints	2	4	8
Weight Dozen, Lbs.	28	54	112
Dozen in Case	1	½	½
Per Dozen	**$7.60**	**13.35**	**21.70**

Metal Polish.

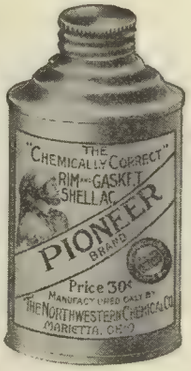
BURNISHINE

Liquid, Tin Cans, Screw Top.

Nos.	**12**	**13**	**14**
Capacity, Pints	¼	½	1
Weight Dozen, Lbs.	5	10	18
Dozen in Case	6	3	2
Per Dozen	**$1.80**	**2.80**	**4.50**
Nos.	**15**	**16**	**17**
Capacity, Pints	2	4	8
Weight Dozen, Lbs.	36	65	126
Dozen in Case	1	1	½
Per Dozen	**$7.60**	**13.35**	**21.70**

Shellac.

PIONEER



Rim and Gasket.

Liquid, Tin Can, Screw Top.

Per Dozen

No. 100—In ½ Pint Cans.....**$3.75**

Is Used to Cement Bicycle Tires to their Rims, Also to Coat Gaskets so that a Perfectly Tight Union may be made.

Weight Per Dozen About 14 Pounds.

Aluminum Paint.

ANCHOR

Highest Grade, Extra Brilliant, for Radiators, Registers, Steam Pipes, Gas Ranges, Stoves, Etc.

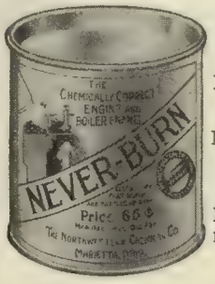
Put up in Friction Top Can, Consisting of Bronze and Bronzing Liquid.

Nos.	**20**	**21**	**22**
Capacity, Pts.	¼	½	1
Weight Doz., Lbs.	4½	7	14
Per Dozen	**$2.80**	**4.50**	**7.80**

One Dozen in a Carton.

Engine Enamel.

NEVER-BURN



High Grade, For Use on Automobile Engines.

Per Dozen

No. 101—Flat Black Color, In 1 Pint Friction Top Can.....**$9.65**

No. 102—Battleship Gray Color, in 1 Pint Friction Top Can..... **9.65**

The Heat of the Engine Bakes the Enamel and Produces a Finish that will not Crack or Burn Off.

Weight Per Dozen About 15 Pounds.

Graphite Coating.

A Specially Prepared Graphite Coating For Use on Rims and Springs.

Per Dozen

No. 103—In ½ Pint Friction Top Cans **$6.00**

Dries in three minutes and can be applied when changing Tires. Positively Prevents Tires from Sticking to the Rims and keeps Springs from Rusting.

Weight Per Dozen About 12 Pounds.

Automobile Top Dressing.

Imparts a Soft, Flat, Black Appearance To Leather or Pantasote.

Per Dozen

No. 104—In 1 Pint Cans, Weight Per Dozen About 18 Lbs...**$8.10**

No. 105—In 1 Quart Cans, Wt. Per Dozen About 36 Lbs..**$14.55**

Produces an Absolutely Waterproof and Elastic Finish.

Valve Grinding Compound.

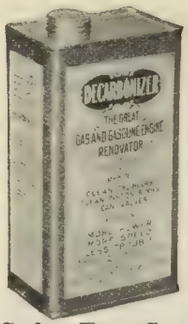
A Strictly High Grade Abrasive.

Per Dozen

No. 108—Fine and Coarse, in 4 Oz. Double End Boxes.....$3.75

Weight Per Dozen About 4 Pounds.
One Dozen in a Case.

Radium Decarbonizer.



Removes Carbon From Gas and Gasoline Engines and Prevents Accumulation of Carbon and Resinous Matter.

Per Dozen

No. 109—In 1 Quart Can, Weight Per Can About 4 Lbs.....$9.45

No. 110—In ½ Gallon Cans, Wt. Per Can About 8 Lbs..... 16.00

Clutch and Brake Compound.

Restores Leather, Cork or Composition Clutch and Brake Facings to Their Original Tenacity.

Per Dozen

No. 112—In 1 Pint Screw Spout Top Can $5.20

Weight Per Dozen About 15 Pounds.

Liquid Veneer.

For Woodwork, Pianos, Furniture, Carriages, Automobiles, Etc.

Size of Bottle, Oz.....	4	12
Weight Per Dozen, Lbs...	8½	18
Per Dozen $4.50		8.90

One Dozen in a Box.

Liquid Veneer Assortment.

Each

Dandy Deal Assortment.....$31.15

Consists of the Following:

	Retail Value
3 Dozen 4 Oz. (25c Size).....	$ 9.00
2 Dozen 12 Oz. (50c Size).....	12.00
½ Dozen 4 Oz. (25c Size).....	1.50
Total,	$22.50

Window Display and Advertising Matter Furnished with this Dandy Deal Assortment.

Weight Per Assortment About 90 Lbs.
One Assortment in a Case.

Prepared Wax.

JOHNSON'S

For Polishing Automobiles, Pianos, Furniture, Etc., Produces a High Lasting Polish, Does Not Become Sticky or Tacky.

Per Dozen

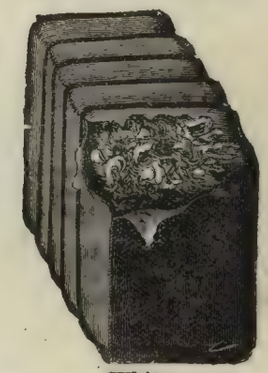
Johnson's Prepared Wax—

In 5 Oz. Cans.....$4.50

Contains a very large percentage of the Hard Expensive Carnauba Wax and for that reason it goes farther than other brands and produces a Higher and more Lasting Polish.

Weight Per Dozen About 5 Lbs.

Cotton Waste.



White.	Per Pound
No. 1—White Cotton	$0.22½
No. 2—White Cotton	.20
Colored.	**Per Pound**
No. 01—Colored Cotton	$0.15
No. 02—Colored Cotton	.12½

Sponges.

	Per Pound
No. 10—Sheep Wool	$13.35
No. 20—Brown Wool or Velvet	6.70
No. 30—Grass	4.00

Chamois Skins.

First Quality, Soft, for Cutlery and Plated Ware.

Nos.	23F	24¼F	24¾F	26F	27F
Size, Inches	12x14	13x17	15x20	19x26	23x26
Per Kip of 30 Skins	$10.25	16.70	22.60	34.50	50.00

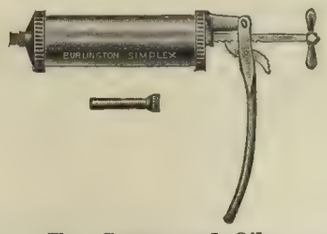
Second Quality, for General Cleaning and all Ordinary Purposes.

Nos.	23S	24¼S	24¾S	26S	27S
Size, Inches	12x14	13x17	15x20	19x26	23x26
Per Kip of 30 Skins	$7.70	12.50	16.70	25.90	36.65

Weight Per Kip About 6 Pounds.

Grease Guns.

BURLINGTON SIMPLEX



For Grease and Oil.

Steel Construction Throughout, Bright Finish.

With Straight and Bent Spout, Removable Sleeve Over Cylinder Prevents Soiling of Clothes or Hands, Ratchet Handle for Forcing Heavy Grease.

	Each
No. 50—Burlington Simplex, 13¾ in. Long, 7x2 in. Cylinder, 9 in. Handle	**$3.00**

Weight Each About 2½ Pounds.

KELLOGG

For Grease and Oil.

Solid Brass, Polished.

With Straight and Bent Spout, Machined Steel Rack and Pinion Movement which can be Operated by Wheel at Side for Very Heavy Grease, Plunger is Used for Light Oils.

	Each
No. 51—Kellogg, 13½ in. Long Over-All, 8x1½ in. Cylinder, 6½ in. Rack and Pinion Plunger	**$2.65**

Weight Each About 2 Pounds.

COMBINATION

For Grease and Oil.

Extra Heavy Brushed Brass Tubing

With Straight and Bent Spout, End of Gun is Threaded to Fit Tapped Opening in the **Ford** Car Differential.

	Each
No. 52—Combination, 9x1¼ in. Cylinder, Cork Plunger, Capacity 6 Oz.	**$0.55**

Weight Each About 1 Pound.

GEM

For Grease.

Heavy Brass Tubing, Nicely Polished.

With Bent Spout, Grease is Expelled by Means of a Screw Type Stem Which Works Very Rapidly.

	Each
No. 53—Gem, 7x1¾ in. Cylinder, Hydraulic Pressed Composition Cork Plunger, Capacity 8 Oz.	**$1.55**

Weight Each About 2 Pounds.

Oil Guns.

BRIDGEPORT

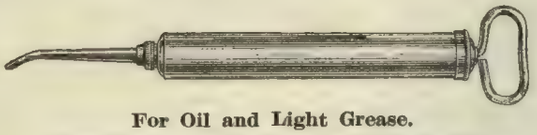
For Oil.

Selected Quality Seamless Brass Tube.

Two Fine Quality Plunger Leathers, Heavy Coil Spring on Plunger Rod.

	Each
No. 3981—14¼ in. Long Over-All, 8x1¼ in. Cylinder, Bent Spout	**$0.65**

Weight Each About 1 Pound.



For Oil and Light Grease.

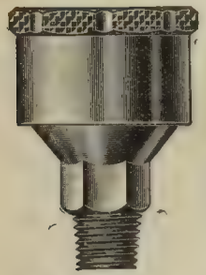
Seamless Brass, Polished and Lacquered.

Two Fine Quality Plunger Leathers, Heavy Coil Spring on Plunger Rod, Strong and Positive Acting.

	Each
No. 4071—14 in. Long Over All, 8x1¼ in. Cylinder, Bent Spout	**$1.10**

Weight Each About 1 Pound.

Grease Cups.



Brass, Dull Finish.

Special Lug Knurled Cap.

No. 200— Plain Compression.

Size, Nos.	000	00
Inside Diam., Inches	¾	1
Reg. Pipe Thread, In.	⅛	⅛
Capacity (Grease), Oz.	¼	½
Weight Each About, Oz.	2	3
Each	**$0.20**	.22

Size, Nos.	0	1
Inside Diameter, Inches	1¼	1½
Regular Pipe Thread, Inches	¼	¼
Capacity (Grease), Oz.	⅔	1
Weight Each About, Oz.	4	6
Each	**$0.20**	.40

Open Stock.

Brass.

No. 101—"T" Handle, Knurled Cap.

Size, Nos.	000	00
Inside Diameter, Inches	½	¾
Shank Pipe Thread, Inches	⅛	⅛
Capacity (Grease), Oz.	¼	½
Weight Each About, Oz.	1½	2
Each	**$0.18**	.25

The Above are Especially Adapted for **Ford** Cars.

Open Stock.

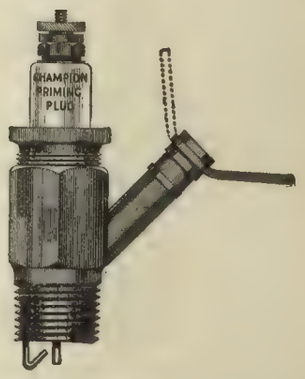
Spark Plugs.

CHAMPION

Champion "X."
A Special Plug for Ford Cars.

Adopted by the Factory as Regular Equipment on all Ford Cars Since 1911. Gun Metal Finish.

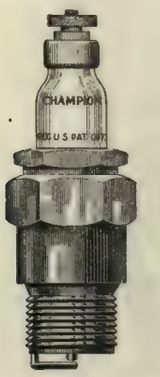
	Each
No. 1—½ in.	$0.75



Champion Priming.
For Ford Cars.

Has Key Lock Attached to Needle Valve for Easy Opening and Closing, Will Start Any Motor on the First Quarter Turn.

	Each
No. 4—½ in.	$1.25



Champion Two-Piece Heavy Stone.

Will Give Extremely Satisfactory Service on Such Cars as Cadillac, Hudson, Chalmers, Packard, Etc. Strong and Substantially Made.

	Each
No. 7—½ in.	$1.25
No. 8—⅞-18	1.25

Champion One-Piece Heavy Stone.

Specially Made for Cars of High Power and Compression. Factory Equipment on Such Cars as Willys-Knight, White, Overland Six, Etc.

	Each
No. 11—½ in.	$1.25
No. 12—⅞-18	1.25

Champion Heavy Duty.

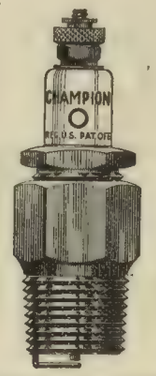
Adopted as Standard Equipment on Studebaker, as Well as a Large Number of Trucks and Tractors, Small, Compact and Exceedingly Durable.

	Each
No. 15—½ in.	$1.00
No. 16—⅞-18	1.00

Champion Regular.

Adopted as Standard Equipment on Maxwell and Other Well Known Cars. Has Patented Cup Gasket Assembly.

	Each
No. 20—½ in.	$1.00
No. 21—⅞-18	1.00



Champion "O" Overland.

Specially Made for Use on Overland Car, Originally Adopted as Factory Equipment.

	Each
No. 29—½ in.	$1.00

Champion Long.

	Each
No. 24—½ in.	$1.00

Champion Conical.

	Each
No. 26—⅞-18	$1.00

Spark Plugs.

CHAMPION

Champion Metz.
Has Extra Long Shell, Bringing Spark Well Down Into Cylinder. Adopted Since 1913 as Standard Equipment on All Metz Cars.

Each
No. 32—½ in. $1.00

Champion Buick.
Specially Made for Buick Cars. Has Conical Porcelain Extension Shell, Buick Terminal.

Each
No. 34—⅞-18 .....$1.00

Champion Magneto.
Platinum Point. Has Closed End, Conical Porcelain, Gives High Efficiency with Magneto. Specially Adapted to Oily Motors, as it Will Not Foul from Oil.

Each
No. 36—½ in.....$1.25

Champion Reliance (Sparks in Water).
Porcelain is Baked Around a Very Fine Platinum Wire with Just the Tip Brought Flush with Porcelain, Moisture, Fog or Rain Will Not Interfere with Its Operation, an Ideal Plug for Motor Boat Use.

Each
No. 38—½ in.....$1.00

Champion Mica Motorcycle.
Special Oil Resisting Construction, Absolutely Gas Tight, Unbreakable.

Each
No. 40—Metric $0.75
No. 41—⅞-18 ..... .75

Spark Plug Cores.

CHAMPION

Each
For No. 1 Champion "X" Plugs..$0.45

Each
For Nos. 20 and 21 Champion Regular Plugs $0.55

Each
For Nos. 7 and 8 Champion Two Piece Stone Plugs $0.70

Each
For No. 26 Champion Conical Plugs $0.55
For No. 29 Champion "O" Overland Plugs ..... .55
For No. 34 Champion Buick Plugs ..... .55

Spark Plugs.

L-A

L-A Standard Petticoat.

Has an Especially Long Hexagon Shell, Thereby Adapting Itself to the Ford, Overland, Reo and Other Cars Having Depressions in the Cylinder in Which the Spark Plug Screws, Petticoat Porcelain Insulator.

	Each
No. 48—½ in.	$0.75
No. 49—⅞-18	.75

L-A Buick Special.

Made Primarily for the Buick Car. Has a Conical Porcelain with Cemented-in Electrode, Extension Shell Projecting Well within the Combustion Chamber.

	Each
No. 51—⅞-18	$0.75

L-A Standard Conical.

Particularly Well Adapted to Engines Generating a Great Heat at the Cylinder Head, the Arrangement of the Electrode and Porcelain Being Such as to Diffuse this Heat Quickly, Conical Type Porcelain.

	Each
No. 53—½ in.	$0.75

L-A Standard Petticoat (Extra Long).

Same as the Standard Except that the Shell and Electrodes have an Extra ½ in. Extension for Projecting Through the Thick Cylinder Heads. Adapted for Fords, Overlands, Reos, Buicks and Other Cars Where Oil is Likely to Foul the Regular Length Plug.

	Each
No. 56—½ in.	$0.75
No. 57—⅞-18	.75

L-A Spark Plug Display Case.

An Attractive Counter Case for Displaying L-A Plugs Advantageously. Made of Birch with Mahogany Finish. Display Board is Finely Lithographed in Colors. Has a Compartment Holding 100 Spark Plugs.

	Per Assortment
No. 500—Assortment Contains 100 Assorted Spark Plugs in Display Case, as Described Below	$80.00

Contents of Assortment.

	Retail Value
19 L-A Giant Petticoat Plugs	$19.00
34 L-A Standard Petticoat Plugs	25.50
20 L-A Standard Conical Plugs.	15.00
14 L-A Extra L Petticoat Plugs	10.50
13 L-A Buick Conical Plugs...	9.75
Total Retail Value	$79.75

L-A Spark Plug Cores.

	Each
For L-A Giant Plugs	$0.70
For Nos. 48 and 49 L-A Standard Petticoat Plugs	.30
For No. 53 L-A Standard Conical Plugs	.30
For Nos. 56 and 57 L-A Standard Petticoat Plugs	.30
For No. 51 L-A Buick Special Plugs	.30

CENTER FIRE

For Magneto or Battery Ignition.

On Account of Points Being Away from the Walls of Cylinder, Carbon Troubles are Overcome and Perfect Combustion Obtained, with Porcelain Lined Body Securing Double Insulation, Preventing Short Circuits Inside of Body and Allowing Quick Cleaning as no Carbon Will Adhere to Same.

½ in. Standard.

	Each
No. 50—½ in. Point	$0.90
No. 61—¾ in. Point	.90
No. 62—1 in. Point	.90

⅞-18 Standard.

	Each
No. 65—½ in. Point	$0.90
No. 66—¾ in. Point	.90
No. 67—1 in. Point	.90

Spark Plugs.

STERLING

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 2—Sterling, Porcelain, with Screw Top.....**$0.60**
One in a Box.

STERLING

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 3—Sterling, Mica, with Screw Top.....**$0.80**
One in a Box.

FORD SPECIAL

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 400—Ford Special, ½ in. Extra Long Body, Porcelain...**$0.80**

One in a Box.

HORNET

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 6—Hornet, Porcelain, Brass Nut, Spring Steel Washer, Nickel Alloy Steel Firing Pins, Screw Top.....**$0.40**
One in a Box.

Spark Plug Wrenches.

Cast, White Nickel Finish.

Per Dozen

No. 3S—One End Fits Regular ½ in. Spark Plug, Other End Fits Any A. L. A. M. Plug with the Large Shoulder...**$3.55**

Spark Plug Sizes for all Makes of Cars.

PLEASURE CARS

Abbot-Detroit	Conical	⅞-18
Alco	Heavy Stone	⅞-18
Allen	Regular	⅞-18
Ames	Heavy Stone	⅞-18
American	Heavy Stone	⅞-18
Apperson	Conical	⅞-18
Argo	Regular	½"
Auburn	Regular	⅞-18
Austin	Heavy Stone	⅞-18
Belmont	Regular	½"
Briscoe	Regular	⅞-18
Buick	Conical	⅞-18 Long
Cadillac	Heavy Stone	⅞-18
Cartercar	Regular	⅞-18
Case	Regular	⅞-18
Chadwick	Regular	Metric
Chalmers	Heavy Stone	⅞-18
Chandler	Heavy Stone	⅞-18
Chevrolet	Conical	⅞-18 Long
Cole	Conical	⅞-18
Crawford	Regular	⅞-18
Continental	Regular	½"
Crow-Elk-Hart	Regular	⅞-18
Davis	Conical	⅞-18
Detroiter	Regular	½" Long
Dispatch	Regular	½"
Dodge	Heavy Duty.	⅞-18
Dorris	Regular	⅞-18
Empire	Regular	⅞-18
Enger	Regular	⅞-18
Fiat	Heavy Stone	⅞-18
Ford	X	½"
Franklin	Heavy Stone	⅞-18
Garford	Heavy Stone	⅞-18
Gaylord	Regular	½" Long
Glide	Conical	⅞-18
Grant	Regular	⅞-18
Great Western	Regular	½"
Havers	Regular	½"
Haynes	Conical	⅞-18
Hercules	Conical	⅞-18
Herff-Brooks	Regular	½"
Henderson	Conical	⅞-18
Hudson	Heavy Stone	⅞-18
Hupmobile	Conical	⅞-18
Imperial	Regular	⅞-18
Interstate	Regular	⅞-18
Jackson	Regular	⅞-18
Jeffery	Heavy Duty.	⅞-18
Kearnes	Regular	½"
Kearns	Heavy Stone	⅞-18
King	Heavy Duty.	⅞-18
Kissel Kar	Regular	⅞-18
Kline Kar	Conical	⅞-18
Knox	Heavy Stone	⅞-18
Krit	Regular	½"
Lenox	Regular	⅞-18
Lewis	Regular	½"
Lexington	Regular	⅞-18
Locomobile	Heavy Stone	⅞-18
Lozier	Heavy Stone	⅞-18
Luverne	Conical	⅞-18
Lyons-Knight	Heavy Stone	Metric
McFarlan	Heavy Stone	⅞-18
McIntyre	Heavy Stone	⅞-18
Marathon	Heavy Stone	½"
Marion	Heavy Stone	½" & ⅞-18
Marmon	Heavy Stone	⅞-18
Mason	Regular	½ & ⅞-18
Maxwell	Regular	⅞-18
Mercer	Heavy Stone	⅞-18
Metz	Regular	½-Ex. L.
Michigan	Regular	⅞ Long
Mitchell	Heavy Stone	½"
Moline	Heavy Stone	½"
Moon	Heavy Stone	½"
Monarch	Heavy Stone	⅞-18
National	Heavy Stone	⅞-18
Norwalk	Heavy Stone	½"
Nyberg	Regular	½"
Oakland	Regular	⅞-18
Ohio	Regular	⅞-18
Oldsmobile	Heavy Stone	⅞-18
Overland	"O"	½"
Overland "Six"	Heavy Stone	⅞-18
Packard	Heavy Stone	Metric
Paige Detroit	Regular	⅞-18
Patterson	Regular	⅞-18
Pathfinder	Heavy Stone	⅞-18
Peerless	Heavy Stone	⅞-18
Pierce Arrow	Heavy Stone	⅞-18
Pilot	Regular	⅞-18
Pope Hartford	Conical	⅞-18
Pratt Elkhart	Conical	⅞-18
Premier	Heavy Stone	⅞-18
Pullman	Conical	⅞-18
R. C. H.	Regular	½"
Rayfield	Regular	½"
Regal	Regular	½"
Reo	Regular	½"
Republic	Conical	⅞-18
Saxon	Regular	⅞-18
Scripps-Booth	Heavy Duty.	⅞-18
Selden	Conical	⅞-18
Simplex	Heavy Stone	Metric
Singer	Regular	⅞-18
Spaulding	Regular	⅞-18
Speedwell	Heavy Stone	⅞-18
Staver	Regular	⅞-18
Stearns-Knight	Heavy Stone	Metric
Stevens-Duryea	Heavy Stone	½ & ⅞-18
Stoddard-Dayton	Regular	⅞-18
Studebaker	Conical	½"
Stutz	Heavy Stone	⅞-18
Universal	Regular	½"
Velie	Heavy Stone	⅞-18
Wahl	Regular	½"
Wescott	Regular	⅞-18
White	Regular	⅞-18
Willys-Knight	Heavy Stone	⅞-18
Winton	Heavy Stone	⅞-18
Zimmerman	Conical	½"
All Foreign Cars.	Regular	Metric

Horns

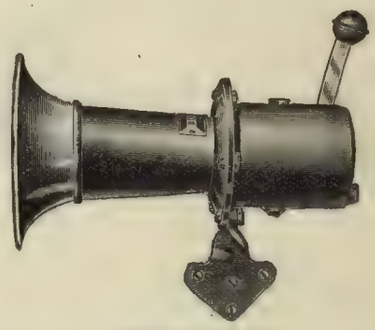
SPARTON

Hand Operated.

All Wearing Parts Hardened, with Rigid Supporting Arm for Attaching.

	Each
Model "M"—6¾ in. Long, 4⅜ in. Diameter, Round Bell, Black Body and Bracket, Nickel Plated Horn	$4.00

Weight Each About 4 Pounds.
One in a Box.



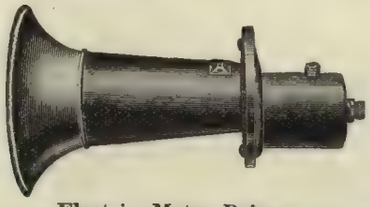
Hand Operated.

All Wearing Parts Hardened, with Rigid Supporting Arm for Attaching.

	Each
Model "F"—10¼ in. Long, 6 in. High, 4¼ in. Diameter Oval Bell, Black Body and Bracket, Nickel Plated Horn	$4.00

Weight Each About 4 Pounds.
One in a Box.

Sparton Hand Operated Safety Signal Horns are Constructed of the Highest Quality Materials. Time and Skilled Labor are devoted to the production of just the proper tone. Every Tooth on the Actuator is ground to a clean edge, every Diaphragm is Hand Hammered.



Electric, Motor Driven.

All Wearing Parts Hardened, Operated by Small Electric Motor in Body.

	Each
Model "B"—11 in. Long, 6 in. High, 4¼ in. Diameter Oval Bell, Black Body, Nickel Plated Horn, Weight Each About 5 Lbs	$ 7.00
Model "D"—14⅜ in. Long, 7½ in. High, 6¼ in. Oval Bell, Black Body, Nickel Plated Bell, Weight Each About 11 Lbs	15.00

One in a Box.

Electric, Motor Driven.

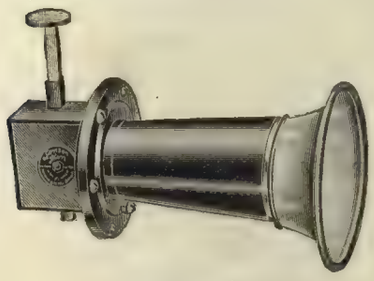
All Wearing Parts Hardened, Operated by Small Electric Motor in Body.

	Each
Model "J"—10½ in. Long, 3 in. Diameter Straight Beaded Projector, Black Finish, Weight Each About 5 Lbs	$ 6.50
Model "U"—13¼ in. Long, 4 in. Diameter Straight Beaded Projector, Black Finish, Weight Each About 10 Lbs	14.00

One in a Box.

All Models of Sparton Motor Driven Horns are much improved, as all now adjust by means of a Knurled Screw in the Rear. Adjustment is made without taking Horn Apart in any way. No Special Wrenches are required. It is also easier to get to the Commutator. Sparton Horns rip out a warning that is unmistakable a mile away or musically bugles a message near at hand.

SAMSON-LION



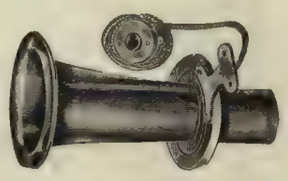
Hand Operated.

Hardened Steel Pinion and Strike Wheels, Steel Gears.

	Each
No. 45—11 in. Long Over All, Round Horn, Black Body, Nickel Plated Horn	$4.50
No. 46—Same as No. 45, but All Black Finish	4.50

Weight Each About 4 Pounds.
One in a Box.

VICTOR



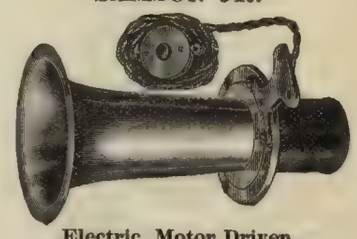
Electric Vibrator.

Operated by Small Electric Motor, Large Phosphor Bronze Bearings, Stamped Steel Strike Wheel, Imported Steel Diaphragms.

	Each
No. 16—10 in. Long Over All, Round Horn, Black Body, Nickel Plated Horn, Complete with Push Plate and 10 ft. of Duplex Cord	$4.00
No. 17—Same as No. 16, but All Black Finish	4.00

Weight Each About 4 Pounds.
One in a Box.

SAMSON JR.



Electric, Motor Driven.

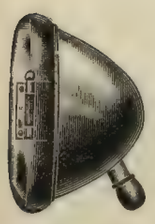
Operated by Small Electric Motor, Large Phosphor Bronze Bearings, Stamped Steel Strike Wheel, Imported Steel Diaphragms, Screw Adjustment at Rear.

	Each
No. 23—10 in. Long Over All, Round Horn, Black Body, Nickel Plated Horn, has a Pleasing Far-Reaching Mellow Tone	$10.00
No. 24—Same as No. 23, but All Black Finish	10.00

Weight Each About 4½ Pounds.
One in a Box.

Automobile Lamps

SIDE



No. 615.

No. 4½.

Electric.

Bullet Shape, Heavy Steel Stock, Black Finished Body with Nickel Plated Rim, Ediswan Bayonet Sockets and Plugs.

Per Pair

No. 615—6 in. Diameter, Focusing Socket, with Bulb, Weight Each About 4 Lbs. $6.65

No. 4½—**For Ford Cars,** 4½ in. Diameter, Otherwise Same as No. 615, Weight Each About 3 Lbs. . 4.45

One in a Box.

SPOTLIGHT

Electric.

Bullet Shape, Heavy Steel Stock, Black Enameled Body, Nickel Plated Rim, Ediswan Bayonet Sockets and Plugs.

Each

No. 616—6½ in. Diameter, True Parabolo Silver Plated Reflector, Lamp is Equipped with 15 Candle Power Bulb, Weight Each About 3¾ Lbs. $5.90

May be clamped to windshield of car or screwed to fore-door or on side of body. Light may be thrown in any direction with aid of universal bracket.

Diminishing mirror fitted in rear of handle of lamp reflects road behind in daytime.

TAIL

No. 32C.

Electric.

Heavy Steel Stock, Black Enameled, Red Convex Semaphore Glass, White Celluloid Window at Side for Illuminating License Plate, Ediswan Switch Socket, Fits Flat or Round Bracket.

Each

No. 32C —3¾ in. Diameter, with Bulb, Weight Each About 1 Lb. $1.45

No. 32CL—**Combination Tail Lamp and License Bracket,** 3¾ in. Diameter Lamp, with Bulb, 12 in. Long License Bracket with Thumb Screw for Attaching License Plate, Weight Each About 1½ Lbs. 1.75

No. 32CL.

No. 70.

Neverout Electric.

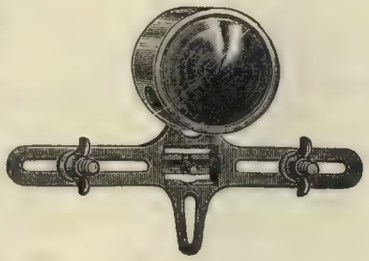
Heavy Brass Stock, Gun Metal Finish, Black Enameled Brackets, Red Convex Semaphore Glass, White Glass at Side for Illuminating License Plate, Ediswan Switch Socket, Fits Flat or Round Bracket.

Each

No. 70 —3 in. Diameter, with Tungsten Wire Drawn Bulb, Weight Each About 1¾ Lbs. $2.65

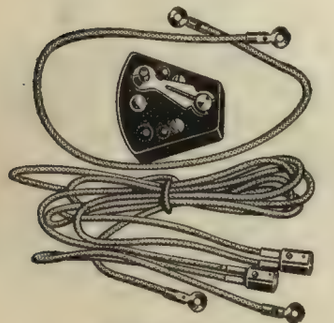
No. 52—**Combination Tail Lamp and License Bracket,** Same as No. 70, but Fitted with 10 in. Long Black Enameled License Bracket with Thumb Screws for Attaching License Plate, for **Standard Two Wire Lighting System,** Weight Each About 2 Lbs. 2.90

No. 52A—**For One Wire Lighting System,** Otherwise Same as No. 70 ..... 2.90



No. 52.

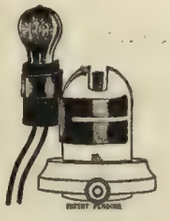
Electric Harness and Switch



For Ford Cars.

Per Set

No. 88—Consists of Wire Terminals and Switch, in Right Length to Connect Direct to Battery, Wires Equipped with Ediswan Sockets and Can be Attached to Any of Above Side Lamps $1.00



Electrifiers

For Converting Oil Lamp into Electric Lamp.

Each

Style G—⅝ in. Ediswan Socket, Fits on Burner of Oil Lamp $0.60

Trouble Finders

With 6-7 Volt Tungsten Bulb.

Each

No. 405—Double Pole, 3 in. Diameter Plated Reflector, Wood Handle, Ediswan Socket, with 10 ft. of Cord $1.50

With 6-7 Volt Tungsten Bulb.

Each

No. 408—Double Pole, Wood Handle, Ediswan Socket, Wire Guard, with 10 ft. of Cord $1.80

Mazda Bulbs.

EVER READY

For Automobile Service (Electric Lighting on Gasoline Cars).

Miniature Base.
Cut Full Size.

Candelabra
Base.
Cut Full Size.

G16½.
Type B.

G-12.
Type C.

G-10.
Type B.

G-8.
Type B.

G-6.
Type B.

Ediswan Single
Contact Base.
Cut Full Size.

Ediswan Double
Contact Base.
Cut Full Size.

Cuts Half Size.

Type "B" Vacuum Automobile Lamps.

Description	Ediswan Double Contact	Ediswan Single Contact	Candelbra Base	Approximate Candle Power	Volts	Type and Size Bulbs	Diameter Bulbs, Inches	Maximum Over All Length, Inches	Amperes	Unit Package Quantity	List Price
Rear and Speedometer Series Burning	038	0473	027	2	3-4	G-6	¾	1 8/16	.84	10	$0.21
Rear and Speedometer	031	0481	032	2	6-8	G-6	¾	1 8/16	.42	10	.21
Side	057	051	056	4	6-8	G-8	1	⅞	.84	10	.21
Side	0107	0101	0106	6	6-8	G-10	1¼	2¼	1.25	10	.24
Headlight	0149	0151	0148	12	6-8	G-12	1½	2½	2.	5	.27
Headlight	0157	0139	.....	15	6-8	G-12	1½	2½	2.5	5	.27
Headlight	0190	0189	.....	15	6-8	G-16½	2 1/16	3⅛	2.5	5	.27
Headlight	0241	0242	.....	18	6-8	G-16½	2 1/16	3⅛	3.0	5	.27
Headlight	0243	0246	.....	21	6-8	G-16½	2 1/16	3⅛	3.5	5	.30
Headlight, Ford Special	0285	.....	.....	15	9	G-16½	2 1/16	3⅛	2.0	5	.27
Headlight	0296	0297	.....	15	12-16	G-16½	2 1/16	3⅛	1.0	5	.30
Rear	0490	0491	.....	2	12-16	G-6	¾	1 8/16	.26	10	.24
Side	070	071	.....	4	12-16	G-8	1	1⅞	.42	10	.24
Headlight	0570	0571	.....	18	12-16	G-16½	2 1/16	3⅛	1.25	5	.30
Rear	0506	0507	.....	2	18-24	G-6	¾	1 8/16	.17	10	.35
Side	097	098	.....	4	18-24	G-8	1	1⅞	.26	10	.40
Headlight	0580	0581	.....	21	18-24	G-16½	2 1/16	3⅛	1.0	5	.50
Rear and Speedometer Series Burning	0483	0484	.....	2	10	G-6	¾	1 8/16	.26	10	.28

Type "C" Gas Filled Automobile Headlight Lamps.

Headlight	02100	02101	.....	12	6-8	G-8	1	1⅞	1.5	10	$0.40
Headlight	02300	02301	.....	21	6-8	G-12	1½	2½	2.5	5	.35
Headlight	02302	02303	.....	24	6-8	G-12	1½	2½	3.0	5	.50
Headlight	02400	02401	.....	36	6-8	G-16½	2 1/16	3⅛	4.0	5	.75
Headlight	02306	02308	.....	24	18-24	G-12	1½	2½	1.0	5	.75
Headlight, 2 in. Series, Ford Special	02307	.....	.....	21	9	G-12	1½	2½	2.0	5	.35
Headlight	02304	02305	.....	24	12-16	G-12	1½	2½	1.5	5	.37
Headlight	02402	02403	.....	40	12-16	G-16½	2 1/16	3⅛	2.0	5	.75

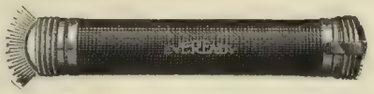
List Price on Type "C" Lamps Higher Candle Power Will be Furnished on Application.

Information Regarding Electric Vehicle Lamps Will be Furnished on Application.

Flash Lights.

EVER READY

No. 2602.



No. 2627.

Tubular Tungsten Flashlights with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

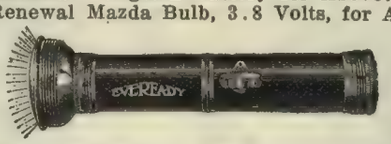
Size 1¼x5 in.	Each
No. 2602—Vulcanized Fibre Case, Complete	$1.35
Weight Each About ⅜ Pound.	
No. 791—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above	.22
Size 1½x6½ in.	**Each**
No. 2604—Vulcanized Fibre Case, Complete	$1.65
Weight Each About ¾ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulbs, 2.9 Volts, for Above	.22
Size 1½x8½ in.	**Each**
No. 2606—Leatherette Covered Case, Complete	$1.65
No. 2612—Vulcanized Fibre Case, Complete	1.90
Weight Each About ⅞ Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

Slide Switch.

Size 1½x13 in.	Each
No. 2615—Vulcanized Fibre Case, Complete	$2.95
Weight Each About 1⅜ Pounds.	
No. 715—Renewal Tungsten Battery for Above	.95
No. 1195—Renewal Mazda Bulb, 6.2 Volts, for Above	.22

Spring Switch.

Size 1½x6½ in.	Each
No. 2625—Alligator Cloth Case, Complete	$1.25
No. 2625B—Black Cloth Covered Case, Complete	1.25
Weight Each About ⅝ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22
Size 1½x8½ in.	**Each**
No. 2626—Cloth Covered Case, Complete	$1.35
No. 2627—Enameled Metal Case, Complete	1.20
Weight Each About ⅞ Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22



Miners' Tungsten Flashlights, with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

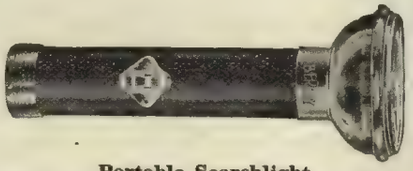
Size 1½x6½ in.	Each
No. 2616—Vulcanized Fibre Case, Complete	$2.00
Weight Each About ⅞ Pound.	
No. 790—Renewal Tungsten Battery, for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22
Size 1½x8½ in.	**Each**
No. 2619—Vulcanized Fibre Case, Complete	$2.25
Weight Each About 1 Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

Tubular Tungsten Flashlights, with Tungsten Battery and Mazda Bulb.

Spring Switch.

Size 1½x6½ in.

	Each
No. 2628—Enameled Metal, Complete, Weight Each About ⅝ Lb	$1.00
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22



Portable Searchlight.

With Powerful Parabolic Reflector, Tungsten Battery and Mazda Bulb.

Slide Switch.

Size 1½x8½ in.	Each
No. 2659—Corrugated Fibre Case, Complete, Weight Each About 1⅛ Lbs	$4.00
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

Tubular Tungsten Flashlights, with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

Size 1¼x5 in.	Each
No. 2630—Nickel Plated Brass Case, Complete	$1.70
Weight Each About ⅜ Pound.	
No. 791—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above	.22
Size 1½x6 in.	**Each**
No. 2631—Nickel Plated Brass Case, Complete	$2.00
Weight Each About ¾ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22
Size 1½x8½ in.	**Each**
No. 2632—Nickel Plated Brass Case, Complete	$2.35
Weight Each About ⅞ Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

Miners' Tungsten Flashlights, Large Lens and Reflector.

Slide Switch.

Size 1½x6½ in.

	Each
No. 2634—Nickel Plated Brass Case, Complete	$2.70
Weight Each About ⅞ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22

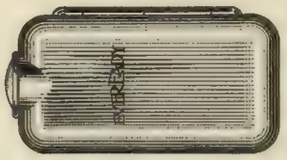
Size 1½x8½ in.

	Each
No. 2633—Nickel Plated Brass Case, Complete	$3.20
Weight Each About 1 Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

All Above, One in a Carton.

Flash Lights.

EVER READY



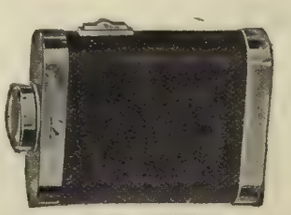
Vest Pocket Flashlight, with Tungsten Battery and Mazda Bulb.

	Each
Size ⅝x1½x2⅞ in.	
No. 6990—Nickel Plated Brass Case, Complete	$1.35
No. 700—Renewal Tungsten Battery for Above	.40
No. 1179—Renewal Mazda Bulb, 2.5 Volts, for Above	.22
Size ¾x1⅞x3¼ in.	
No. 6991—Nickel Plated Brass Case, Complete	$1.35
Weight Each About ⅜ Pound.	
No. 750—Renewal Tungsten Battery for Above	.40
No. 1180—Renewal Mazda Bulb, 2.5 Volts, for Above	.22
Size ¾x2⅜x3¼ in.	
No. 6992—Nickel Plated Brass Case, Complete	$1.70
Weight Each About ½ Pound.	
No. 751—Renewal Tungsten Battery for Above	.55
No. 1181—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

No. 6971.

Vest Pocket Flashlight with Tungsten Battery and Mazda Bulb.

	Each
Size 11/16x1¼x2½ in.	
No. 6970—Brass Case, Nickel Plated, Complete	$1.20
Weight Each About ¼ Pound.	
No. 700—Renewal Tungsten Battery for Above	.40
No. 1179—Renewal Mazda Bulb, 2.5 Volts, for Above.	.22
Size ¾x1⅜x2⅞ in.	
No. 6971—Brass Case, Nickel Plated, Complete	$1.20
Weight Each About ¼ Pound.	
No. 750—Renewal Tungsten Battery for Above	.40
No. 1180—Renewal Mazda Bulb, 2.5 Volts, for Above.	.22
Size ¾x2x2⅞ in.	
No. 6972—Brass Case, Nickel Plated, Complete	$1.50
Weight Each About ⅜ Pound.	
No. 751—Renewal Tungsten Battery for Above	.55
No. 1181—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22



No. 6909.

Vest Pocket and Coat Pocket Flashlights, with Tungsten Battery and Mazda Bulbs.

	Each
Size 1x1⅞x3½ in.	
No. 6902—2½ Volt Lamp, Cloth Covered Case, Complete	$1.35
Weight Each About ⅜ Pound.	
No. 792—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above.	.22
Size 1x2¾x3½ in.	
No. 6900—3½ Volt Lamp, Vulcanized Fibre Case, Complete	$2.00
Weight Each About ½ Pound.	
No. 703—Renewal Tungsten Battery for Above	.55
No. 1190—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22
Size 1⅛x2¼x5 in.	
No. 1991—2½ Volt Lamp, Cloth Covered Case, Complete	$1.70
Weight Each About ⅝ Pound.	
No. 793—Renewal Tungsten Battery for Above	.50
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above.	.22

All Above, One in a Carton.

Flash Light Batteries.

THREE CRESCENT

	Each
No. 803— ⅞x2 7/16x2⅝ in	$0.40
No. 805—1⅜x7 in	.40
No. 850— 11/16x1 1/16x2¼ in.	.35
No. 851— 11/16x2x2¼ in	.40
No. 890—1⅜x4¾ in	.26
No. 891—1 x3¾ in	.26
No. 892— 13/16x1⅝x2½ in	.35

Flash Lights

EVER READY

FOUNTAIN PEN

With Tungsten Battery and Mazda Bulb.

Just Like a Fountain Pen in Size and Appearance, Silver Plated Reflector, with Clip, Slide Switch.

	Each
No. 2681—Black Enameled Case, Complete	**$1.35**
No. 2682—Nickel Plated Case, Complete	**1.35**
No. 706—Renewal Tungsten Battery for Above	**.35**
No. 1179—Renewal Mazda Bulb, for Above	**.22**

PISTOL

With Tungsten Battery and Mazda Bulb.

	Each
No. 2675—3x3⅝ in. Over All, Two Piece Metal Case, Gun Metal Finish, Butt is Hinged at Bottom, Contact is Made by Pulling Trigger	**$2.00**

To Open the Case for Insertion or Withdrawal of Battery or Lamp, the Sight Must be Depressed, which Releases a Catch on the Interior of the Barrel.

	Each
No. 750—Renewal Battery for Above	**$0.40**
No. 1180—Mazda Bulb for Above	**.22**

One in a Box.

PORTABLE LANTERN

Retinned.

	Each
No. 4709—9½ in. High Ball Down, 5 in. Diameter Base or Battery Container, Standard Junior Globe, Large Bail Handle for Carrying Over the Arm, Slide Switch, with Tungsten Battery and Mazda Bulb	**$3.15**
No. 734—Renewal Tungsten Battery, for Above	**.60**
No. 1199—Renewal Mazda Bulb, for Above	**.22**

Electric Hand Lamps

DAD'S

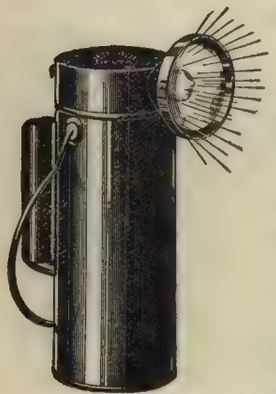
No. 5.

Without Batteries.

	Each
No. 5—7½ in. High, 5¼ in. Wide, 2¾ in. Deep, Heavy Reinforced Steel Case, Red Enameled with Black Trimmings, Edison Mazda Tipless Bulb with Tungsten Filament, 3 in. Polished Optical Glass Lens, Solid Aluminum Reflector, Solid Brass Nickel Plated Push Button Switch, Removable Lens Cap, Formed Handle, Removable Wire Bail, for Two Dry Batteries	**$3.10**
Extra Lenses—For No. 5 Dad's Electric Hand Lamp	**.60**
Extra Bulbs—For No. 5 Dad's Electric Hand Lamp	**.50**

DELTA

Without Battery.



No. 7.

	Each
No. 7—8½ in. High, Cold Rolled Steel Case, High Gloss Baked Enamel Finish, Special Tungsten Wire Bulb of About 2 Candle Power, French Mirror Reflector, 2 in. Imported Ground and Polished Lens, Push Thumb Switch, Formed Handle, Wire Bail, Weight Each About 1¼ Lbs.	**$1.70**
Extra Bulbs—For No. 7 Delta Electric Hand Lamps	**.26**

VACO LITE

Without Battery.

No. 10.

	Each
No. 10—8 in. High, Cold Rolled Steel Case, High Gloss Baked Black Enamel Finish, Special Wire Bulb, 2.8 Volts, Parabola Reflector, Heavily Silver Plated and Finely Finished, 2½ in. Ground and Polished Lens, Push Thumb Switch, Square Wire Bail and Steel Back Handle, for Round or Square Battery. Weight Each About 3¼ Pounds.	**$1.45**
Extra Bulbs—For No. 10 Vaco Lite Electric Hand Lamp	**.40**

These Lamps use one ordinary Dry Battery such as is used for Autos, Gas Engines, Door Bells, Telephones, etc. Batteries discarded for use on Autos and Engines will often run the light for months. Suitable for Continuous or Intermittent Burning.

One in a Carton, 12 Cartons in a Case.

Automobile Fuses

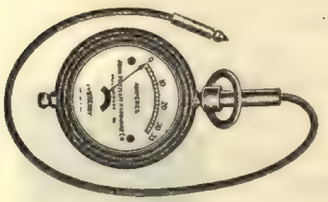
Designed to protect the delicate apparatus used in connection with automobile lighting systems from injury due to Overload or short circuits. Intended for use on circuits up to and including 50 volts and are made in capacities ranging from 0 to 20 amperes.

Name of Car.	Model	Fuse No.
Allen	1914	2594
Allen	1915	2594–2589
Allen	1916	2594–2589
Apperson	1915	2725
Auburn	1915	2594
Arbenz	1915	2509
Arbenz	1916	2509
Bartholomew	1915	2594
Bartholomew	1916	2594
Briggs-Detroiter	1915	2594
Cadillac	1912	2514
Cadillac	1913	2613
Cunningham	1914	2514
Cunningham	1915	2594
Cunningham	1916	2594
Chadwick	1914	2505–2594
Chadwick	1915	2589–2594
Chadwick	1916	2589–2594
Corbitt	1915	2725
Corbitt	1916	2725
Crawford	1915	2589–2594
Crawford	1916	2589–2594
Chandler	1914	2589–2594
Chandler	1915	2710
Chandler	1916	2710
Chalmers	26-B	2612
Chalmers	26-C	2612
Chalmers	29	2612
Chalmers	32	2709
Chalmers	32-B	2709
Chalmers	24	2611
Chevrolet	1915	2612
Case	1915	2589–2594
Case	1916	2589–2594
Cole	1913	2514
Cole	1914	2514
Davis	38 A & B	2594
Dispatch	1914	2511
Doris	1913	2611
Doris	1914	2611
Doris	1915	2611
Doris	1916	2611
Dodge	1915	2509
Dodge	1916	2509
Dort	1915	2707
Dort	1916	2707
Empire	1914	2720–2724
Fiat	1914	2589–2594
Fiat	1915	2588–2614
Fiat	1916	2588–2614
Franklin	1914	2724
Franklin	1915	2724
Franklin	1916	2724
Hudson	1914	2514
Hupmobile	1914	2589–2594
Hupmobile	1915	2514
Hupmobile	1916	2509
Hupmobile	N	2722–2719
Jeffery	"Chesterfield"	2509
Jeffery	1913	2589–2594
Jeffery	1914	2589–2594
Jeffery	1915	2509–2514
Jeffery	1916	2722
Jackson	1916	2710
Kissel	1914	2514
Kline	1915	2589–2594
Knox	1914	2509
Lexington	1914	2722
Lexington	1915	2589–2594
Lexington	1916	2589–2594
Lyons-Atlas	1915	2722
Lyons-Atlas	1916	2722
Locomobile	1914	2614
Locomobile	1915	2594
Locomobile	1916	2592
Lozier	1914	2609
L. C. E.	1914	2514
Marion	1914	2589–2594
Metz	1914	2707
Metz	1915	2710
Metz	1916	2710
Maxwell	1914	2725
Maxwell	1915	2725
Maxwell	1916	2725
Marmon	1914	2725
Marmon	1915	2725
Marmon	1916	2725
Mercer	1914	2588
Mercer	1915	2720–2612–2614
Mitchell	1914	2724
Mitchell	1915	2509
Mitchell	1916	2709
Moline	1914	2511
Moline	1915 "40"	2709
Moline	1915 "50"	2594
National	1914	2514
National	1915	2724
Norwalk	1914	2594
Norwalk	1915	2594
Overland	1914	2612
Overland	1915	2710
Overland	1916	2710
Packard	1914	2717–2722–2719
Packard	1915	2717–2722–2719
Packard	1916	2717–2722–2719
Paige-Detroit	1914	2710
Paige-Detroit	1915	2710
Paige-Detroit	1916	2710
Peerless	1914	2726
Peerless	1915	2709–2614
Peerless	1916	2709–2614
Pathfinder	1915	2611
Pathfinder	1916	2611
Pierce-Arrow	1914	2589–2592–2597
Pierce-Arrow	1915	2589–2592–2597
Pierce-Arrow	1916	2589–2592–2597
Pope-Hartford	1914	2509
Premier	1914	2509
Premier	1915	2722
Premier	1916	2722
Regal	1914	2588
Regal	1915	2588
Reo	1914	2507–2514
Spaulding	1915	2585–2586–2587
Spaulding	1916	2585–2586–2587
Singer	1915	2589–2594
Stearns	1915	2710
Stearns	1916	2710
Staver	1914	2514
Speedwell	1914	2514
Speedwell	1915	2514
Stevens-Duryea	1914	2597
Stevens-Duryea	1915	2594
Studebaker	1914	2514
Studebaker	1915	2724
Studebaker	1916	2722
Saxon	1915	2594–2597
Saxon	1916	2594–2597
Velie	1914	2710
Velie	1915	2710
Velie	1916	2710
Winton	1915	2588–2592
Winton	1916	2588–2592
Willys-Knight	1915	2609
White	1914	2509
ELECTRIC VEHICLES.		
Anderson		2611
Argo		2588
Borland		2589
Broc		2589
Baker		2592
Bailey		2609
Century		2609
Chicago		2594
Detroit	1914	2611
Detroit	1915	2594
Daton		2610
G. V. C.		2604
Grinnell		2611
Ohio		2611
Standard		2611
Waverly		2514
Woods		2589

	Fibre		Glass				
Fuse Nos.	**2611**	**2612**	**2589**	**2722**	**2514**	**2594**	**2710**
Amperes	15	20	9	10	15	15	20
Each	**$0.25**	.25	.13	.07	.20	.13	.07

We Can Furnish Fuses for Any Car when Name and Model is Given.

Pocket Ammeters



No. 1002.

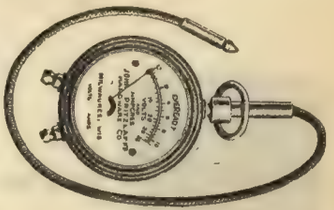
Each

No. 1002—2 in. Diameter, ½ in. Thick, Range of Ammeter is 0 to 35 Amperes, Nickel Plated, Hardened and Polished Pivots, Flexible Cord Attached to Upper Contact.....**$1.40**
Weight Each About ½ Pound.
One in a Carton.

Each

No. 1003—2 in. Diameter, ½ in. Thick, Range of Volt-Ammeter is 0 to 35 Amperes and 0 to 10 Volts, Nickel Plated, Hardened and Polished Pivots, Flexible Cord Attached to Upper Contact **$1.70**
Weight Each About ½ Pound.
One in a Carton.

Pocket Volt Ammeters



No. 1003.

Battery and Bulb Testers

EVER READY

No. 6291.

Each

No. 6291—5 in. Diameter, for Testing Flashlight Bulbs and Batteries, with 4 Pieces of 11 in. Wire Cord.....**$1.00**
Weight Each About 1 Pound.

Insulated Wire

No. 18.

Per Pound

No. 18—In 1 Lb. Coils.....**$0.80**
No. 18—On 6 to 8 Lb. Spools.....**.78**

Battery Connectors.

QUICK ACTION

Per 100

No. 1—⅜x4 in., Soft Copper, Insulated, Open Ends.....$1.75

Weight Per 100, ¾ Pound.
100 in a Box.

PERFECTION

Per 100

No. 25—5¼ in. Long, Brass Spring End Clips.....$4.50

Weight Per Box 2 Pounds.
100 in a Box.

BULL DOG

Per Box

No. 1026—4¼ in. Long, Extra Heavy, Brass Spring End Clips.....$0.80

10 in a Box. Weight Per Box ⅛ Pound.

To attach, take off the screws of the binding posts and slip the connection over. This cannot jar loose, yet can be changed in an instant.

Dry Batteries.

No. 2460.

EVEREADY

Each

No. 2460—2½x6¾ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, and All Work Requiring High Amperage, Amperage About 20, Voltage 1.5, Weight Each About 2¼ Pounds.
In Lots Less than 12.....$....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....

No. 2465—2½x6¾ in., Square, for Automobile, Motor Boat and Gas Engine Ignition, and All Work Requiring High Amperage, Amperage About 20, Voltage 1.5, Weight Each About 2¼ Pounds.
In Lots Less than 12.....$....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....
50 in a Keg, 125 in a Barrel.

No. 2465.

RED SEAL

Each

No. 2445—2½x6¾ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 2 Pounds.
In Lots Less than 12.....$....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....
50 in a Keg, 125 in a Barrel.

No. 2445.

Each

No. 2446—3x7½ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 3¾ Lbs.....$....
In Barrel Lots of 50.....
50 in a Barrel.

Each

No. 2447—3½x8½ in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 5 Lbs.....$....
In Barrel Lots of 50.....
50 in a Barrel.

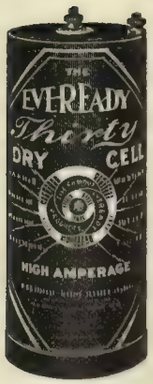
Each

No. 2448—2½x6¾ in., Square, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 2 Pounds.
In Lots Less than 12.....$....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....
50 in a Keg, 125 in a Barrel.

No. 2448.

Dry Batteries

EVER READY



No. 436.

Each

No. 436 —2½x6 in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 20, Voltage 1.5, Weight Each About 2¼ Lbs.

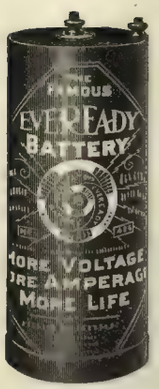
In Lots Less than 12.....$.....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....

No. 436/S—2½x6 in., Square, for Automobile, Motor Boat and Gas Engine Ignition, and All Work Requiring High Amperage, Amperage About 20, Voltage 1.5, Weight Each About 2¼ Lbs.

In Lots Less than 12.....$.....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....

50 in a Keg, 125 in a Barrel.

No. 436/S.



No. 406.

Each

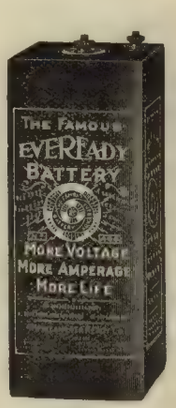
No. 406 —2½x6 in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 22 to 25, Voltage 1.6, Weight Each About 2 Lbs.

In Lots Less than 12.....$.....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....

No. 406/S—2½x6 in., Square, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 22 to 25, Voltage 1.6, Weight Each About 2 Lbs.

In Lots Less than 12.....$.....
In Lots 12 to 49.....
In Keg Lots of 50.....
In Barrel Lots of 125.....

50 in a Keg, 125 in a Barrel.



No. 406/S.

Each

No. 407—3x7 in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 27 to 30, Voltage 1.6, Weight Each About 3¾ Lbs.

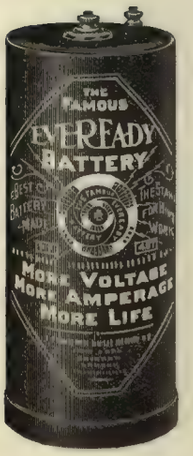
In Lots Less than 6.....$.....
In Lots 6 to 11.....
In Lots 12 to 24.....
In Lots 24 to 74.....
In Barrel Lots of 75.....

75 in a Barrel.

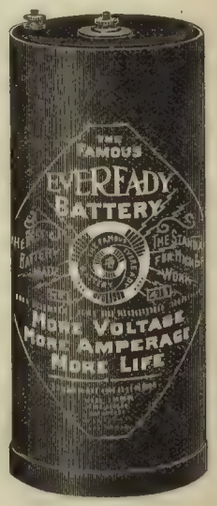
No. 413—3½x8 in., Round, for Automobile, Motor Boat and Gas Engine Ignition, Amperage About 30 to 35, Voltage 1.6, Weight Each About 5 Lbs.

In Lots Less than 6.....$.....
In Lots 6 to 11.....
In Lots 12 to 24.....
In Lots 24 to 49.....
In Barrel Lots of 50.....

75 in a Barrel.



No. 407.



No. 413.

Storage Batteries

RADIUM

For Starting, Lighting and Ignition.

The case containing the jars is hardwood, ¾ and ⅞ in. thick, boiled in paraffine and tarred to withstand the action of the solution and the gases. Jars are made of the best grade hard rubber, ⅛ in. stock. Staggered design plates, allowing free expansion and contraction. Separators are of the most approved type, allowing free circulation of the fluid. Top connections and plates are cast in one piece out of chemically pure lead, specially prepared for battery use and for this reason there is no corrosion to short circuit the battery or cause trouble. The connections are also brought out to the top so that the individual cells can be tested when desired. The two terminal nuts are hard rubber, ¾ in. diameter, large enough so that they can be fastened down by hand without the use of pliers. Handles are of the sliding type and can be pushed out of the way when not wanted.

Nos.	R5	R7	R9	R11	R13	R15
Length, Inches	9	10¾	13	14¾	16½	18¼
Height, Inches	9	9	9	9	9	9
Width, Inches	7¾	7¾	7¾	7¾	7¾	7¾
No. of Volts	6	6	6	6	6	6
Amperes	70	100	125	150	175	200
No. of Plates Per Cell	5	7	9	11	13	15
Approximate Weight Each, Lbs	24	34	50	65	74	80
Each	$20.00	24.00	28.00	32.00	36.00	40.00

Price List of Parts for Above

Battery Nos.	R5	R7	R9	R11	R13	R15
Jars ..... Each,	$1.00	1.15	1.20	1.25	1.40	1.55
Positive Plates ..... Per Set,	2.25	3.50	4.50	5.50	6.50	7.50
Negative Plates ..... Per Set,	3.50	4.75	5.75	6.75	8.00	9.00
Individual Plates ..... Each,	1.00	1.00	1.00	1.00	1.00	1.00
Separators ..... Each,	.05	.05	.05	.05	.05	.05
Top Nuts ..... Each,	.10	.10	.10	.10	.10	.10

MASCO

For Lighting and Ignition.

The Plates are Hard and Porous, Non-Sulphating, with Large Non-Corroding Terminals, the Cells Either Glass or Rubber, Encased in Hardwood Box, Chemically Treated to Withstand the Action of the Acid.

Nos.	M1	M2	M3	M4	M5	M6	M7	M8
Length, Inches	6	6	7	7	8½	8½	10½	10½
Height, Inches	8½	8½	8½	8½	8½	8½	8½	8½
Width, Inches	5	5	5	5	5	5	5	5
No. of Volts	4	4	4	4	6	6	6	6
Amperes	50–60	50–60	70–80	90–100	50–60	50–60	70–80	90–100
Kind of Jars	Glass	Rubber	Rubber	Rubber	Glass	Rubber	Rubber	Rubber
No. Plates Per Cell	5	5	7	9	5	5	7	9
App. Wt. Ea., Lbs.	16	15	22	26	24	24	33	39
Each	$7.50	9.00	12.00	14.00	10.00	12.50	15.00	19.00

Battery Syringe Hydrometers

For Testing Strength of Storage Batteries.

Each

No. 17—10½ in. Long Over All, Red Rubber Bulb and Base, Glass Center, 4¾ in. Inside Hydrometer with Specific Gravity Readings from 1100 to 1300, Shot Weighted $1.10

To take a gravity reading squeeze the rubber bulb and insert the tip of syringe into the cell. Release pressure on the bulb until enough acid has been drawn up into the tube to freely float the hydrometer. The mark on the hydrometer which is in line with the surface of the liquid is the specific gravity reading.

One in a Box, Complete with Directions.

Acetylene Lamp Burners

Busterer, Lava.

For All Sizes Gas Lamps.

Per Dozen

No. 90—Standard ⅝ and 1 ft. $1.10

One Dozen in a Box.

Alco, Imported Lava.

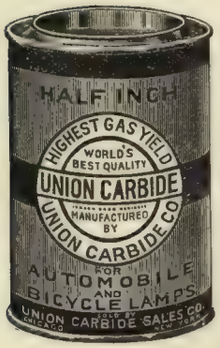
For All Sizes Gas Lamps.

Per Dozen

No. 100—Standard ¾ ft. $3.00

One Dozen in a Box.

Calcium Carbide.



Specially Prepared for Acetylene Gas Automobile and Bicycle Lamps.

Per Dozen Cans

Calcium Carbide—Size ½ in., in 2 Lb. Cans.....**$4.50**

Per Case

Calcium Carbide—Size ½ in., in 2 Lb. Cans, in Case Lots (24 Cans)....**$8.00**

Per Can

Calcium Carbide—Size ½ in. and 1 in., in 10 Lb. Cans.....**$1.56**

For Automobile Lamps.

Per Case

Calcium Carbide—Auto Brand, Size ½ and 1 in., in Case Lots, Six 10 Lb. Cans.....**$8.70**

Per Drum

Calcium Carbide—Union Automobile Carbide, in 100 Lb. Drums, for Generators.....**$8.90**

For Miners' Lamps.

Per Case

Calcium Carbide—Miners' Lamp Carbide, in 2 Lb. Cans, 24 Cans in a Case.....**$8.00**

Per Can

Calcium Carbide—Miners' Lamp Carbide, in 10 Lb. Cans.....**$1.56**

Fire Extinguishers.

Included in the List of Approved Fire Appliances Issued by the National Board of Fire Underwriters.

PYRENE

Will put out every kind of a fire in its incipient state, no matter how it starts or what is burning. Operated by pumping handle.

Each

No. 1—Brass, 14 in. Long, 3 in. Diameter, Weight Filled Ready for Use 6 Lbs.....**$12.50**

No. 2—Nickel Plated, 14 in. Long, 3 in. Diameter, Weight Filled Ready for Use 6 Lbs.....**14.25**

J. M.

Simple and reliable, no pumping while aiming, which leaves both hands free to direct stream. Combines advantages of both pump and air compression type of extinguishers.

Each

No. 800—14½ in. Long, 3 in. Diameter, Heavy Brass Tubing, Nickel Plated with Black Enameled Bracket Complete with Screws for Fastening to Wall or Attaching to Automobile or Motor Boat, Weight Each Filled Ready for Use 7 Lbs.....**$13.35**

EVERKEEN

Constructed from best grade of copper and lined with non-corrosive metal, polished copper finish. Furnished complete with hook for hanging and chemical charge. Throws a stream of chemical 50 feet when tipped over.

Each

No. 50—23½ in. High, 7 in. Diameter, Tested to 350 Lbs. Pressure, Are Ready for Use After Being Filled with Water, Weight Each Empty 17 Lbs.....**$20.35**

Dry Fire Extinguishers.

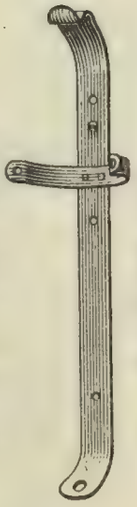
MITCHELL

Consists of a metallic tube, filled with a dry chemical powder having the power of liberating an enormous quantity of Carbon Di-Oxide Gas when subjected to heat. Opening in tube is closed with a friction cap fitted with a ring for hanging. When suspended from hook, a downward jerk is sufficient to pull out cap, which makes extinguisher ready for use.

Per Dozen

No. 55—22 in. Long, 2 in. Diameter, Weight Each About 4 Lbs..**$16.65**

Fire Extinguisher Brackets.



WALL

For Use on Wall with Pyrene Fire Extinguishers.

Each

No. 10—Black Enameled.....**$0.45**

No. 11—Brass Plated.....**.90**

No. 12—Nickel Plated.....**1.35**

VEHICLE

For Use on Motor Cars or Other Vehicles with Pyrene Fire Extinguishers.

Each

No. 20—Black Enameled.....**$0.90**

No. 21—Brass.....**1.35**

No. 22—Nickel Plated.....**1.80**

Fire Extinguisher Liquid.

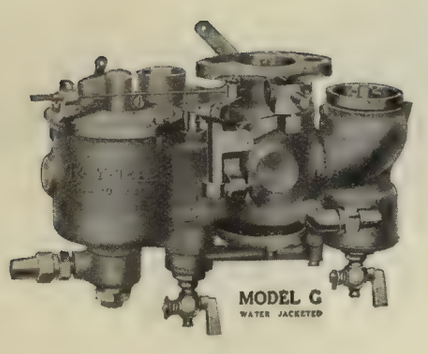
PYRENE

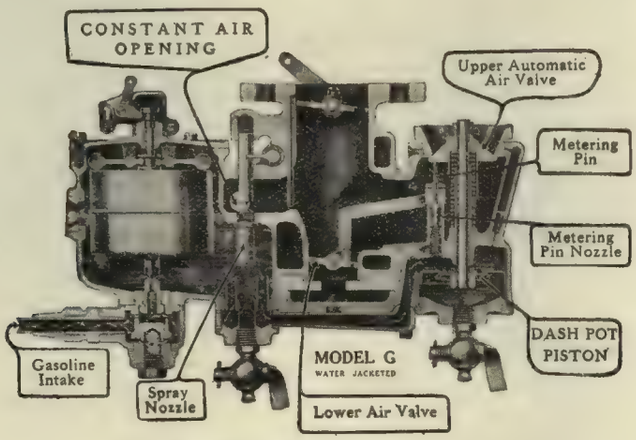
Per Can

One Quart Cans—20 Cans in a Case.....**$1.80**
Half Gallon Cans— 8 Cans in a Crate.....**4.00**
One Gallon Cans— 4 Cans in a Crate.....**7.10**

Carburetors

RAYFIELD





Sectional View of Model "G."

Model "G," Water Jacketed.

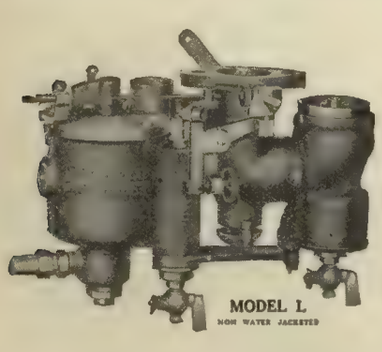
Cast Bronze Case, All Working Parts Polished Brass, with Dash or Steering Post Control.

The Model "G," like all Rayfield Carburetors, is constructed along characteristic lines. It is like no other carburetor in design, construction, operation or results. There are but two simple and easy adjustments—one for low and the other for high speed—both controlling the supply of gasoline.

There are three air intakes: The constant, or fixed air opening, and two automatically controlled air valves. These air valves are inter-connected and operate together in accordance with the suction of the motor.

Fuel is supplied through two nozzles. One supplies all the gasoline required when motor is idling. The additional gasoline required for higher speeds is furnished by a nozzle which is controlled by a tapered metering pin located under the automatic air valve. As the air valve is drawn open, admitting more air, it operates the metering pin, which gradually opens the nozzle, supplying additional gasoline in correct proportion to the air. A piston attached to the upper automatic air valve operates in a cylinder of gasoline, which offers resistance to the piston; thus preventing fluttering of air valves and creating a strong suction on both nozzles when throttle is opened suddenly; and also forces gasoline through the metering pin. These features, combined, give a remarkably fast getaway.

	Each
Model G3 —For 1¼ in. Standard Pipe, Weight Each About 10 Lbs.	$30.00
Model GL2A—Special Assembly Complete with Fittings for Model D45, 1916 Buick "Little Six"	27.35
Model GL3A—Special Assembly Complete with Fittings for Model D55, 1916 Buick "Big Six"	32.60



Model "L," Non-Water Jacketed.

With Dash or Steering Post Control.

The Model "L" Rayfield is a non-water-jacketed carburetor of the same design, construction and operation as the Model "G." It should be used only on Thermo-Syphon and air-cooled motors, and where the water-jacketed carburetor cannot be used.

Heat must be applied to the carburetor to properly vaporize the low grade fuel now used.

The Rayfield Hot Air Outfit consists of a stove or housing, which is clamped around the exhaust manifold or pipe, and the heat is transferred by means of flexible tubing attached to the fixed air intake. The use of a hot air outfit is recommended in connection with all Rayfield Carburetors, but particularly when a non-water-jacketed carburetor is used. The hot air outfit is sold separate. See page 1930.

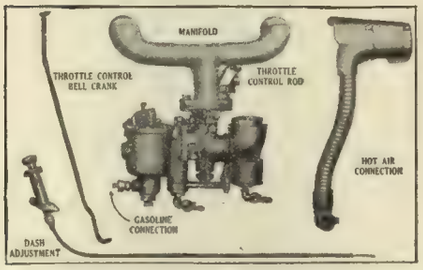
	Each
Model "L2"—For 1 in. Standard Pipe, Weight Each About 9 Lbs.	$20.00

DASH OR STEERING POST CONTROL

A Dash or Steering Post Control is furnished with all Rayfield Carburetors. This control raises the low speed adjusting needle, supplying a richer mixture for starting purposes, and to take care of cold motor and cold weather conditions.

Carburetors.

RAYFIELD FORD ASSEMBLY



For Ford Cars.

The complete Ford Assembly, as shown in illustration, consists of an 1 in. Model L Non-Water Jacketed Carburetor, a Specially Designed Ford Manifold, Hot Air Fitting, Throttle Control Bell Crank, Throttle Control Rod, Special Gasoline Connection and a Dash Adjustment.

Each

Model AL2—Complete Assembly for Ford Car, Packed One in a Box, Complete with All Fittings Necessary for Installation $23.00

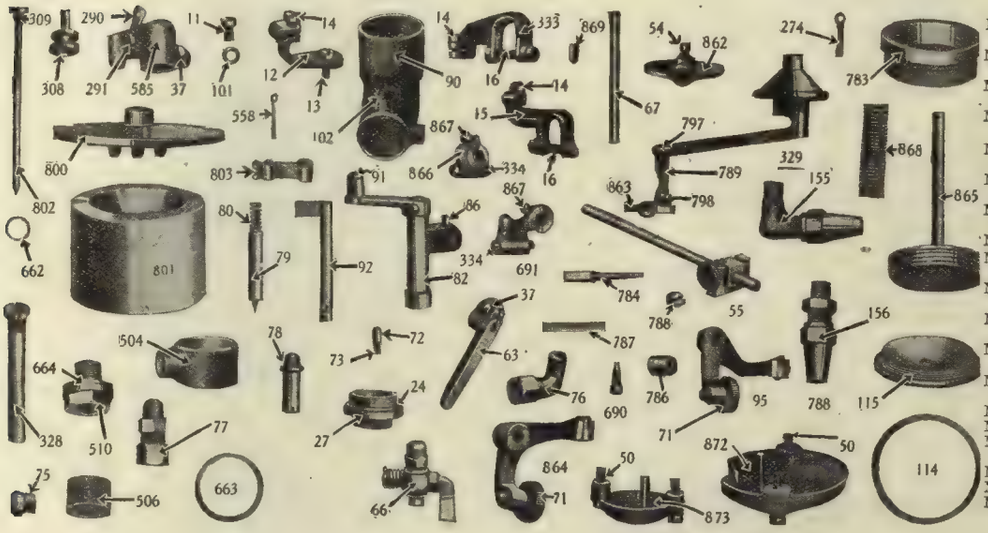
This Assembly is made to supply the great demand for Rayfield Carburetor equipment on Model "T" Ford Cars. A Rayfield Carburetor on a Ford Car assures greater efficiency in the production of more power, more speed, greater flexibility, easier starting, and less carbon.

With Rayfield equipment, a Ford starts easily in cold weather, develops greater speed, throttles down to a walk, climbs hills with ease and the gasoline consumption is reduced to a minimum.

It can be installed in two hours by an ordinary mechanic.

RAYFIELD CARBURETOR PARTS

For Models G3, GL2A, GL3A, L2 and AL2.



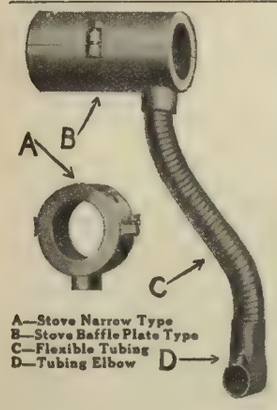
	Each
No. 11—Float Chamber Cover Screw	$0.05
No. 12—Float Chamber Tubing Holder	.15
No. 13—Float Chamber Tubing Holder Retaining Screw	.05
No. 14—Float Chamber Tubing Holder Binding Screw.	.05
No. 14—Cam Shaft Tubing Holder Binding Screw.	.05
No. 15—Cam Shaft Tubing Holder	.15
No. 16—Cam Shaft Tubing Holder Retaining Screw	.05
No. 24—Drain Plug Gasket	.05
No. 27—Drain Plug for Float Chamber	.35
No. 37—Priming Cap Retaining Screw	.05
No. 37—Throttle Lever Retaining Screw	.05
No. 50—Flushing Pan Retaining Screw	.05
No. 54—Throttle Butterfly Valve Retaining Screw	.05
No. 55—Camshaft (Assembly).	2.00
No. 63—Throttle Lever	.15
No. 66—Drain Cock for Float Chamber	.30
No. 66—Dash Pot Drain Cock.	.30
No. 67—Air Valve Shaft	.10
No. 71—Low Speed Adjusting Screw	.25

	Each
No. 72—Low Speed Adjustment Retaining Pawl	$0.05
No. 72—Priming Cap Lever Pawl	.05
No. 73—Low Speed Adjustment Retaining Pawl Spring	.05
No. 73—Priming Cap Lever Pawl Spring	.05
No. 73—Stop Arm Pawl Spring	.05
No. 75—Water Plug (⅛ in. Pipe Thread)	.10
No. 75—Drain Plug for Strainer	.10
No. 76—Elbow Water Unions, Specify Tubing Size	.25
No. 76—Gasoline Inlet Elbow, Specify Tubing Size	.25
No. 77—Straight Water Union	.25
No. 78—Spray Nozzle (Specify Size of Drill)	.20
No. 79—Spray Nozzle Needle Valve	.25
No. 80—Spray Nozzle Needle Valve Spring	.10
No. 82—Eccentric Shaft Arm Bearing (Assembly)	1.00
No. 86—Eccentric Shaft Arm Bearing Taper Pin	.05
No. 90—Constant Air Elbow	.40
No. 91—Dash Adjusting Arm Binding Post Screw	.05
No. 92—Needle Lifter (Assembly)	.20
No. 95—Needle Valve Arm (Assembly)	1.00
No. 101—Float Chamber Screw Lock Washer	.05
No. 102—Retaining Screw for Constant Air Elbow	.05
No. 114—Dash Pot Cover Gasket	.10
No. 115—Dash Pot Cover	.35
No. 155—Elbow Water Union S. A. E. (Specify Tubing Size).	.35
No. 156—Straight Water Union S. A. E. (Specify Tubing Size)	.35
No. 274—Air Valve Cone Cotter Pin	.05
No. 290—Priming Cap Lever	.10
No. 291—Priming Lever Pivot Screw	.05
No. 308—Gasoline Inlet Needle Sleeve	.25
No. 309—Gasoline Inlet Needle Cap	.10
No. 328—Gasoline Inlet Needle Seat	.40
No. 329—Air Valve Cone Assembly	.80
No. 333—Cam Shaft Tubing Holder	.15

	Each
No. 334—Stop Arm Screw	$0.05
No. 504—Strainer Body (Specify Size of Gasoline Conn.)	.45
No. 506—Strainer Gauze Assembled	.15
No. 510—Strainer Retaining Plug	.40
No. 558—Fulcrum Lever Pin	.05
No. 585—Priming Cap (Assembly)	.50
No. 662—Inlet Needle Seat Gasket	.05
No. 663—Strainer Body Gasket	.10
No. 664—Strainer Retaining Plug Gasket	.10
No. 690—Dash Pot Body Retaining Screw	.05
No. 691—Stop Arm Assembly	.25
No. 783—Air Valve Nut	.40
No. 784—Meter Pin (Specify Size)	.25
No. 786—Meter Pin Tube Spray Cap	.10
No. 787—Meter Pin Spring	.10
No. 788—Meter Pin Spring Retaining Plug	.10
No. 789—Valve Link	.10
No. 797—Valve Link Pin (Upper)	.05
No. 798—Valve Link Pin (Lower)	.05
No. 800—Float Cover	.60
No. 801—Float	.50
No. 802—Gasoline Inlet Needle Valve	.25
No. 803—Fulcrum Lever Per Pair,	.25
No. 862—Throttle Butterfly Valve	.25
No. 863—Lower Butterfly Valve (Specify Size)	.25
No. 864—Needle Valve Arm Assembly (Raised Throttle)	1.00
No. 865—Dash Pot Piston Assembly	1.00
No. 866—Stop Arm Assembly (Raised Throttle)	.25
No. 867—Stop Arm Retaining Screw	.05
No. 868—Automatic Air Valve Spring (Dash Pot)	.10
No. 869—Stop Arm Pawl	.05
No. 872—Flushing Pan (Model G)	.25
No. 873—Flushing Pan (Model L)	.25

Important—When ordering parts always order by part number, name, and model of Carburetor, and **Also State** Name, Model and year of car on which it is used.

To Avoid Mistakes select part required by number from illustration above. The same number, name of part, and price are shown above.



A—Stove Narrow Type
B—Stove Baffle Plate Type
C—Flexible Tubing
D—Tubing Elbow

Carburetor Stoves.

FOR HEATING RAYFIELD CARBURETORS

To be Attached to Exhaust Pipe.

Baffle-Plate Stoves.

	Each
No. 99F—6 in. Long, Can be Bored from 1½ to 2¾ in.	$1.65
No. 134F—6 in. Long, Can be Bored from 2½ to 3¼ in.	2.30
No. 141F—4 in. Long, Can be Bored from 2¼ to 2¾ in.	1.75
No. 151F—4 in. Long, Can be Bored from 1¾ to 2¼ in.	1.30

Narrow Type Stoves.

	Each
No. 54F—Can be Bored from 1¾ to 2¾ in.	$1.00
No. 68F—Can be Bored from 2½ to 3⅝ in.	1.10

Piston Rings.

BURD HIGH COMPRESSION

Each Ring Cast Singly of Best Quality Gray Iron.

Skin of Casting is Left on Inside as a B inder and to Insure Resiliency. A Metal Guard Closes the Opening in the Rings without Use of Springs and Makes Rings Leak Proof.

	Each
Diameter 2½ in. and Under	$1.00
Diameter 3½ in. and Under to 2½ in.	1.25
Diameter 4½ in. and Under to 3½ in.	1.50
Diameter 5½ in. and Under to 4½ in.	1.75
Diameter 6½ in. and Under to 5½ in.	2.00
Diameter 7½ in. and Under to 6½ in.	2.25
In Quantities of 1 to 11 Rings	Discount %
In Quantities of 12 to 71 Rings	Discount %
In Quantities of 72 Rings and Over	Discount %

The Ring Ends are formed to support the Metal Guard and also retain it on the under side to produce a light, velvety contact of the guard against the cylinder wall. Instantly removable—slight relaxation when cold for easy cranking—a tight joint allowing a free, elastic expansion. Helps to prevent accumulation of carbon in cylinder by forming a continuous metal piston packing.

When Ordering Burd High Compression Piston Rings, Mention Name, Model and Year of Car or Size of Ring Wanted. We Can Furnish Any Size Ring.

ANTI-LEAK

Special Metal.

Tapered Seats Allow the Top Ring to Conform to the Walls of Cylinder, Knurling on Both Sections Hold Them in Position and Prevents Turning, Very Strong and Flexible.

	Each
Anti-Leak—Ford Size	$1.45

Plain, for Ford Car.

Individually Cast of Best Grey Iron.

	Each
No. 3023—Ford Size	$0.24

FORD

No. 3023.

Brake Lining.

RAY BESTOS

Friction Facing for Automobile Brakes and Clutches.

A Heat Proof Facing with the Highest Co-Efficient of Friction, no Amount of Heat, Oil, Gasoline or Foreign Substance Will Injure It.

Width, Inches	1½	1¾	1¾	2	2	2
Thickness, Inches	1/16	3/32	1/16	1/32	1/16	¼
Per Foot	$0.58	.56	.68	.64	.76	1.00
Width, Inches	2¼	2¼	2½	2½	3½	4
Thickness, Inches	1/16	¼	1/16	¼	1/16	1/16
Per Foot	$0.84	1.12	.94	1.24	1.28	1.44

Sheet Packing.

PERMANITE

An Asbestos Packing Especially Adapted Against Extreme Heat, Such as Exhaust from Automobile Engines, Extremely Light in Weight and Need be Used in Thicknesses Only About One-half of those Necessary in Rubber and Soft Sheets. Does not Deteriorate in Years.

	Per Pound
No. 5—1/32 in. Thick	$2.25
No. 10—1/16 in. Thick	2.25

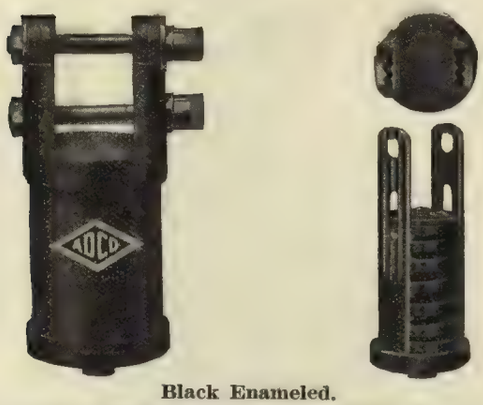
SEIGELITE

A Fibrous Packing that Becomes Tougher when Subjected to the Action of Oil, Grease, Gasoline and Water. Especially Economical for Making Gaskets in the Above Conditions.

	Per Square Yard
No. 15—1/32 in. Thick	$2.00
No. 20—1/16 in. Thick	4.20

Shock Absorbers.

ADCO



Black Enameled.

Fitted with a Specially Designed Square Coil Spring Made of Crucible Analysis Steel and so Constructed as not to "Take a Set," but Give a Proper and Permanent Spring Action.

Per Set of Two

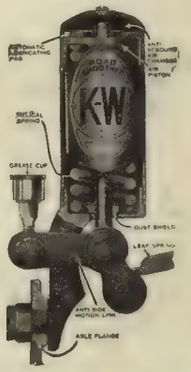
No. 10—For Cars Weighing up to 3500 Lbs.....**$26.65**
No. 11—For Cars Weighing 3500 Lbs. or Over..... **26.65**

Weight Per Set About 10 Pounds.

When ordering specify: Name, Model and Year of Car, Width of Rear Spring, Diameter of Spring Bolt and Type of Body.

One Set in a Box.

K. W.



For Ford Cars, Black Enameled.

Electric Smelted Chrome Vanadium Steel Helical Spring, Anti-Rebound Air Chamber Acts Like a Door Check and Gently "Eases off" the Rebound of the Spring, Highest Grade Heat Treated Drop Forged Anti-Side Motion Links, Prevent Car from Pitching or Swaying, All Phosphor Bronze Bearings Throughout.

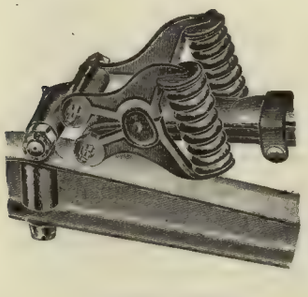
Per Set of Four

No. 3—For Touring Cars.....**$25.00**
No. 4—For Roadsters **25.00**

Weight Per Set About 19 Pounds.

One Set in a Box.

BEST AUTOMATIC



For Ford Cars.

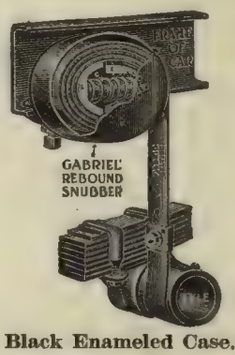
Finest Malleable Iron Castings, with Hollow Bolts and Oil Cups, Two Dependable Compression Springs Form a Perfect Pneumatic Cushion for Each of Four Corners of the Car, so Constructed that if any Spring Developes a Break in Service the Running Gear is Still Hooked up, Thus Guaranteeing Absolute Safety.

Per Set of Four

Best—Black Enameled, Weight Per Set 17 Lbs.....**$7.75**

One Set in a Box.

GABRIEL REBOUND SNUBBER



Black Enameled Case.

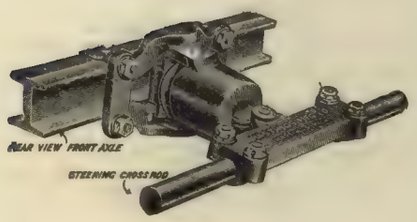
Fabric Belting, Best Quality Steel Springs Protect the Car by Eliminating Vibration, They Prolong the Life of Tires by Keeping the Wheels on the Ground and Giving Perfect Traction.

Per Set of Four

No. 1—1½x4⅞ in. Cup, for Cars Weighing Less than 2200 Lbs., Weight Per Set About 18 Lbs.....**$25.00**
No. 2—1½x5⅝ in. Cup, for Cars Weighing 2200 to 3500 Lbs., Weight Per Set About 20 Lbs..... **33.30**
No. 3—1¾x5⅝ in. Cup, for Cars Weighing More than 3500 Lbs., Also for Light Delivery Trucks, Weight Per Set About 22 Lbs..... **41.65**

When ordering specify: Name, Model and Year of Car. We can furnish above in sets of two at half the above cost. When ordering sets of two, mention whether front or rear are wanted.

One Set in a Box.



Hasting's Stabilizer.

For Ford Cars.

Insures Safe and Steady Steering.

Finest Spring Steel Spring Entirely Enclosed in Mud and Dirt Proof Casing, Malleable Iron Castings.

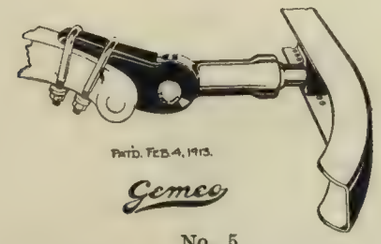
Each

No. 10—Black Enameled, Weight Each About 4 Lbs.....**$5.00**

A very simple device attached to the front axle and steering rod of car. It works on a simple oscillating spring principle. Adds resistance in the steering wheel that the driver ordinarily provides when driving his car without it. Keeps car in road until it can be stopped, if steering device should break.

Automobile Bumpers

GEMCO UNIVERSAL



No. 5.

Nos. 11 and 14.

For All Cars.

Easily and Quickly Attached to Car by Clamping the Arms to Front Hanger or Spring of Car, no Special Tools or Drilling of Holes Necessary, Black Enameled Frame Casting, Adjustable Tooth Clutch Joints, Extra Heavy High Grade Steel Bar.

Channel Bar.

	Each
No. 5—2 in. Channel Bar, Nickel Plated, Weight Each About 21 Lbs.	**$10.90**

Diamond Bar.

	Each
No. 11—1¾ in. Diamond Bar, Nickel Plated, Weight Each About 23 Lbs.	**$14.45**
No. 14—1¼ in. Diamond Bar, Nickel Plated, Weight Each About 16 Lbs.	**10.90**

The Gemco Universal Bumpers abut against the End or Nose of Frame. The Thrust of any shock is received at the Most Rigid Point of the Car. The Frame Yokes regularly supplied are 1⅝ in. wide and are readily adjustable on most Standard Frames. For **Buick, Overland Sixes, Studebakers** and others which have a little wider Frame, we can furnish a 2 in. Yoke. **If Extra Wide Yokes are Required be Sure to Specify.**

One Complete in a Box.

GEMCO CLAMP-ON

No. 37.

High Grade Steel Bar.

Designed to Fit on the Top of the Frame and Can be Adjusted Backward or Forward to Accommodate the Requirements of the Particular Car on which it is to be Used. By the Use of a Tooth Clutch Jaw Any Horizontal Adjustment Can be Made.

	Each
No. 31—1¾ in. **Channel Bar**, Nickel Plated, Weight Each About 15 Lbs.	**$8.30**
No. 37—1¼ in. **Diamond Bar**, Nickel Plated, Weight Each About 13 Lbs.	**9.90**

One Complete in a Box.

GEMCO OVERLAND

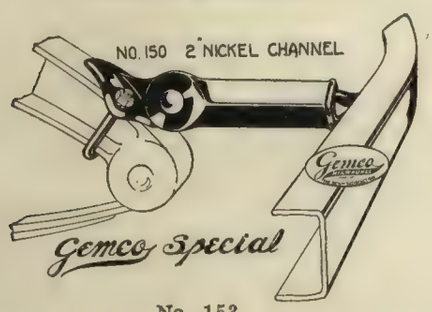
For Overland Cars.

The Frame Casting and Spring Housing are Integral, Two Strong Yokes are Used to Secure it to the Frame, High Grade Steel Bar.

	Each
No. 46—2 in. **Channel Bar**, Nickel Plated, Weight Each About 20 Lbs.	**$9.45**
No. 49—1¾ in. **Channel Bar**, Nickel Plated, Weight Each About 17 Lbs.	**8.30**
No. 55—1¼ in. **Diamond Bar**, Nickel Plated, Weight Each About 15 Lbs.	**9.90**

One Complete in a Box.

GEMCO SPECIAL



No. 153.

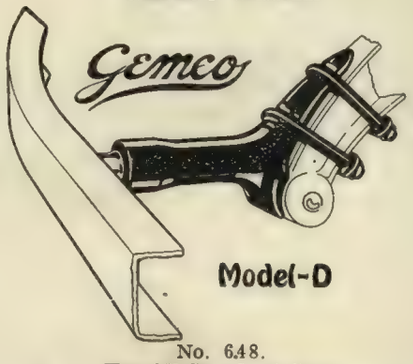
For All Standard Cars.

Clamp-On has an Adjustable Clutch which Enables the Bar to be Raised or Lowered to Meet Any Desired Angle, Black Enameled Castings, Heavy High Grade Steel Bar.

	Each
No. 153—1¾ in. **Channel Bar**, Nickel Plated, Weight Each About 17 Lbs.	**$7.20**
No. 159—1¼ in. **Diamond Bar**, Nickel Plated, Weight Each About 15 Lbs.	**7.75**

One Complete in a Box.

GEMCO IDEAL



No. 648.

For All Standard Cars.

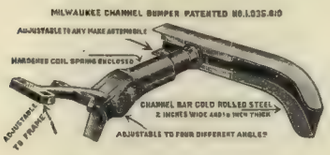
Two Strong Yokes Used to Secure to Frame, Black Enameled Castings, High Grade Steel Bars, the Strain of Any Shock or Thrust is Directly on the Car Frame.

	Each
No. 648—2 in. **Channel Bar**, Nickel Plated, Weight Each About 20 Lbs.	**$ 9.45**
No. 654—1¾ in. **Diamond Bar**, Nickel Plated, Weight Each About 18 Lbs.	**12.20**
No. 657—1¼ in. **Diamond Bar**, Nickel Plated, Weight Each About 15 Lbs.	**9.90**

One Complete in a Box.

Automobile Bumpers.

MILWAUKEE



For Any Standard Car.

Can be attached without drilling holes in frame. Each Bracket can be fastened onto the frame members independently. After both Brackets are properly fitted the Cross Bar can be slid into place and tightened by turning the hexagon part of the arms clockwise. The Arms are adjustable to four different angles which make possible a perfect horizontal adjustment of the bar in every case.

Each

No. GC52½—Very Best Cold Rolled Steel **Channel** Bar, 62 in. Long, 2 in. Wide, 1½ in. Deep and ⅛ in. Thick, Black Enameled Brackets, Nickel Plated Bar.....**$13.30**
Weight Each About 22 Pounds.
One Complete in a Box.

CONQUEROR

For Any Standard Car.

Can be attached without drilling holes in frame. Castings which support the Cross Bar are bolted to the frame castings and are provided with notches which admit a perfectly horizontal adjustment of the Cross Bar in all cases. Can also be used in the rear of most cars, providing the springs are not more than 1¾ in. deep.

Each

No. C44—Very Best Cold Rolled Steel **Channel** Bar, 62 in. Long, 2 in. Wide, 1 in. Deep and ⅛ in. Thick, Black Enameled Brackets, Nickel Plated Bar.....**$8.00**
Weight Each About 21 Pounds.

EXCEL

For Any Standard Car.

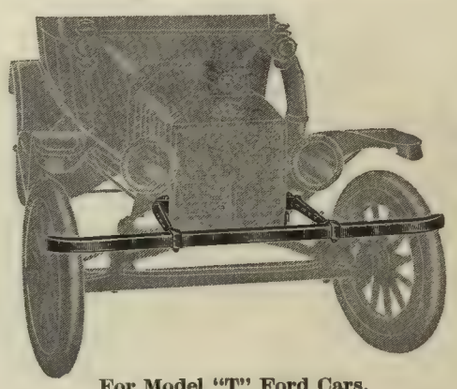
Can be attached without drilling holes in frame. Castings which support the Cross Bar are bolted to the Frame Castings and are provided with notches which admits a perfectly horizontal adjustment of the Cross Bar in all cases. Can also be used in the rear of most cars, providing the springs are not more than 1¾ in. deep.

Each

No. C41—**Channel** Bar 62 in. Long, 2 in. Wide, 1½ in. Deep, Black Enameled Brackets, Nickel Plated Bar, Cross Bar is Attached Like that on No. GC52½ Milwaukee Bumper.....**$9.75**

Weight Each About 21 Pounds.

MILWAUKEE, FOR FORD CAR



For Model "T" Ford Cars.

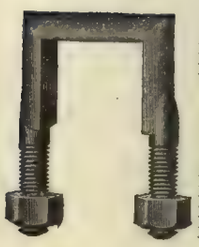
Easily Attached, Cold Rolled Steel Bar with Curved Ends.

Each

No. F100—62 in. **Channel Bar,** All Black Enameled Hard Rubber Finish **$7.20**
No. F101—62 in. **Channel Bar,** Black Enameled Brackets, Nickel Plated Bar..... **7.75**
Weight Each About 18 Pounds.

Automobile Spring Clips.

HEAVY, HALF OVAL



For 1½ in. Springs.

No.	Flat	Stem	Length	Per 100
150D	1 3/16 in.	7/16 in.	2⅝ in.	$34.50
150E	1 7/16 in.	7/16 in.	3 in.	35.00

For 1¾ in. Springs.

175C	1 3/16 in.	7/16 in.	3 in.	37.00
175F	1½ in.	7/16 in.	3¼ in.	37.50
175H	2 in.	7/16 in.	3½ in.	38.00
175P	1¾ in.	7/16 in.	3⅞ in.	39.00

For 2 in. Springs.

No.	Flat	Stem	Length	Per 100
200A	1⅛ in.	7/16 in.	2½ in.	$38.00
200B	1 3/16 in.	7/16 in.	3¼ in.	39.50
200G	1¾ in.	7/16 in.	3⅞ in.	41.00
200M	1 11/16 in.	½ in.	3¾ in.	46.00
200BB	1 13/16 in.	½ in.	4½ in.	47.80
200P	2⅜ in.	½ in.	4⅜ in.	47.80
200R	2¾ in.	½ in.	5 in.	60.00
200S	2¾ in.	½ in.	6 in.	64.00

For 2¼ in. Springs.

225B	2 in.	½ in.	4 in.	48.60
225C	1⅝ in.	½ in.	4 in.	48.60
225J	2¼ in.	½ in.	4⅞ in.	51.00

For 2½ in. Springs.

250D	2 in.	½ in.	4¼ in.	54.20

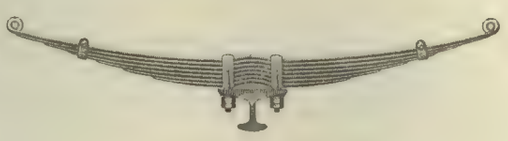
Automobile Springs.

Style "A"

Style "B"

Style "C"

Style "D"



Titanic—Style "E".

Painted Black.

Styles "A", "B", "C" and "D" Springs are Regular Styles with Center Bolt or Center Nib. Style "E" is the Celebrated **Titanic Spring without the Center Bolts. Titanic Springs are Guaranteed Against Center Breakage.**

The Following is a List of Springs Regularly Carried in which the Styles are Abbreviated as Follows: F—Front; R—Rear; C—Cross; H—Helper; L.H.R.—Lower Half Rear; U.H.R.—Upper Half Rear; U.Q.R.—Upper Quarter Rear.

Standard Quality Springs—Made of Best Carbon Auto Spring Steel ..... Discount, ... %
Special Quality Springs—Made of Chrome-Silico-Manganese Alloy Steel ..... Add to List, 60 %

Style "A" when so Ordered Will be Supplied in Place of Style "E".

Prices Given are for Standard Quality Springs.

ABBOTT DETROIT.

Stk. No.	Model	Location	Style	Each
150	44—1912	F.	E	$ 7.00
151	44—1912	L.H.R.	E	9.50
152	34-40—1913	F.	A only	7.25
153	34-40—1913	L.H.R.	C only	10.00
154	44-50—1913	F.	A only	7.50
155	44-50—1913	L.H.R.	C only	9.50
156	44-50—1914	F.	A	8.25
157	44-50—1914	L.H.R.	A	11.50
SA1	30—1910-1911	F.	E	6.50
SA2	30—1912	F.	E	6.50
SA3	30—1912	L.H.R.	C	7.75
SA4	K. 1914	F.	A	7.25

ALLEN.

SA40	30	F.	E	4.50
SA41	40	F.	E	6.00
SA42	4-40-5	F.	E	6.25

BUICK.

200	10-24-25-32-33-34 35-36	F.	E	4.50
202	26-27	F.	E	4.50
203	10-32-34-36	L.H.R.	E	4.50
204	10-32-34-36	U.H.R.	B	4.50
205	26-27-33-35	L.H.R.	E	4.50
206	26-27-33-35	U.H.R.	B	4.50
207	16-17	F.	E	6.75
208	88-39-43	F.	E	6.75
209	16—1909	R.	D only	12.50
210	16—1910	L.H.R.	E	7.00
211	16—1910	U.H.R.	B	7.50
212	17—1910	L.H.R.	E	7.00
213	17—1910	U.H.R.	B	7.50
214	19-21	F.	E	6.00
215	19	L.H.R.	E	6.75
216	19	U.H.R.	B	7.25
217	21	L.H.R.	E	8.00
235	21	U.Q.R.	C	4.75
218	24-25	L.H.R.	E	6.75
236	24-25	U.Q.R.	C	3.50

BUICK—Continued.

Stk. No.	Model	Location	Style	Each
219	28-29	F.	E	$ 6.00
220	28-29	L.H.R.	E	6.75
221	30-31	F.	E	6.00
222	30-31	L.H.R.	E	6.75
237	28-29-30-31	U.Q.R.	C	4.00
223	38	L.H.R.	E	10.00
238	38	U.Q.R.	C	6.25
224	39-43	L.H.R.	E	10.00
239	39-43	U.Q.R.	C	7.00
225	40	F.	E	7.50
226	40	L.H.R.	E	7.50
240	40	U.Q.R.	C	4.75
227	B24-B-25—1914	F.	E	5.75
228	B24—1914	L.H.R.	E	6.75
241	B24—1914	U.Q.R.	C	4.00
229	B25—1914	L.H.R.	E	7.50
242	B25—1914	U.Q.R.	C	4.25
230	B36-B37—1914	F.	E	7.50
231	B36—1914	L.H.R.	E	8.00
243	B36—1914	U.Q.R.	C	4.50
232	B37—1914	L.H.R.	E	9.50
244	B37—1914	U.Q.R.	C	4.75
233	B55—1914	F.	E	8.50
234	B55—1914	L.H.R.	E	16.25
245	B55—1914	U.Q.R.	C	13.00
246	C24-C25—1915	F.	E	5.75
247	C24—1915	L.H.R.	E	6.75
248	C24—1915	U.Q.R.	C	4.00
249	C25—1915	L.H.R.	E	7.50
250	C25—1915	U.Q.R.	C	4.25
251	C36-C37—1915	F.	E	7.50
252	C36—1915	L.H.R.	E	8.00
253	C36—1915	U.Q.R.	C	4.50
254	C37—1915	L.H.R.	E	9.50
255	C37—1915	U.Q.R.	C	4.75
256	C55—1915	F.	E	8.75
258	D44-46—1915	F.	E	8.25
260	D45-47—1916	F.	E	7.00
	2A	F.	E	7.00
	2A	R.		9.75
	2A	U.F.		4.75

CADILLAC.

Stk. No.	Model	Location	Style	Each
300	Sgl. Cyl.	F.	E	$ 5.50
301	Sgl. Cyl.	R.	E	4.50
302	30—1909	F.	E	6.75
303	30—1910 Right	F.	E	6.75
304	30—1910 Left	F.	E	6.75
305	30—1911 Right	F.	E	6.75
306	30—1911 Left	F.	E	6.75
307	30—1909	R.	E	8.00
308	30—1910 Right	R.	E	8.00
309	30—1910 Left	R.	E	8.00
310	30—1911 Right	R.	E	8.00
311	30—1911 Left	R.	E	8.00
312	30—1909	C.	A only	8.00
313	30—1910	C.	A only	8.00
314	30—1911	C.	A only	8.00
315	30—1912-1913 Right	F.	E	8.00
323	30—1912-1913 Left	F.	E	8.00
316	30—1912	R.	E	10.00
317	30—1912	C.	A only	9.00
318	30—1913	R.	E	10.50
319	30—1913	C.	A only	9.00
320	30—1914	F.	E	8.00
321	30—1914	R.	A only	13.00
322	30—1914	C.	A only	10.00
324	8 Cyl.—1915-16	F.	E	10.50
325	8 Cyl.—1915-16	2 Pas. R.	A	11.50
326	8 Cyl.—1915-16	5 Pas. R.	A	13.50
327	8 Cyl.—1915-16	7 Pas. R.	A	16.25
328	8 Cyl.—1915-16	2 Pas. Cr.	A	6.00
329	8 Cyl.—1915-16	5 Pas. Cr.	A	9.75
330	8 Cyl.—1915-16	7 Pas. Cr.	A	11.50

CHALMERS.

500	17-19-30-36	F.	E	6.50
502	30	L.H.R.	E	8.00
510	30	U.Q.R.	C	4.50
503	17-19-36	L.H.R.	E	8.00
511	17-19-36	U.Q.R.	C	5.00
504	40	F.	E	8.00
505	40	L.H.R.	E	12.00

Chalmers Continued on Page 1933.

Order Springs by Stock Number Given Opposite Name and Model of Car in Above List. We Can Also Furnish Springs for Any Car Not Listed Above when Name, Model and Year of Car is Given.

Automobile Springs.

Continued from Page 1932.

CHALMERS.

Stk. No.	Model	Location	Style	Each
506	18—1913	F.	E.	$ 8.50
507	18—1913	L.H.R.	E.	13.50
512	18—1913	U.Q.R.	C.	5.25
508	24-29—1914-5-6	F.	E.	8.25
509	24-29—1914-5-6	L.H.R	C only	12.75
513	24-29—1914-5-6	U.Q.R.	C.	7.50
514	26A-26B—'14-5	F.	E.	6.50
515	26A—1914	L.H.R.	C.	10.00
516	26A—1914	U.Q.R.	C.	5.75
517	26B—1915	L.H.R.	C.	8.75
518	26B—1915	U.Q.R.	C.	5.50
520	32A-32B—'15-16	F.	E.	6.50
521	32A—1915	R.	Cant.	13.50
522	32B—1915	R.	A.	11.75

CASE.

SC13	40—1912	F.	A.	9.25
SC31	1916	F.	A.	6.75

CHANDLER.

1650	1915	F.	E.	7.00

COLE

S1200	30 up-to 1913	F.	E.	7.00
S1201	40 up to 1913	F.	E.	7.25
S1202	6 Cyl. 1913	F.	E.	8.00
S1203	4—1914	F.	E.	7.00
S1204	4—1914	L.H.R.	E.	11.25
S1205	6—1914	F.	E.	7.50
S1206	6—1914	L.H.R.	E.	13.00

CHEVROLET.

825	Baby Grand	F.	E.	5.00
828	Baby Grand	L.R.	E.	7.25
SC48	L	F.	E.	6.00
825	H-4 H-2	F.	E.	5.00

DETROITER.

1300	Up to 1915	F.	E.	5.00
1301	Up to 1915	R.	E.	5.00
1302	Up to 1915	C.	E.	5.25

DODGE.

1150	1915	F.	A.	5.00
1151	1915	L.H.R.	C.	6.00
1152	1915	U.Q.R.	C.	3.00

FORD.

103	N. R. S.	F.	E.	3.50
102	T—guaranteed	F.	E.	6.50
100	T—not guar.	F.	A only	3.50
101	T—not guar.	F.	E only	4.25
104	N. R. S.	R.	D only	5.50
105	T. Std. Tread	R.	Spl.	12.00
106	T. So. Tread	R.	Spl.	12.50

HUDSON.

600	20	F.	E.	5.00
601	20	L.H.R.	E.	7.50
614	20	U.Q.R.	C.	3.25
602	33—1911	F.	E.	6.50
605	33—1911	L.H.R.	E.	10.00
618	33—1911	U.Q.R.	C.	4.00
603	33—1912	F.	E.	6.50
606	33—1912	L.H.R.	E.	10.00
619	33—1912	U.Q.R.	C.	3.75
604	37—1913	F.	E.	6.50
607	37—1913	L.H.R.	E.	10.00
620	37—1913	U.Q.R.	C.	5.75
608	54—1913	F.	E.	6.50
609	54—1913	L.H.R.	E.	12.50
615	54—1913	U.Q.R.	C.	5.25
610	6-40—1914	F.	E.	7.50
611	6-40—1914	L.H.R.	C only	12.50
616	6-40—1914	U.Q.R.	C.	3.75
612	6-54—1914	F.	E.	10.00
613	6-54—1914	L.H.R.	C only	15.00
617	6-54—1914	U.Q.R.	C.	5.00
621	6-40—1915	F.	E.	8.00
622	6-40—1915-R	L.H.R.	C.	11.25
624	6-40—1915-T	L.H.R.	C.	11.75
623	6-40—1915-R	U.Q.R.	C.	3.50
625	6-40—1915-T	U.Q.R.	C.	3.75
626	6-40—1916	F.	E.	9.50

HUPMOBILE.

Stk. No.	Model	Location	Style	Each
705	32—1912	F.	E.	$5.00
706	32—1913	F.	E.	5.00
707	32—1914	F.	E.	5.00
708	32 Std. Tread 1912-1913	R.	A only	10.00
709	32 So. Tread 1912-1913	R.	A only	10.75
710	32 Std. Tread 1914	R.	A only	10.00
711	32 So. Tread 1914	R.	A only	11.50
712	K. 1915 N. 16	F.	E.	5.50
713	K. 1915 N. 16	R.	A.	10.00

JEFFERY.

SJ74	1914-5	F.	A.	6.50
SJ10	6-48-14	F.	A.	7.50

KISSEL FRONTS

2569	LD 11	H.		4.75
2573	D 11	A.		6.25
2577	F 11	A.		7.00
2580	D 12	A.		7.25
2581	LD-12 H-12 LD-13 H-13	A.		6.00
2591	H 14	E.		6.75
2595	H 15	E.		6.75
2598	6-48 N	A.		9.25

MAXWELL

1500	14 H. P.	F.	E.	4.00
1501	14 H. P.	R.	E.	4.50
1502	A	F.	D only	5.00
1503	A	R.	D only	6.00
1504	Q	F.	E.	5.50
1505	Q	L.H.R.	E.	5.75
1514	Q	U.Q.R.	C.	2.50
1506	E. G. Ea. Ga.	F.	E.	6.50
1507	E. G. Ea. Ga.	L.H.R.	E.	10.00
1515	E. G. Ea. Ga.	U.Q.R.	C.	2.50
1508	25—1914	F.	E.	4.00
1509	25—1914	R.	E.	5.50
1510	35—1914	F.	E.	6.50
1511	35—1914	L.H.R.	E.	8.50
1516	35—1914	U.Q.R.	C.	2.50
1512	50—1914	F.	E.	6.50
1513	50—1914	L.H.R.	E.	13.25
1517	50—1914	U.Q.R.	C.	5.25
1523	25—1915-16	F.	E.	4.00
1524	25—1915-16	L.H.R.	E.	5.50

MITCHELL.

SM104	R 1910	F.	E.	7.00
SM105	T 1910	F.	E.	7.00
SM109	6 Cyl. 1914	F.	A.	9.75
SM112	1915	F.	A.	7.00

OAKLAND.

200	30—1910-1911	F.	E.	4.50
900	30—1910-1911	L.H.R.	E.	5.25
901	30—1910-1911	U.H.R.	B.	5.25
902	30—1912-1913	F.	E.	6.50
903	35—1913	F.	A only	7.00
904	35—1913	L.H.R.	C only	8.75
916	35—1913	U.Q.R.	C.	6.00
905	40—1910-1911	F.	E.	6.00
906	40—1912-1913	F.	E.	8.50
917	40—1912-1913	L.H.R.	E.	10.25
907	45—1913	F.	E.	8.50
908	36—1914	F.	A only	6.00
909	36—1914	L.H.R.	C only	9.00
918	36—1914	U.Q.R.	C.	5.75
910	43—1914	F.	A only	8.50
911	43—1914	L.H.R.	C only	11.00
919	43—1914	U.Q.R.	C.	7.75
912	48—1914	F.	A only	9.00
913	48—1914	L.H.R.	C only	11.00
920	48—1914	U.Q.R.	C.	7.00
914	6-60—1914	F.	A only	10.00
915	6-60—1914	L.H.R.	C only	16.00
921	6-60—1914	U.Q.R.	C.	10.00
922	37—1915	F.	E.	5.50
923	37—1915	L.H.R.	A.	9.00
933	32—1916	F.	E.	4.75

OVERLAND.

Stk. No.	Model	Location	Style	Each
400	38	F.	E.	$5.25
401	38	L.H.R.	E.	6.00
402	38	U.H.R.	B.	5.00
403	40-41-42-60	F.	E.	6.50
404	40-41-42-60	L.H.R.	E.	8.00
409	40-41-42	U.Q.R.	C.	3.00
410	51	F.	E.	6.50
411	51	L.H.R.	E.	7.25
412	51	U.Q.R.	C.	3.75
413	52-53-54	F.	E.	8.50
414	52-53-54	L.H.R.	E.	7.50
415	52-53-54	U.Q.R.	C.	3.75
405	59-69-70	F.	E.	5.50
406	59-69-79	L.H.R.	E.	7.25
416	59-69	U.Q.R.	C.	3.50
417	79	U.Q.R.	C.	4.25
420	60	U.Q.R.	C.	3.50
407	61-71	F.	E.	7.75
408	61-71	L.H.R.	E.	8.00
421	80—1915	F.	E.	5.50
422	80—1915	L.H.R.	C.	9.75
423	80—1915	U.Q.R.	C.	5.25
424	81—1915	F.	E.	5.75
425	81—1915	L.H.R.	C.	7.00
426	81—1915	U.Q.R.	C.	3.00
427	82—1915	F.	E.	7.75
428	82—1915	L.H.R.	C.	11.00
429	82—1915	U.Q.R.	C.	5.00
S027	30-31-32	F.	E.	5.25
S029	30-31-32	L.H.R.	E.	5.00
S030	30-31-32	U.H.R.	B.	5.50

PAIGE DETROIT.

1900	25—1912-1913	F.	E.	5.00
1901	25—1914	F.	E.	5.00
1902	25—1912-1913	R.	D only	18.00
1903	25-36—1914	L.H.R.	E.	6.25
1907	25-36—1914	U.H.R.	Spl.	7.00
1904	36—1912-1913	F.	E.	5.00
1905	36—1914	F.	E.	5.50
1906	36—1912-1913	L.H.R.	E.	7.25
1908	36—1912-1913	U.H.R.	Spl.	7.75
1909	6-46—1915	F.	E.	6.50
1910	6-46—1915	R. Cant.	C.	15.00
1911	6-36—1916	F.	E.	6.25

REO.

2200	2 Cyl.	F.	E.	6.00
2201	2 Cyl.	R.	D only	10.25
2202	R	F.	E.	6.00
2203	R	L.H.R.	E.	7.00
2208	R	U.Q.R.	C.	4.00
2204	Fifth 1912	F.	E.	7.25
2205	Fifth 1912	L.H.R.	E.	8.00
2209	Fifth 1912	U.Q.R.	C.	4.75
2206	Fifth 1913-4-5-6	F.	E.	7.25
2207	Fifth 1913-4-5-6	L.H.R.	E.	8.00
2210	Fifth 1913-4-5-6	U.Q.R.	C.	5.00
2211	Sixth 1914-15-16	F.	E.	8.00

SAXON.

1350	4 Cyl.	F.		3.00
1351	4 Cyl.	R.		3.00

STUDEBAKER.

2300	25—1913	F.	E.	5.50
2301	25—1913	L.H.R.	E.	6.00
2302	25—1913	U.H.R.	B.	6.00
2303	35—1913	F.	E.	6.00
2304	35—1913	L.H.R.	E.	10.00
2310	35—1913	U.Q.R.	C.	4.50
2305	4B. 1914-15	F.	E.	6.00
2306	4B. 1914-15	L.H.R.	E.	6.50
2307	4B. 1914-15	U.H.R.	B.	6.50
2308	6B. 1914-15	F.	E.	6.25
2309	6B. 1914-15	L.H.R.	E.	10.00
2312	4-40—1916	F.	E.	7.25
2315	6-60—1916	F.	E.	7.25

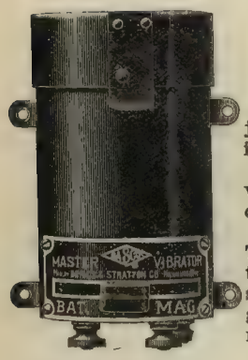
Order Springs by Stock Number Given Opposite Name and Model of Car in Above List. We Can Also Furnish Springs for Any Car Not Listed Above when Name, Model and Year of Car is Given.

Specialties for Ford Cars

MASTER VIBRATORS

BRIGGS & STRATTON

Especially Adapted for Ford Cars.



Cut Shows No. 3 with Kick Switch.

The Master Vibrator is not a substitute for the dash coil but is used in conjunction with it, simply replacing the individual vibrators with which the dash coil is equipped.

The advantage of the Master Vibrator is that it is more sensitive than the coil vibrators and produces sparks of exactly the same intensity for each of the various cylinders of the engine.

The coil is of the double pole type and this accounts for its extreme sensitiveness. The construction is such that the vibrator will respond to very weak currents from the Ford magneto, **making starting on the magneto very easy**, nor will the vibrator suffer injury or become unbalanced at high speeds when an excessive current is generated. The contact points are of such liberal dimensions that adjustment is very rarely necessary.

Cut Shows No. 5 with Lock Switch.

With Kick Switch.

Each

No. 3—With Kick Switch, 4¼ in. High, 2½ in. Diameter, Round Metal Case, Black Enameled, Brass Brackets and Working Parts, Weight Each About 1¾ Lbs. **$10.00**

With Lock Switch.

Each

No. 4—With Lock Switch, 8 in. High, 4 in. Wide, 3 in. Deep, Switch is Operated by Pressure on One of Three Buttons, When in "Off" Position the Switch Can be Locked by Means of a Genuine Yale Pin Tumbler Cylinder Lock Thereby Insuring Against Theft of Car, Put up in Handsome Mahogany Finish Dash Box, with Two Gold Plated Corrugated Steel Keys, Weight Each About 3½ Lbs. **$16.30**

K. W.

Especially Adapted for Ford Cars.

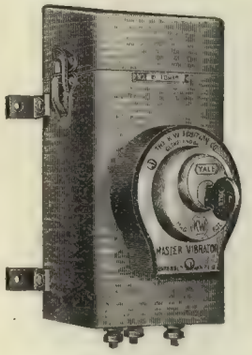
Cut Shows No. 5 with Kick Switch.

Takes the place of the Separate Vibrators on Coils, doing away with the Separate Vibrator Adjustments and giving one good Fast Vibrator and Powerful Condenser for all of them, thus giving absolute synchronism with a smoother running engine and more power. It will operate in connection with either Battery or Low Tension Magneto, or both, with any make of coil, by short circuiting the vibrators and letting the K. W. Master Vibrator work for all cylinders.

With Kick Switch.

Each

No. 5—With Kick Switch, 8 in. High, 4 in. Wide, 3 in. Deep, All Exposed Metal Parts are Made of Brass, Has Plug in Side which Can be Removed to Prevent Tampering with Machine When Not in Use, Mounted in a Handsome Mahogany Dash Box, Weight Each About 3¾ Lbs. **$25.00**



Cut Shows No. 10 with Auto Lock Switch.

With Auto Lock Switch.

Each

No. 10—With Auto Lock Switch, 8 in. High, 4 in. Wide, 3 in. Deep, Switch is Operated by Regular Yale Cylinder Lock and Key, All Exposed Metal Parts are Made of Brass, Mounted in a Handsome Mahogany Dash Box, Weight Each About 4 Lbs. **$26.65**

The K. W. Master Vibrator will cause every cylinder to fire its charge in exactly the same angular position of the crank shaft, thus making all cylinders act in unison with increased speed, and prevents them from operating against each other and losing power, as is the case when a separate vibrating coil is used for each cylinder. Is also an Auto-Synchronous Magnetic Circuit Breaker which times the spark more accurately, and when used with the Ford Magneto, gives a hotter spark than a high tension magneto.

Lock Switches

K. W.

For Ford Cars.

To Replace Kick Switch on Coil Box of Ford Cars, Enabling Owner to Lock His Car to Prevent Theft.

Each

No. 15—Brass, Yale Pin Tumbler Cylinder Lock, Two Keys **$5.75**

Weight Each About ½ Pound.

Specialties for Ford Cars.

TIMERS

MILWAUKEE

Designed for the Model T Ford Car and Will Fit the Late 1912, the 1913, 1914, 1915 and 1916 Cars.

The main case or cover is a one-piece aluminum casting, lathe turned to fit the counterbore of the engine gear cover. The contact surfaces are ground and insulated with the highest grade gray fibre, carrier is a bronze casting fitted with a wide, hardened tool steel roller.

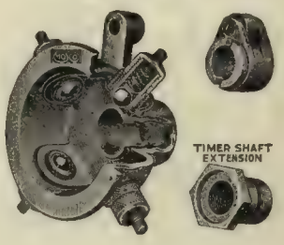
Each

No. FT18—Furnished without Oil Cup and Terminal Screws as These Parts Can be Taken from Old Timers, Weight Each About 12 Oz.....**$2.45**

No. FT19—Extra Brush Assemblies for Use with No. FT18 Milwaukee Timers..... .90

One in a Box.

BEMUS



Designed to Fit All 1912, 1913, 1914, 1915 and 1916 Model T Ford Cars.

Main case or cover is molded in one piece of an insulating material of great strength and toughness, impervious to any amount of heat, cold, moisture or grease. Into this insulator shell the four contact sockets are threaded and held firmly in place with lock washers. Contact is made by hardened tool steel brush engaging steel balls with short glancing impacts, both the brush and the balls turning each time so that fresh contacting surfaces are continually engaged. Mounting is direct on the time shaft by means of an extension piece.

Each

No. 20—Weight Each About 8 Oz.....**$3.30**

One in a Box.

GASOLINE GAUGES

For Ford Cars.

Numerals showing amount of gasoline are marked on an aluminum rod carried by a cork float, when locking lever on filler cap is released the float comes to the surface of the liquid, forcing the indicator rod through the cap. The numeral exposed at the filler cap shows the number of gallons in the tank.

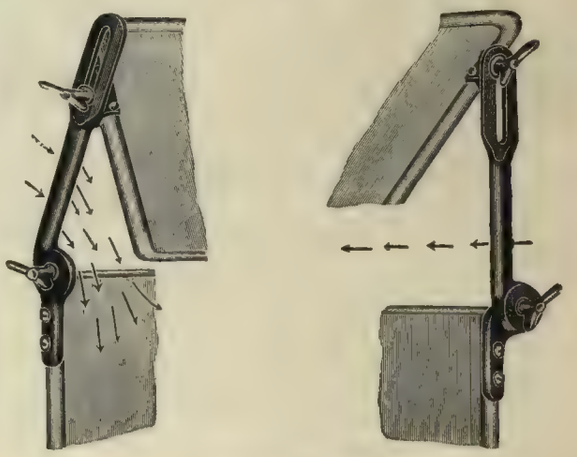
Each

No. 2—10½ in. Long, Weight Each About 3½ Oz.....**$1.00**

One in a Box.

WIND SHIELD BRACKETS

J. M.



For Ford Cars.

Converts a Standard Ford Wind Shield into one that may be easily and quickly adjusted. Affords perfect rain vision and ventilation in all weathers. Will fit any model car.

Per Pair

No. 67—14 in. Long Over All, Pressed Steel, Black Enameled **$4.45**

Weight Per Pair About 4 Pounds.

One Pair in a Box.

Specialties for Ford Cars.

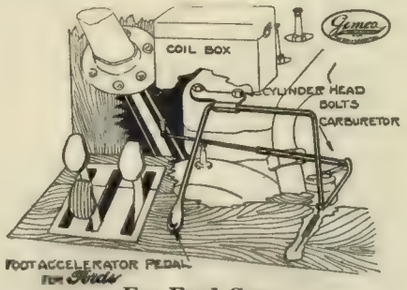
CUT-OUT OUTFITS

For Ford Cars.

Consists of cut-out bored to the proper size with 2 in. exhaust opening, spring, pulley, four feet of cable and a foot pedal.

	Each
No. 1—Outfit Complete as Described Above, with Foot Pedal No. 1	**$0.90**
No. 2—Outfit Complete as Described Above, with Foot Pedal No. 2	**1.00**

FOOT ACCELERATORS



For Ford Cars.

Is connected to the carburetor and can be operated perfectly independent of the hand control. Is attached by two of the cylinder head bolts and can be applied in a few minutes.

	Each
No. 725—Complete Ready to Install	**$1.55**

EXHAUST DEFLECTORS

For Ford Cars.

The position of the muffler exhaust on Ford cars is such that when spare tires are carried in the rear of the car, if not properly guarded against, the exhaust gases will strike the tire. The Exhaust Deflector attached to the end of exhaust pipe will deflect the gases downward or sideways away from the tire.

	Each
No. 57—Steel, Weight Each About ½ Lb	**$0.33**

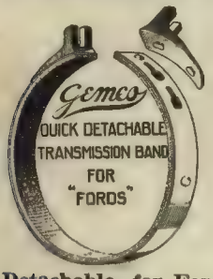
MUFFLERS

For Ford Cars.

Made entirely of pressed steel, electrically welded throughout. Interior construction is simple but absolutely effective. Has no back pressure effect on the motor.

	Each
No. 60—Complete with Steel Supporting Brackets, Ready for Attaching to Exhaust Pipe	**$3.80**

TRANSMISSION BANDS



Quick Detachable, for Ford Cars.

Made of heavy spring steel, lined with the very best grade of transmission brake lining, attached to spring bands are two drop forged ears, one of which is detachable and can be quickly removed.

	Each
No. 100—Quick Detachable, Saves Time in Changing Brake Band	**$2.20**

FORD VALVES

Electric Welded, Grey Iron Heads, Ground Seat, Nickel Steel Stem.

	Each
No. 3052—5 in. Long, Weight Each ¼ Lb	**$0.24**

HUB BRAKE SHOES

For Ford Cars.

	Each
No. 2566—Gray Iron	**$0.45**
No. B2566—Gray Iron, with Brake Lining	**1.20**

Weight Each About 2¼ Pounds.

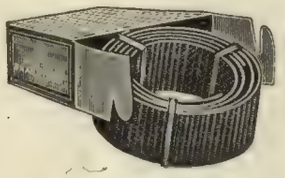
FORD SPRING HANGERS

Made from Best Material Obtainable, Carefully Carbonized and Accurately Machined.

	Each
No. 3813—Front Hanger	**$0.55**
No. 3840—Rear Hanger	**.55**

Weight Each About ¼ Pound.

BRAKE LINING



For Ford Cars.

	Per Box
J. M. Ford Special—1⅛ in. Wide, Woven from Specially Prepared Cotton Fabric, Each Box Contains Three Pieces 1⅛ in. Wide and 23 in. Long, with Brass Rivets, Enough to Reline All Brakes on Ford Car, Weight Per Box About 1 Lb.	**$1.80**
	Per Foot
J. M. Ford Special—1⅛ in. Wide, Any Length	**$0.22**
	Per Box
Raybestos Friction Facing—Asbestos Fabric, Each Box Contains 3 Pieces 1⅛ in. Wide, 23 in. Long, with Brass Rivets, Enough to Reline All Brakes on Ford Car, Weight Per Box About 1 Lb.	**$1.10**
	Per Foot
Raybestos Friction Facing—1⅛ in. Wide, Any Length	**$0.18**

Specialties for Ford Cars.

FORD CRANK CASE OIL GAUGE

Brass Top and Base, Iron Pipe Extension.

	Each
No. 139 —⅝ in. Glass	$0.30
No. 139A—¾ in. Glass	.40

Weight Each About 4 Ounces.

BREATHER AND OIL FILLER

Steel Case, Hinged Cover with Spring Fastener, Brass Sieve.

	Each
No. 177—6 in. Long, Black Japanned	$0.90

Weight Each About 1¼ Pounds.

FORD SPRING OIL CUP

Open.

Brass.

	Per 100
No. 2715—¾ in. Long, All Brass, Knurled Head	$10.00

IGNITION HARNESS

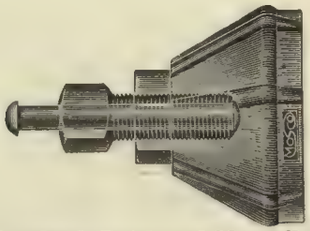
Cable Manifolds for Wiring Ford Cars.

	Per Set
No. 158—American Cable, Furnished Complete in Rubber Tipped Loom with Vari-Colored Cables and Terminals, All Cables Correct Lengths	$0.90

Weight Per Set About 8 Ounces.

WHEEL PULLERS

MOSCO

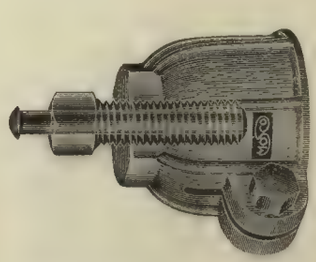


For Overland, Buick and Maxwell Cars.

Made of Semi-Steel, Ribbed Construction, Black Japanned, Loose Plunger Extends Through Center of Screw which Affords a Means of Starting a Wheel which Comes off Hard or is Frozen to the Axle.

	Each
No. 3—For Overland Cars, Models 60F and 60T, 1912; Models 69R, 69RE, 69F, 69T and 69TE, 1913; Models 79R, 79RE, 79T and 79TE, 1914; Models 80RE, 80TE, 81RE, 81TE, 75, 83T, 83R, 83 Delivery, 1915	$1.65
No. 4—For Buick Cars, Models 10, 32, 33, 34, 35, 36, 26, 27, 24, 25, B24, B25, C24 and C25	1.65
No. 5—For Buick Cars, Models 16, 17, 19, 21, 28, 29, 30, 31, 41, B36, B37, B38, C36 and C37	1.85
No. 6—For Maxwell Cars, Models 25, 1914 and 1915	1.65
No. 7—For Maxwell Cars, Model 25, 1916	1.65

Weight Each About 3 Pounds.



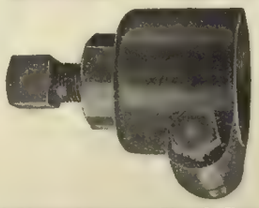
Adjustable, for Ford Cars.

Made of Semi-Steel, Ribbed Construction, Black Japanned, Loose Plunger Extends Through Center of Screw which Affords a Means of Starting a Wheel which Comes off Hard or is Frozen to the Axle.

	Each
No. 2—For Ford Cars, Fits All Cars Equipped with Tapered Rear Axles, Adjustable to Any Hub Thread	$1.00

Weight Each About 1½ Pounds.

WHEEL PULLERS



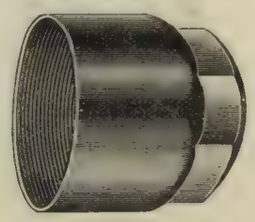
Adjustable, for Ford Cars.

Malleable Iron, Black Japanned.

	Each
No. 137—For Ford Cars, Adjustable to Any Hub Thread	$0.65

Weight Each About 1½ Pounds.

FORD HUB CAPS



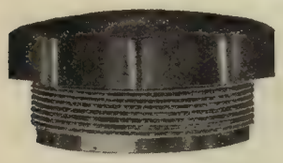
Polished Brass.

	Each
No. 133—Plain	$0.32

Weight Each About 3 Ounces.

Specialties for Ford Cars

FORD RADIATOR CAPS

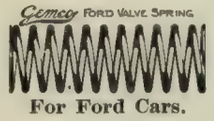


For Ford Cars.

	Each
No. 143B—Brass, Hard Black Rubber Top	$0.40

Weight Each About 4 Ounces.

VALVE SPRINGS



For Ford Cars.

Made in Exact Accordance with the Regular Ford Specifications and are Interchangeable with the Standard Spring.

	Per 100
No. 12—2⅞ in. Long, No. 12 Gauge Best Quality Oil Tempered Wire	$7.20

VALVE LIFTERS

Malleable Iron and Steel Construction, Black Enameled.

	Each
Radium Valve Lifters—8½ in. Long, Jaws 1½ in. Wide	$1.30

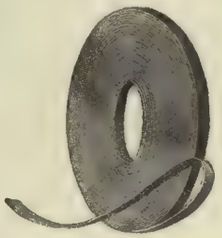
Weight Each About 1 Pound.
One in a Box.

FAN BELTS

Made from Selected Hides, Specially Treated, Water, Oil and Heat Proof, Lap Stitched.

	Each
No. 5—For Ford Cars	$0.45
No. 10—For Overland Cars	.55

FAN BELTING



Made from Selected Hides, Specially Treated, Water, Oil and Heat Proof.

	Per Foot
No. 15—1 in. Wide	$0.22

BELT FASTENERS

	Per 100 Inches
No. A1—1 in. Wide, Bright Steel	$1.65

FAN BELT GUIDES

For Ford Cars.

A Very Useful Device, Providing a Safeguard Against the Trouble of Belt Slipping on Greasy Fan Pulleys, Readily Attached to Side of Timer Gear Housing, without Extra Hole or Bolt.

	Each
No. 25—For 1 in. Belt, Entire Length 2½ in., Semi-Steel	$0.30

Weight Each About 4 Ounces.

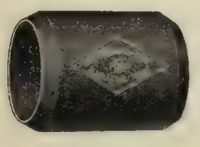
RADIUS RODS

For Ford Cars.

Auxiliary Front, For Reinforcing Regular Rods, One End Fastens to the V Shaped Stud Near the Ball Socket, Other End to Lower Side of Axle, Keeps Axle True and Makes Steering Easier.

	Each
No. 701—Made from Strong Steel	$2.80

RADIATOR HOSE



For Ford Cars.

3 Ply, with Capped and Beveled Ends.

Diameter, Inches	1¾	2
Length, Inches	2¾	3¼
Each	$0.17	.20

3 Ply, Square Cut Ends.

Diameter, Inches	1¾	2
Length, Inches	2¾	3¼
Each	$0.13	.17

RADIATOR HOSE CLAMPS

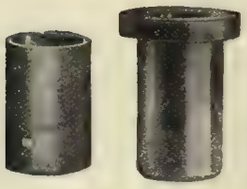
For Ford Radiator Hose.

Sherardized Iron.

	Each
No. 70—2⅛ in., for Inlet	$0.05
No. 71—2⅜ in., for Outlet	.05

Weight Each About 2 Ounces.

Specialties for Ford Cars.

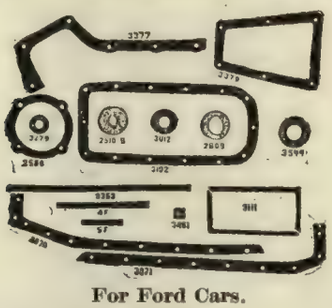


BUSHINGS

Seamless Brass.

		Each
No. 2525B	—Differential Pinion Bushing	**$0.10**
No. 2713	—Spindle Body Bushing	**.17**
No. 2714	—Spindle Arm Bushing	**.10**
No. 3820	—Front Spring Perch Bushing	**.10**
No. 3844	—Rear Spring Perch Bushing	**.17**
No. 3314½	—Transmission Triple Gear Flanged Bushing	**55**

FELT WASHERS AND GASKETS

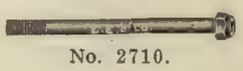


For Ford Cars.

Made of Best Quality Wool Felt in the Proper Shapes and Sizes for Ford Cars.

	Per Set
No. 100—In Sets of 23 Pieces of Assorted Shapes and Sizes, as Illustrated	**$1.00**

SPINDLE BOLTS



No. 2710.

No. 2718.

For Ford Cars.

Best Quality Hardened Steel.

	Each
No. 2710—Spindle Bolt, 6¾ in. Long, Hexagon Head, Weight Each 5 Ounces	**$0.55**
No. 2718—Spindle Connecting Rod Bolt, 2⅛ in. Long, Hexagon Head, Weight Each 2 Ounces	**.18**

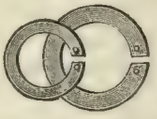
BALL RACES

For Ford Cars.

Highest Quality Steel.

	Each
No. 2804—Outer Ball Race, 1$\frac{15}{16}$ in. Inside Diameter, Weight Each 4 Oz.	**$0.15**
No. 2805—Inner Ball Race, 2$\frac{33}{64}$ in. Inside Diameter, Weight Each 3 Oz.	**.22**

BALL RETAINERS



For Ford Cars.

Highest Quality Steel.

	Each
No. 2806—Outside Ball Retainer, 1$\frac{25}{32}$ in. Diameter	**$0.03**
No. 2807—Inside Ball Retainer, 2$\frac{17}{32}$ in. Diameter	**.05**

Weight Each About 1 Ounce.

CONES

Nos. 2705, 2706.

No. 2704.

For Ford Cars.

High Grade Case Hardened Steel.

	Each
No. 2705—Adjusting Cone, Right.	**$0.20**
No. 2706—Adjusting Cone, Left.	**.20**
No. 2704—Stationary Cone	**.30**

Weight Each About 3 Ounces.

WRENCHES

REVERSE AND BRAKE

Single End, for Ford Cars.

Drop Forged Steel, Tempered, Natural Finish.

	Per Dozen
No. 4—4½ in. Long, Opening ¾ in.	**$2.20**

Weight Per Dozen About 1½ Pounds.

REVERSE AND CYLINDER HEAD

Double End, for Ford Cars.

Drop Forged Steel, Tempered, Natural Finish.

	Per Dozen
No. 5—5½ in. Long, Openings ⅝ and ¾ in.	**$3.55**

Weight Per Dozen About 2 Pounds.

HUB CAP AND CYLINDER

For Ford Cars.

Malleable Iron, Black Japanned.

	Per Dozen
No. 21—9½ in. Long, Openings ⅝ and ¾ in. at One End, 1⅝ in. in Center, $\frac{15}{16}$ in. at Other End	**$4.20**

Weight Each About 1¼ Pounds.

SOCKET

Single End.

Drop Forged Steel, Tempered.

	Per Dozen
No. 1—8¼ in. Long, Opening ⅝ in.	**$5.00**

Weight Each About ½ Pound.

Triple End.

Drop Forged Steel, Tempered, Nickel Finish.

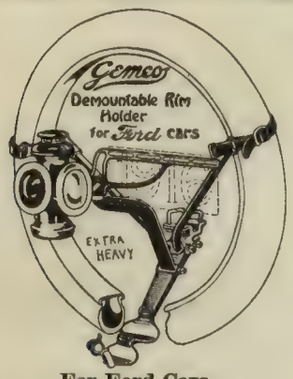
	Per Dozen
No. 3—9¾ in. Long, Openings ½ and ⅝ in. at One End, ⅝ in. at Other End	**$6.00**

Weight Each About 1 Pound.

Specialties for Ford Cars.

TIRE HOLDERS

REAR DEMOUNTABLE



For Ford Cars.

With Brackets for Tail Light and License Bracket.

Consist of a Substantial Hook which Clamps to the Joint Formed by the Intersection of the Rear Frame and Spring, Extending Outward and Upward from this Hook are Two Properly Bent Steel Beams which Hold Tires Firmly in a Vertical Position.

Each

No. 105—Rear Tire Holder, Complete with Straps, for One or Two Tires.....$5.30

No. 95—Rear Tire Holder, Same Description as No. 105, but Somewhat Lighter in Construction..... 4.45

Weight Each About 14 Pounds.

RUNNING BOARD

For Ford Cars.

Adaptable for All Tires up to 3½ in.

Bolts Firmly to the Running Board, is Very Rigid, Attractive and Nicely Finished.

Each

No. 27—Running Board Tire Holder, for One Tire, Complete with Straps, Weight Each About 8 Lbs. $2.50

No. 28—Running Board Tire Holder, for Two Tires, Complete with Straps, Weight Each About 9 Lbs. 2.75

LICENSE BRACKETS

NEVEROUT

Attaches to Water Filler Tube.

Each

No. 9—Adjustable to All Standard Cars, Black Enameled..$0.55

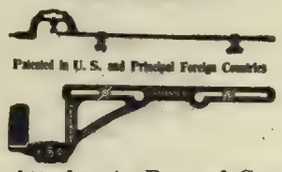
Attaches to Front of Car.

Rod Clamps Attach Number with or without Slots to Any Size Rod Between Headlights.

Per Pair

No. 95—Stamped from Heavy Gauge Steel, Black Enameled $0.25

One Pair in a Box.



Attaches to Rear of Car.

Each

No. 021—Black Enameled, Flat Prop, with Bracket, for Tail Lamps that do Not Have Combination Sockets and Require Flat Prop.....$0.55

Front Tag Clips for Ford Cars.

Attaches to Front of Car.

Per Pair

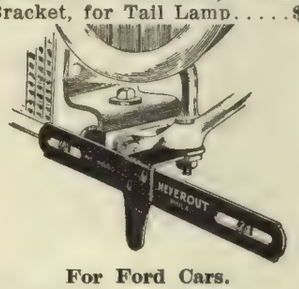
No. 97—Stamped from Heavy Gauge Steel, Black Enameled $0.25

One Pair in a Box.

Attaches to Rear of Car.

Each

No. 22—Black Enameled, with Bracket, for Tail Lamp.....$0.55



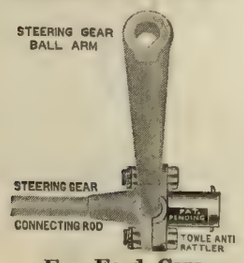
For Ford Cars.

For Attaching Front Number to Bolt at Bottom of Front Headlight Bracket of 1915 Ford Car. Each

No. 440—Stamped from Heavy Gauge Steel, Black Enameled $0.40

Anti-Rattlers.

STEERING ROD



For Ford Cars.

Each

No. 165—2¼x1¾ in., Malleable Iron, Black Japanned, to be Attached to Steering Gear Connecting Rod $0.35

Weight Each About 4 Ounces.

TORSION ROD

For Ford Cars.

Each

No. 164—3x2½ in., Malleable Iron, Black Japanned, to be Attached to End of Torsion Rod $0.40

Weight Each About 9 Ounces.

BRAKE ROD

For Ford Cars.

Per Pair

No. 166—3½x2 in., Malleable Iron, Black Japanned, to be Attached to Brake Rod.....$0.65

Weight Per Pair About 1¼ Pounds.

Automobile Door Checks

ANTI-RATTLING

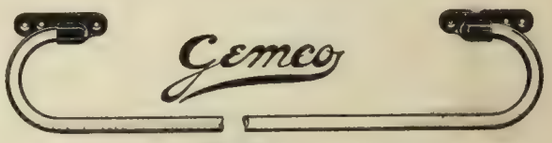
For Ford Cars.

Made to Exact Size of the Regular Ford Door Catch and is to be Used in Place of it. A Flat Spring at the Back of the Catch Provides a Resilient Buffer Against which the Door has a Bearing, this Positively Checks the Shake and Noise of the Ford Door.

Per Set of 3

No. 500—Malleable Iron, Black Japanned, for **Ford Touring Cars,** Models 1914, 1915 and 1916...**$1.30**
Weight Per Set About ¾ Pound.

Robe Rails



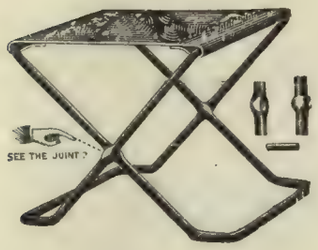
For Ford Cars.

All Black Enameled.

Each

Style "P"—26 in. Long, ⅝ in. Diameter Rail, 4 in. Body Clearance **$0.80**

Third Seats



Improved, Folding.

Per Dozen

No. 48—Polished Steel, Black Enameled, Covered with Brussels Carpet, 9x8 in. Seat, 7 in. High, Weight Per Dozen About 30 Lbs.....**$10.00**
The Joint is upset to double the size of the box, giving additional strength.

Folding Chairs

Imperial, Folding.

Per Dozen

No. 211—Best Oval Steel Frame, Black Japanned, Upholstered Black Waterproof Art Leather Seat and Back Rest, 11x12 in. Seat, 16 in. High to Seat, 12½x3½ in. Back, Weight Each About 10 Lbs.....**$31.10**

Mirrors

REAR SIGHT REDUCING

4 in. Diameter CONVEX LENS, Metal Frame.

Each

No. 103—Black Hard Rubber Finish.....**$1.65**
No. 103N—Black Hard Rubber Finish, Nickel Plated Rim **1.65**
Weight Each About 1¼ Pounds.

OVAL REAR SIGHT

5x7 in. Beveled Glass, Ball and Socket Adjustment, Metal Frame.

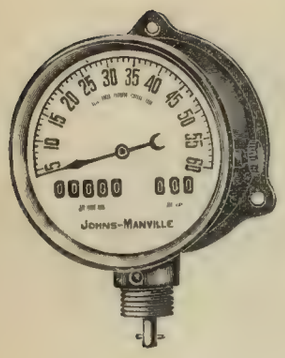
Each

No. 101-A—Black Hard Rubber Finish.....**$3.65**
No. 101-N—Black Hard Rubber Finish, Nickel Plated Rim **3.65**
Weight Each About 2¼ Pounds.

Speedometers

J. M.

For Ford Cars.



Speed Scale 5 to 60 Miles, the Speed Hand Cannot Interfere with the Trip or Season Odometer Readings. The Speed of Car Can be Read at a Glance by Noting the Angle of the Hand. Self-Enclosed Odometer Registers Cumulative Season's Mileage up to 100,000 Miles, and Trip Mileage (Miles and Tenths up to 10 Miles) Tenths in Red Figures. Trip Mileage May be Reset to Any Figure Desired by Revolving the Reset Knob on Side of Instrument. This Feature Enables the Determination of Trip Runs without Disturbing Total Mileage.

Each

J. M. Ford Speedometers—3¼ in. Standard White Dial, Complete with All Fittings, Weight Each About 6 Lbs. **$13.30**

The J. M. Speedometer is the last word in simplicity, for the number of parts has been reduced to a minimum; there are no hair springs or magnets or delicate parts that severe jolting and rough riding can put out of order.

The parts comprise merely a governor shaft, a worm drive, an odometer movement, and a small section for operating the indicating hand.

Automobile Clocks

DUANE

One Day, Stem Wind and Set.

To be Fastened to Dash or Cowl-Board with Screws.

Each

No. 10—3½ in. High, 2⅞ in. Wide, Seamless Brass Case, Heavily Nickel Plated, Watch May be Removed from Case and Carried in Pocket. . . . **$3.10**

No. 11—Same Description as No. 10, but Black Enameled Body with Nickel Plated Bezel. **3.10**

Weight Each About ½ Pound.

One in a Box.

SHASTA

Eight Day, Key Wind.

To be Fastened to Dash or Cowl-Board with Screws.

Each

No. 12—3¾ in. High, 2¾ in. Dial, Seamless Brass Case, Black Enameled Body, with Nickel Plated Bezel **$6.10**

Weight Each About 1¼ Pounds.

One in a Box.

DENVER COWL

Eight Day, Key Wind.

To be Screwed to Cowl-Board.

Each

No. 13—3¾ in. Diameter Over All, 2¾ in. Dial, Seamless Brass Case, Black Enameled Body with Nickel Plated Bezel **$6.65**

Weight Each About 1¼ Pounds.

One in a Box.

NEW ORMOND

Eight Day, Key Wind.

To be Screwed to Dash or Cowl-Board, Thief-Proof, Invisible Screws.

Each

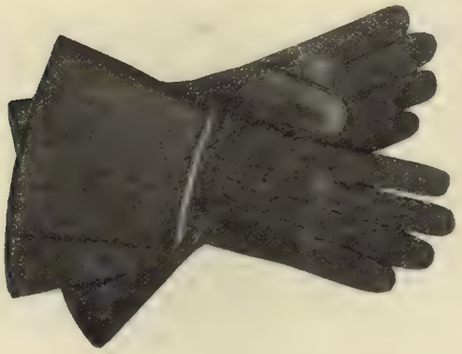
No. 14—4 in. Diameter Over All, 3 in. Porcelain Dial, Seamless Brass Case, Heavily Nickel Plated. . . **$8.90**

No. 15—Same Description as No. 14, but Black Enameled Body with Nickel Plated Bezel. **8.90**

Weight Each About 1¼ Pounds.

One in a Box.

Automobile Gloves



Gauntlet.

	Per Dozen
No. 1400—Men's Black Brush Dyed Sheep, 5½ in. Gore Cuff, Unlined	**$21.10**
No. 1404—Men's Black Brush Dyed Sheep, 5½ in. Gore Cuff, Fleece Lined	**23.30**
No. 1401—Men's Black Brush Dyed Sheep, Large Panel Cuff, Tape Fastener at Wrist, Unlined	**30.00**
No. 1405—Men's Black Brush Dyed Sheep, Large Panel Cuff, Tape Fastener at Wrist, Fancy Fleece Lined	**33.30**
No. 1402—Men's Black Brush Dyed Cape Gauntlet, Large Folding Panel Cuff, Strap at Wrist, Unlined	**40.00**
No. 1406—Same Description as No. 1402, but Lama Wool Lined	**40.00**
No. 1407—Same Description as No. 1402, but Seamless Knit Wool Lined	**53.30**
No. 1403—Men's Black Brush Dyed Cape, Extra Large, Leather Lined Cuff, Strap at Wrist, Unlined	**53.30**
No. 1408—Men's Black Cape One Finger Gauntlet, Large Cuff, Strap at Wrist, Genuine Lamb Lined	**80.00**

Note—Any of the Above Gauntlet Gloves can be furnished in One Fingered Style or a Full Mitten Style at the Same Price, when order so specifies.

Automobile Goggles

Frosted Aluminum Round Eye Cup and Frame, Leather Hinges.

Per Dozen

No. 284—White Lenses, Bound with Silk and Chenille, Adjustable Elastic Head Band, Fitted with a Screw Ring which Securely Holds Lenses in Place **$13.30**

No. 284A—Amber Lenses, Otherwise Same as No. 284 ..... **13.30**

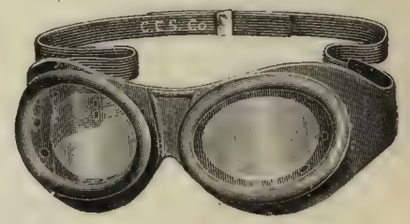
One Pair in a Box.

Four Way, Leather Mask, Edged with Velvet.

Per Dozen

No. 31—Four Removable Glass Lenses, Set in Metal Holders, Adjustable Head Band. **$10.00**

One Pair in a Box.



All Red Rubber Frame.

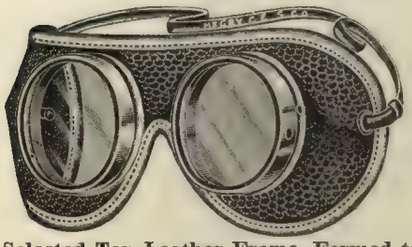
Per Dozen

No. 101—Curved **White Lenses,** Adjustable Head Band.... **$10.00**

No. 101A—Curved **Amber Lenses,** Adjustable Head Band **10.00**

One Pair in a Box.

Automobile Goggles

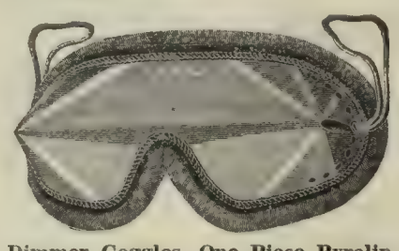


Selected Tan Leather Frame, Formed to Fit the Face.

Per Dozen

No. 24T—1⅞ in. Diameter Glass Lenses, 70 Mesh Fordmer Cloth Wire Gauze, Elastic Head Band **$2.00**

One Pair in a Box.



Dimmer Goggles, One Piece Pyralin, Rubber Bound.

Per Dozen

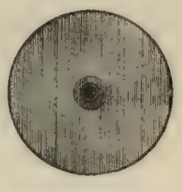
No. 3—Light Amber, Adjustable Head Band **$8.30**

No. 3A—Dark Amber, Adjustable Head Band **8.30**

No. 03A—Two Color, Amber, with Dark Green Top, Adjustable Head Band **10.00**

One Pair in a Box.

Glare Dimmers



4¾ in. Diameter.

Celluloid, Rubber Vacuum Cup Fastener.

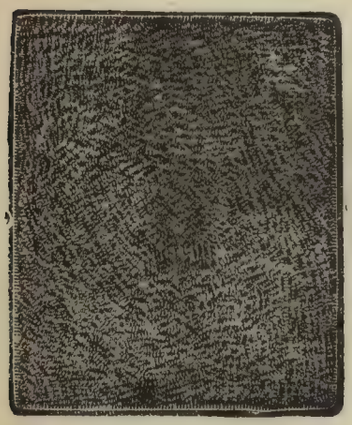
Per Dozen

No. 116—Green **$2.20**

No. 117—Amber **2.20**

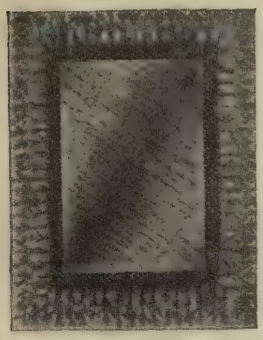
No. 118—Frosted **2.20**

Plush Robes.



	Each
No. 50—Plain Green Single Plush	$ 4.00
No. 52—50x60 in., Plain Heavy Double Plush, Green Face, Black Back	6.50
No. 54—54x66 in., **Extra Large**, Plain Heavy Double Plush, Green Face, Black Back	7.80
No. 60—50x60 in., Plain Heavy Double Plush, Green Face, Black Back, Rubber Interlined	8.70
No. 61—54x66 in., **Extra Large**, Plain Heavy Double Plush, Green Face, Black Back, Rubber Interlined	10.35
No. 62—50x60 in., **Protector Style**, Green Plush Back, Rubber Face	6.15
No. 63—54x66 in., **Protector Style**, Green Plush Back, Rubber Face	8.00
No. 64—51x72 in., **Protector Style**, Green Plush Back, Rubber Face	8.75
No. 65—50x60 in., Grey Vulcanized Cloth Face, Green Plush Back	5.75
No. 66—54x66 in., Grey Vulcanized Cloth Face, Green Plush Back	6.75

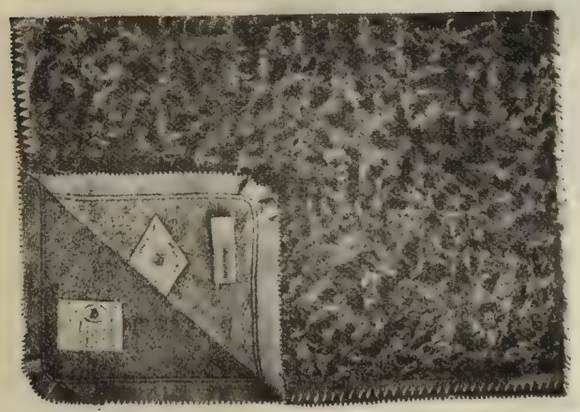
Nos. 62, 63 and 64.



Fancy

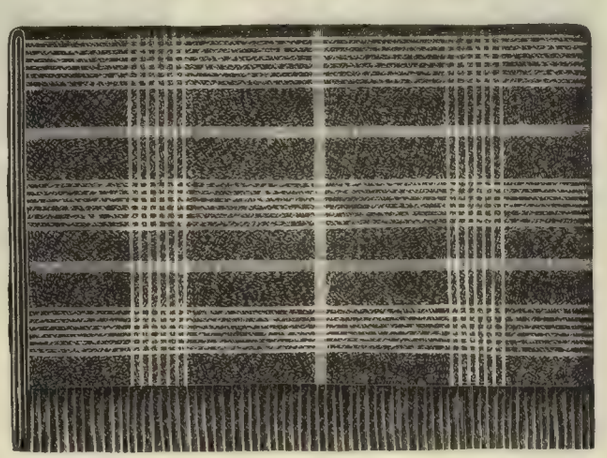
	Each
No. 70—Plush, Extra Heavy and Thick, Single, Fancy Diagonal Flowered Slash	$ 8.35
No. 72—Plush, Black Back, Double, Horse Head in Center, Neat Wreath of Flowers and Green Leaves in Border	9.50
No. 74—Plush, Black Back, Double, Tan and Green Square Border, Seal Brown, with Large Flower Diamond Center	9.50
No. 75—Plush, Black Back, Double, Double Diagonal Center Design, Horse Head Corners	10.70
No. 76—Plush, Black Back, Double, Large Floral Wreath Border, Seal Background, Large Rose in Center	12.80
No. 78—Plush, Black Back, Double, Fancy Diagonal Slash Center, Fancy Floral Corners, Checkered Border	12.50

Buffalo Cloth Robes.



	Each
No. 435—54x62 in., Dark Brown Woven Fur Cloth Face, Astrakhan Lined, Rubber Interlined, Double Border	$13.30
No. 436—54x72 in., Dark Brown Woven Fur Cloth Face, Astrakhan Lined, Rubber Interlined, Double Border	15.50
No. 437—54x62 in., Black Woven Fur Cloth Face, Astrakhan Lined, Rubber Interlined, Double Border	13.30
No. 438—54x72 in., Black Woven Fur Cloth Face, Astrakhan Lined, Rubber Interlined, Double Border	15.50

Auto Robes or Shawls.



60x80 in., Fringed Edges.	Each
No. 175—Blue, Red and White Plaid	$ 3.40
No. 80—Blue, Wine and Fawn Plaid	4.80
No. 129—Wine, Blue, White and Green Neat Block Plaid	5.85
No. 141—Neat Brown, Blue and White Face, Dark Blue, Green and Plaid Face	9.10
No. 260—Rich Seal Brown, Green and White Plaid Face, with Green, Red and White Block Plaid Back	11.35
No. 267—Small Green, Blue and White Block Plaid, with Blue, Green, Wine and Plaid Back	11.35
No. 462—Green, Brown, Blue, Fawn and White, Large Plaid Face, with Rich White, Red, Blue and Green Scotch Plaid Back	16.90
No. 463—Green and Dark Blue, with Fawn and Red Overplaid Face, with Large Bright Red and White Scotch Plaid Back	16.90
No. 639—Beautiful Green, Black, Brown and White Block Plaid Face, with Seal Brown, Blue and White Plaid Back	17.25

Fur Robes.

	Each
No. 400—48x60 in., Grey Selected China Goat, Green Plush Lined, Single Border	$16.00
No. 401—54x66 in., Grey Selected China Goat, Green Plush Lined, Double Border	21.30
No. 402—60x70 in., Grey Selected China Goat, Green Plush Lined, Double Border	26.00
No. 405—54x66 in., Black Cub Bear, Black Plush Lined, Double Border	23.70
No. 406—60x70 in., Black Cub Bear, Black Plush Lined, Double Border	28.30
No. 410—54x66 in., Brown Cub Bear, Brown Plush Lined, Double Border	23.70
No. 411—60x70 in., Brown Cub Bear, Brown Plush Lined, Double Border	28.30
No. 415—54x66 in., Black Russian Dog, Black Plush Lined, Double Border	28.00
No. 416—60x70 in., Black Russian Dog, Black Plush Lined, Double Border	32.00
No. 425—54x66 in., Black Alaska Whole Horsehide, Black Plush Lined	32.00
No. 430—54x66 in., Fine Cabretta Brown Sheep, Brown Plush Lined, Double Border	22.75
No. 431—60x70 in., Fine Cabretta Brown Sheep, Brown Plush Lined, Double Border	26.70

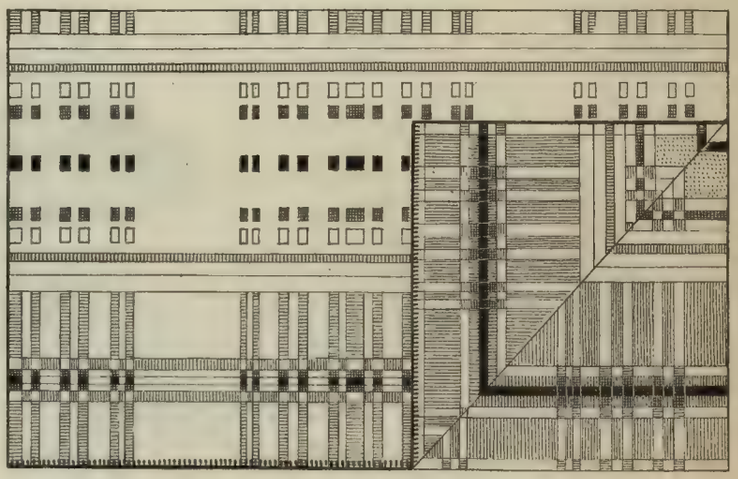
Weight Each About 10 Pounds.

Wool Robes.

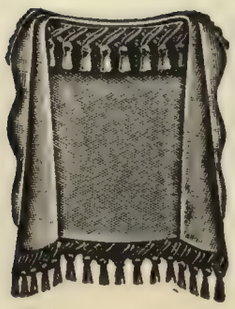
	Each
Palmer—60x84 in., Black and Grey Long Drop Box Plaid, with White, Green and Red Overplaid	$4.10
Stanley—60x84 in., Fawn, Red, Black and Grey Dot, Box Plaid	4.80
Polo—60x84 in., Wine and Green Small Dotted Plaid	5.25
Les Vegas—60x84 in., Blue and Brown Large Drop Box Plaid, with Red, White and Green Overplaid	5.35
Stillwell—60x84 in., Large Block Plaid Body with Fancy Red, Blue and Green Drop Box Border	6.70
Wichita—60x84 in., Seal Brown and Blue Drop Box Plaid, with Red and White Overplaid Border and Headings	6.70

All Above are with Bound Edges, Not Fringed. Made with a Wool Filling.

Weight Each About 5 Pounds.



Summer Lap Dusters.



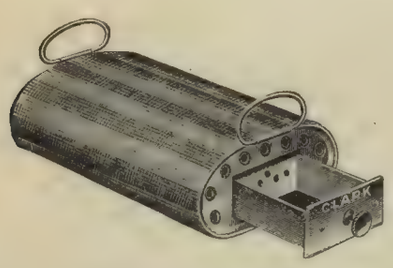
Automobile Size.

	Each
No. 50—50x72 in., Tan, Fancy Jacquard Weave, with Fringe	$2.20
No. 51—50x72 in., Slate, Basket Weave, Momie Cloth, Hemmed Edge	2.25
No. 52—50x72 in., Olive and Brown, Basket Weave, Momie Cloth, Hemmed Edge	2.25
No. 53—50x72 in., Seal Brown, Honey Comb Weave, Momie Cloth, Hemmed Edge	2.50

Weight Each About 2 Pounds.

Carriage Heaters.

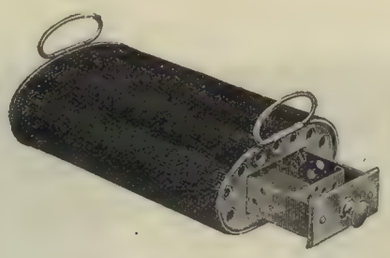
CLARK



Oval, Sheet Steel Frame.

Each

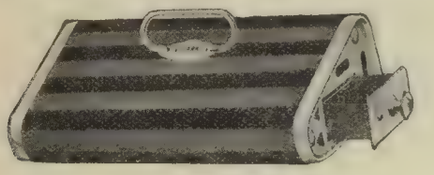
No. 5B—12 in. Long, Covered with Fine Brussels Carpet, Asbestos Lined, Wire Handles, White Metal Ends **$2.25**
Weight Each About 4 Pounds.



Oval, Sheet Steel Frame.

Each

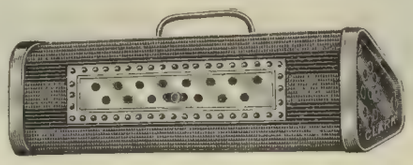
No. 3D—14 in. Long, Covered with Fine Brussels Carpet, Asbestos Lined, Braid Binding, Triple Strength White Metal Ends **$2.90**
Weight Each About 7 Pounds.



Triangular, Sheet Steel Frame.

Each

No. 7C—14 in. Long, Covered with Fine Grade Rich Green Brussels Carpet, Adjustable End Ventilator **$2.70**
Weight Each About 8 Pounds.



Triangular, Riveted Sheet Steel Frame.

Each

No. 7D—14 in. Long, Covered with Extra Quality Green Brussels Carpet, Asbestos Lined, Adjustable Side and End Ventilators, Cold Drawn Steel Ends, Heavily Nickel Plated **$3.35**
Weight Each About ¼ Pound.

Automobile Heaters.

CLARK

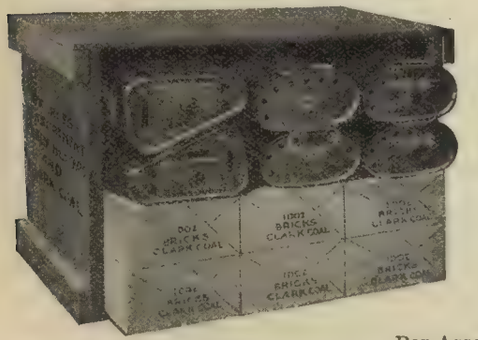
Triangular, Riveted Sheet Steel Frame.

Each

No. 7X—14 in. Long, Covered with Mohair Plush in Rich Shades of Maroon, Blue or Green, Asbestos Lined, Adjustable Side and End Ventilators, Cold Drawn Steel Ends, Heavily Nickel Plated **$6.10**
Weight Each About 9 Pounds.

Carriage Heater Assortments.

PEERLESS

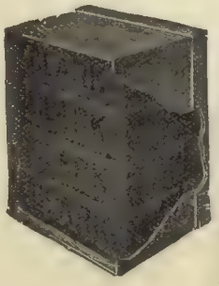


Per Assortment

Peerless—Contains 2 No. 5B Clark Hearters, 2 No. 3D Clark Heaters, 2 No. 7D Clark Heaters and 6 Dozen Clark Coal **$23.50**
One Assortment in a Box.

Carriage and Automobile Heater Coal.

CLARK



Per Dozen

Clark Coal—7½x2½x1¼ in. Brick, Made from the Purest Ingredients **$1.10**

Per Case of 100

Clark Coal—100 Bricks in Case **$8.90**

Vacuum Bottles.

UNIVERSAL

Nos. 71 and 72.

Black Enameled Body, Nickel Plated Shoulder and Cap, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	71	72
Capacity	1 Pint	1 Quart
Weight Each About, Lbs	1½	2½
Each	$2.25	3.75

Black Enameled Body, Aluminum Shoulder and Cap, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	21	22
Capacity	1 Pint	1 Quart
Weight Each About, Lbs	1½	2½
Each	$1.90	3.00

Nos. 21 and 22.

Nos. 81 and 82.

Seamless Drawn Brass Metal Case, Full Nickel Plated, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos	81	82
Capacity	1 Pint	1 Quart
Weight Each About, Lbs	1½	2½
Each	$3.00	4.50

Gift and Prize Bottles, Full Nickel Plated Seamless Drawn Brass Metal Case, with Green Levant Morocco Cover, Rubber Gasket at Shoulder, Patented Spring Retainer and Shock Absorber.

Nos	861	862
Capacity	1 Pint	1 Quart
Weight Each About, Lbs	1½	2½
Each	$4.50	6.75

Nos. 861 and 862.

No. 822.

Extra Glass Fillers for Above Vacuum Bottles.

Nos.	01	02
Capacity	1 Pint	1 Quart
Each	$1.50	2.60

Vacuum Carafes

UNIVERSAL, Seamless Drawn Brass Metal Case, Full Nickel Plated.	Each
No. 822—Capacity 1 Quart, Metal and Cork Stopper, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber, Weight Each About 3 Lbs	$6.00
No. 022—Extra Glass Filler, for No. 822 Vacuum Carafe	4.50

Carrying Cases for Vacuum Bottles.

Well Made of Black Grained Leatherol, Bright Green Lining, Leather Strap with Buckle.

Single, for One Bottle.

Nos.	501	502
For Bottles, Capacity	1 Pint	1 Quart
Weight Each, Lbs	½	¾
Each	$1.50	1.90

Double, for Two Bottles.

Nos.	521	522
For Bottles, Capacity	1 Pint	1 Quart
Weight Each, Lbs	1¼	2
Each	$2.60	3.40

DEPARTMENT No. 10

BICYCLES AND ACCESSORIES

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

10

DEPARTMENT NO. 10

BICYCLES AND BICYCLE SUPPLIES

Tires
Inner Tubes
Tire Tape
Saddles
Bicycle Chains
Bicycle Lamps
Patching Rubber
Luggage Carriers
Pedals
Handle Bars
Flashlights
Bicycle Bells

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

EVERKEEN
J.P.H.CO.
TRADE MARK

INDEX.

A

Page

Ammeters—
Pocket 1969
Pocket Volt 1969
Assortments—
Bicycle Bell 1965
Never Leak Tire Fluid.... 1976
Axle Sets—Bicycle 1962

B

Bags—Bicycle Tool 1963
Balls—Bicycle Steel 1966
Balm—Tire 1976
Bar Grips—Handle 1960
Bar Stems—Handle 1961
Bars—
Bicycle Handle 1960
Motor Bike Handle..... 1960
Battery and Bulb Testers..... 1968
Bell Assortments—Bicycle..... 1965
Bells—Bicycle 1964, 1965
Bicycle Bell Assortments 1965
Bicycle Bells 1964, 1965
Bicycle Chains 1963
Bicycle Cyclometers 1974
Bicycle Enamel 1976
Bicycle Electric Lamps 1968
Bicycle Foot Pumps 1972
Bicycle Gas Lamps 1967
Bicycle Hand Pumps 1973
Bicycle Handle Bars 1960
Bicycle Lamps 1967, 1968
Bicycle Nuts 1962
Bicycle Oil 1976
Bicycle Oilers 1974
Bicycle Oil Lamps 1967
Bicycle Padlocks 1964
Bicycle Pedals 1959
Bicycle Pumps 1972, 1973
Bicycle Repair Parts 1955
Bicycle Saddles 1961
Bicycle Sirens 1965
Bicycle Stands 1966
Bicycle Tires 1956, 1957
Bicycle Tool Bags 1963
Bicycle Washers 1962
Bicycle Whistles 1964
Bicycles—
Boys' 1954
Girls' 1954
Juvenile 1954
Ladies' 1952
Men's .....1951 to 1953
Boys' Bicycles 1954
Brackets—
Bicycle Lamp 1967, 1968
Cyclometer 1955
Brake Repairs—Coaster 1955
Brakes—Coaster 1955
Built Up Wheels..... 1966

C

Calcium Carbide 1968
Carbide—Calcium 1968
Carriers—Luggage 1958
Cements—
Hard Tire 1975
Rim 1975
Rubber 1975
Wood Rim 1975
Chain Lubricant 1976
Chains—Bicycle 1963
Clamps—Bicycle Saddle 1962
Clips—Bicycle Toe 1963
Coaster Brake Repair Parts..... 1955
Coaster Brakes 1955

C

Page

Coat Pocket Flash Lights..... 1970
Connections—Bicycle Pump..... 1973
Couplings—Pump Hose 1973
Cyclometer Brackets 1974
Cyclometer Spoke Pins 1974
Cyclometers—
Bicycle 1974
Motorcycle 1974
Trip 1974

E

Electric Bicycle Lamps 1968
Electric Hand Lamps 1968
Enamel—Bicycle 1976

F

Flash Lights .....1969 to 1971
Fluid—Neverleak Tire 1976
Foot Pumps—Bicycle 1972
Front Hubs—Bicycle 1962

G

Gas Lamps—Bicycle 1967
Gauges—Tire Pressure 1973
Girls' Bicycles 1954
Grips—
Handle Bar 1960
Spoke Nipple 1966
Guards—Trouser 1963

H

Hand Lamps—Electric 1968
Hand Pumps—Bicycle 1972
Handle Bar Grips—
Bicycle 1960
Motor Bike 1960
Handle Bar Stems 1961
Handle Bars—
Bicycle 1960
Motor Bike 1960
Hard Tire Cement..... 1975
Hose Couplings—Bicycle Pump.. 1973
Hubs—
Front Bicycle 1962
Rear Bicycle 1962

I

Inner Tubes—Bicycle Tire..... 1957

J

Juvenile Bicycles 1954

L

Lacing Twine—Tire 1958
Ladies' Bicycles 1952
Lamp Brackets—Bicycle ...1967, 1968
Lamps—
Bicycle 1967, 1968
Electric Hand 1968
Lights—
Flash .....1969 to 1971
Pistol Flash 1969
Links—Bicycle Chain Repair.... 1963
Lubricant—Chain 1976
Luggage Carriers 1958

M

Page

Men's Bicycles .....1951 to 1953
Miners' Flash Lights.....1970, 1971
Motor Bike Handle Bars..... 1960
Motorcycle Cyclometers 1974
Motorcycle Cyclometer Brackets. 1974
Motorcycle Cyclometer Spoke Pins 1974

N

Nipple Grips—Spoke 1966
Nipple Washers 1966
Nuts—Bicycle 1962

O

Oil—Bicycle 1976
Oil Lamps—Bicycle 1967
Oilers—Bicycle 1976

P

Padlocks—Bicycle..... 1964
Parts—
Bicycle Repair 1955
Coaster Brake 1955
Valve 1957
Patching Rubber 1958
Pedals—Bicycle 1959
Pins—Cyclometer Spoke 1974
Pistol Flash Lights..... 1969
Plugs—
Repair 1958
Spark 1969
Pocket Ammeters 1969
Pocket Flash Lights 1970, 1971
Pocket Volt Ammeter 1969
Posts—Bicycle Seat 1962
Pressure Gauges—Tire 1973
Pump Connections—Bicycle 1973
Pump Hose Couplings 1973
Pumps—
Bicycle Foot 1972
Bicycle Hand 1971

Q

Quick Repair—Bicycle Tire..... 1975

R

Rear Hubs—Bicycle 1962
Repair—Bicycle Tire, Quick.... 1975
Repair Links—Bicycle Chain.... 1963
Repair Plugs 1958
Repair Tools 1958
Repairs—
Bicycle 1955
Coaster Brake 1955
Rim Cement 1975
Rims—Bicycle Wood 1966
Rubber Cement 1975
Rubber—Patching 1958

S

Saddle Clamps—Bicycle 1962
Saddle Springs—Bicycle 1962
Saddles—Bicycle 1961
Seat Posts—Bicycle 1962
Sets—
Bicycle Front Axle..... 1962
Bicycle Rear Axle..... 1962
Shoe Valves 1957

S

Page

Sirens—Bicycle 1965
Soapstone 1976
Spark Plugs 1969
Spokes and Nipples..... 1966
Spoke Pins—Cyclometer 1974
Springs—Bicycle Saddle 1962
Stands—
Bicycle 1966
Wheel Truing 1966
Steel Bicycle Balls..... 1966
Stems—
Handle Bar 1961
Valve 1957
Valves and 1957

T

Tape—Tire 1958
Telescopic Pumps—Bicycle 1973
Testers—Battery and Bulb..... 1968

T

Page

Tire Balm 1976
Tire Cement—Hard 1975
Tire Fluid—Neverleak 1976
Tire Lacing Twine 1958
Tire Pressure Gauges 1973
Tire Tape 1958
Tires—Bicycle 1956, 1957
Toe Clips—Bicycle 1963
Tool Bags—Bicycle 1963
Tools—Repair 1958
Trip Cyclometers 1974
Trouser Guards 1963
Truing Stand—Wheel 1966
Tubes—Bicycle Tire, Inner..... 1957
Tubular Flash Lights.....1970, 1971
Twine—Tire Lacing 1958

V

Page

Valve Parts 1957
Valve Stems 1957
Valves and Stems—Bicycle 1957
Valves—Shoe 1957
Vest Pocket Flash Lights..1970, 1971
Volt Ammeters—Pocket 1969

W

Washers—
Bicycle 1962
Nipple 1966
Wheel Truing Stands..... 1966
Wheels—Bicycle Built Up..... 1966
Whistles—Bicycle 1964
Wood Rim Cement..... 1975
Wood Rims—Bicycle 1966
Wrenches—Bicycle 1974

Bicycles.

MEN'S FAMOUS

Frame Construction—Flush Joints, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ¾ in. 18 Gauge, Stays ¾ in. 19 Gauge.
Height of Frame—22 in.
Finish—Enameled Yale Blue, Nickel Plated Trimmings.
Rims—One Piece Maple, Enameled.
Crown—Oval Pattern, Drop Forged.
Hubs—Corbin Front Hub, with Ball Retainers.
Hanger—One Piece Forging, 7 in. Cranks.
Chain—$\frac{3}{16}$ in., Roller.
Handle Bar—Extension, Adjustable, with Leather Wound Grips.
Saddle—Grain Leather, Padded, with Coil Springs.
Pedals—Rat Trap.

	Each
No. 150 —With 28x1½ in. Famous Single Tube Tires, **without** Coaster Brake	**$28.90**
No. 151 —With 28x1½ in. Famous Single Tube Tires **and** New Departure Coaster Brake	**36.15**
No. 150C—With 28x1⅝ in. Pritzlaff Clincher Tires, **without** Coaster Brake	**35.10**
No. 151C—With 28x1⅝ in. Pritzlaff Clincher Tires **and New** Departure Coaster Brake	**42.25**

Weight Each About 55 Pounds.

MEN'S PRITZLAFF SPECIAL

Frame Construction—Flush Joints, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ¾ in. 18 Gauge, Stays ¾ in. 19 Gauge.
Height of Frame—20, 22 or 24 in.
Finish—Enameled Black, with Red Head and Gold Stripes.
Rims—One Piece Maple, Enameled to Match Frame.
Crown—Drop Forged, Diamond Pattern.
Hubs—Corbin Front Hub, with Ball Retainers.
Hanger—One Piece Forgings, 7 in. Cranks.
Chain—$\frac{3}{16}$ in., Imported English Twin Roller.
Handle Bar—Ram's Horn, Extension, Adjustable, with Leather Wound Grips.
Saddle—Admiral Suspension.
Pedals—World Rat Trap (Wide.)
Tool Bag—Containing Pump, Wrench and Oil Can.

	Each
No. 110 —With 28x1⅝ in. Pritzlaff Special Single Tube Tires, **without** Coaster Brake	**$36.15**
No. 111 —With 28x1⅝ in. Pritzlaff Special Single Tube Tires and New Departure Coaster Brake	**43.35**
No. 110C—With 28x1⅝ in. Pritzlaff Clincher Tires, **without** Coaster Brake	**40.00**
No. 111C—With 28x1⅝ in. Pritzlaff Clincher Tires, and New Departure Coaster Brake	**47.25**

Weight Each About 59 Pounds.
Extra for Mud Guard, $2.15.

NOTE—Pritzlaff Special Bicycles are Carried in 22 in. Frame Only. 20 and 24 in. Frame Bicycles Shipped from Chicago.

Bicycles.

MEN'S PRITZLAFF SPECIAL MOTOR BIKE

With Motor Bike Equipment.

Frame Construction—Flush Joints, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ¾ in. 18 Gauge, Stays ¾ in. 19 Gauge.
Height of Frame—20, 22 or 24 in.
Finish—Enameled Black, with Red Head and Gold Stripes.
Rims—One Piece Maple, Enameled to Match Frame.
Crown—Drop Forged, Diamond Pattern.
Hubs—Corbin Front Hub, with Ball Retainers.
Hanger—One Piece Forging, 7 in. Cranks.
Chain—$\frac{3}{16}$ in., Imported English Twin Roller.
Handle Bar—Motor Cycle, with Large Rubber Grips.
Saddle—Road King.
Pedals—World Rubber.
Stand—Quick Action.
Mud Guards—Steel, Enameled.
Tool Bag—Containing Pump, Wrench, Oil Can and Tire Kit.

Each

No. 111M —With 28x1⅝ in. Pritzlaff Special Single Tube Tires and New Departure Coaster Brake..... **$50.65**
No. 111CM—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake..... **54.65**

Weight Each About 69 Pounds.

Note—Pritzlaff Special Bicycles are Carried in 22 in. Frame Only, 20 and 24 in. Frame Bicycles Shipped from Chicago.

LADIES' PRITZLAFF SPECIAL

Frame Construction—Flush Joints, Drop Pattern, Seamless Tubing, Main Frame 1 in. 19 Gauge, Forks ¾ in. 18 Gauge, Stays ¾ in. 19 Gauge.
Height of Frame—20 in.
Finish—Enameled Black, with Red Head and Gold Stripes.
Rims—One Piece Maple, Enameled to Match Frame.
Crown—Drop Forging, Diamond Pattern.
Hubs—Corbin Front Hub, with Ball Retainer.
Hanger—One Piece Forging, 6½ in. Cranks.
Chain—$\frac{3}{16}$ in., Imported English Twin Roller.
Guards—For Dress and Chain, Steel, Enameled to Match Frame.
Handle Bar—Extension, Adjustable, with Leather Wound Grips.
Saddle—Grain Leather, Padded, with Coil Spring.
Pedals—Rubber.
Tool Bag—Containing Pump, Wrench, Oil Can and Tire Kit.

Each

No. 200 —With 28x1⅝ in. Pritzlaff Special Single Tube Tires, **without** Coaster Brake..... **$38.25**
No. 201 —With 28x1⅝ in. Pritzlaff Special Single Tube Tires and New Departure Coaster Brake..... **46.00**
No. 200C—With 28x1⅝ in. Pritzlaff Clincher Tires, **without** Coaster Brake **42.25**
No. 201C—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake..... **50.00**

Weight Each About 64 Pounds.

Bicycles.

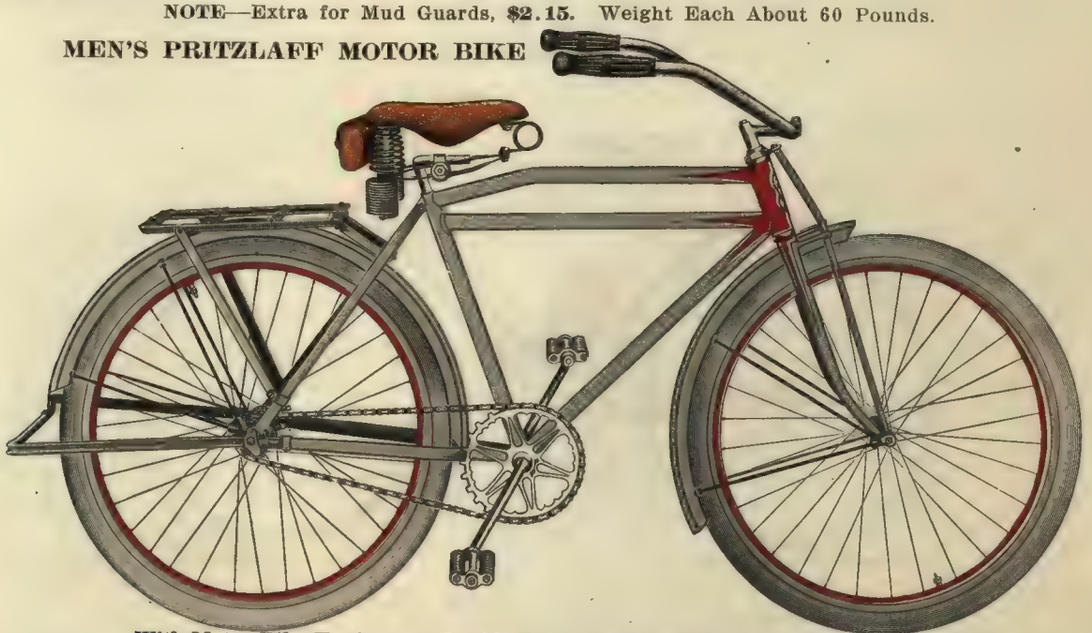
MEN'S PRITZLAFF No. 5, ARCH TRUSS

Frame—1 in. Seamless Tubing, 18 Gauge, in Main Frame and Rear Forks and Stays.
Height of Frame—22 in.
Finish—Handsomely Enameled in Deep Rich Black, with Fancy Green Sunburst Head and Double Panel Green Hairline Stripes.
Front Fork—Fancy Ribbed, Fork Sides Nickel Plated.
Crown—Drop Forged, Diamond Pattern.
Rims—One Piece Maple, Enameled to Match.
Wheels—28 in.
Hubs—New Departure.
Brake—New Departure.
Hanger—One Piece Fauber Pattern, 7 in., Diamond Pattern.
Chain—⅛ in., English Twin Roller, ½ in. Pitch.
Front Sprocket—60 Tooth, Handsome Design, Rolled Edge.
Rear Sprocket—20 Tooth.
Handle Bar—Improved Extension, Ram's Horn Style, with Long Rubber Grips.
Saddle—Improved Road King, Suspension Type.
Pedals—World Rubber.
Tool Bag—Oval Pattern, Grain Leather, Containing Pump, Wrench, Oiler and Tire Repair Kit.

		Each
No. 5	—With 28x1½ in. Pritzlaff No. 5 Single Tube Tires, **without** Coaster Brake	**$46.75**
No. 5C	—With 28x1½ in. Pritzlaff No. 5 Single Tube Tires and New Departure Coaster Brake	**52.75**
No. 50	—With 28x1⅝ in. Pritzlaff Clincher Tires, **without** Coaster Brake	**49.50**
No. 50C	—With 28x1⅝ in. Pritzlaff Clincher Tires and New Departure Coaster Brake	**55.60**

NOTE—Extra for Mud Guards, **$2.15.** Weight Each About 60 Pounds.

MEN'S PRITZLAFF MOTOR BIKE



With Motor Bike Equipment, Double Bar or Truss Frame, Motor Cycle Design.

Frame—1 in. Seamless Tubing, Well Reinforced.
Height of Frame—20 in.
Finish—Battleship Gray, with Fancy Red Sunburst Head and Nicely Striped with Red and Blue Hairlines.
Fork—Truss Pattern, Nicely Decorated.
Rims—One Piece Maple, Steel Lined, for Clincher Tires.
Wheels—28 in.
Hangers—One Piece Fauber Pattern, 7 in., Diamond Pattern.
Chain—$\frac{3}{16}$ in., English Twin Roller.
Sprocket—Front, 26 Tooth, Heart Pattern, 9 Tooth Rear.
Handle Bar—Motorbike Extension, Long Rubber Grips.
Saddle—Eagle Easy, Motorcycle Type.
Pedals—World Rubber.
Tool Bag—Triangular, Grain Leather, Containing Pump, Wrench, Oiler and Tire Repair Kit.
Mud Guards—Deep Drop Side, Sheet Metal, Motorcycle Style.
Rear Stand—To Support Bicycle.
Package Carrier—Metal, Detachable.

		Each
No. 50CM	—With 28x1⅝ in., Pritzlaff Clincher Tires and New Departure Coaster Brake	**$60.00**

Weight Each About 72 Pounds.

Bicycles.

BOYS' JUVENILE

Frame—Seamless Tubing, 18 in. High.
Finish—Enameled Black, with Red Head, Nickel Plated Trimmings.
Wheels—26 in.
Tires—Juvenile, Single Tube.
Forks—Juvenile, Fork Sides Nicely Tapered.
Hanger—One Piece Crank, 5½ in.
Chain—⅜ in., Diamond Block.
Handle Bar—Juvenile, Adjustable.
Saddle—Juvenile, Padded.
Pedals—Juvenile.
Tool Bag—Containing Pump, Wrench and Oiler.

	Each
No. 250—Boys' Juvenile, without Coaster Brake	**$30.50**
No. 251—Boys' Juvenile, with New Departure Coaster Brake	**38.00**

Weight Each About 53 Pounds.

GIRLS' JUVENILE

Frame—Seamless Tubing, 18 in. High.
Finish—Enameled Black, with Red Head, Nickel Plated Trimmings.
Wheels—26 in.
Tires—Juvenile, Single Tube.
Forks—Juvenile, Fork Sides Nicely Tapered.
Hanger—One Piece Crank, 5½ in.
Chain—⅜ in., Diamond Block.
Handle Bar—Juvenile, Adjustable.
Saddle—Juvenile, Padded.
Pedals—Juvenile.
Dress Guard—Steel, Enameled.
Tool Bag—Containing Pump, Wrench and Oiler.

	Each
No. 260—Girls' Juvenile, without Coaster Brake	**$31.75**
No. 261—Girls' Juvenile, with New Departure Coaster Brake	**39.00**

Weight Each About 52 Pounds.

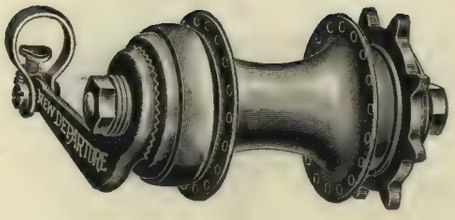
Repair Parts for Pritzlaff Bicycles.

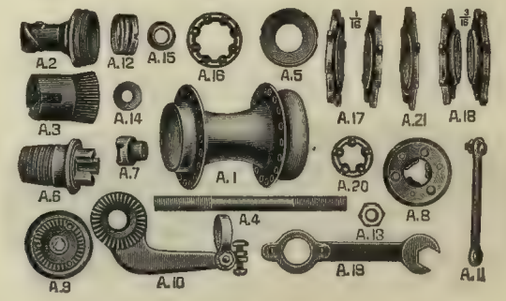
	Each
Front Cones	$0.20
Front Cups	.20
Front Retainers	.10
Front Retainers and Balls	.10
Front Axle	.15
Rear Cones	.25
Rear Cups	.25
Rear Retainers	.10
Rear Retainers and Balls	.10
Rear Axle	.15
Rear Locknut	.10
Head Stationary Cones	.15
Head Adjusting Cones	.20
Head Cups	.20
Head Retainers	.10

	Each
Head Retainers and Balls	$0.10
Head Locknut and Washer	.15
Crank Stationary Cones	.50
Crank Adjusting Cones	.50
Crank Cups	.35
Crank Locknut and Washer	.15
Crank Retainers	.10
Crank Retainers and Balls	.15
Round Crank	1.50
Diamond Crank	1.75
Chain Adjusting Screw	.10
Cement Rims, Wood Enameled	1.00
Front Fork, Oval or Diamond	2.50
Front Fork, 3-Plate Ribbed	3.00
Hanger Sprocket	1.00

NOTE—When Ordering Parts, Mention for which Pritzlaff Bicycle Same are Wanted.

Bicycle Coaster Brakes.





Each

No. A—New Departure Regular, Length Over All 4 3/16 in., 36 Spoke Holes, 8 and 9 Tooth Sprockets, for 1/2 in. Chain...$7.25

Weight Each About 2¼ Pounds.

PARTS FOR No. A COASTER BRAKE

Discount on Application.

	Each
No. A- 1—Hub Shell	$1.50
No. A- 2—Driver	.75
No. A- 3—Clutch Sleeve	.40
No. A- 4—Axle	.20
No. A- 5—Sprocket Set Nut	.20
No. A- 6—Brake Clutch	.50
No. A- 7—Axle Adjusting Cone	.25
No. A- 8—Brake, Complete	.75
No. A- 9—Brake Disc	.40
No. A-10—Brake Arm	.30
	Per Set
No. A-11—Clip, Nut and Bolt	$0.10

	Each
No. A-12—Transfer Sleeve	$0.10
No. A-17—Sprocket, 1/8 in. Offset, 7 to 12 Tooth	.20
No. A-21—Straight Sprocket, 7 to 12 Tooth	.20
No. A-18—Sprocket, 3/16 in. Offset, 7 to 12 Tooth	.20
No. A-16—Large Ball Retainer	.20
No. A-20—Small Ball Retainer	.15
	Per Pair
No. A-14—Axle Washer, Plain	$0.05
	Each
No. A-15—Socket Washer	$0.05
No. A-13—Axle Nut	.05
No. A-19—Wrench	.15

Bicycle Tires.

SINGLE TUBE

Corrugated Tread.

	Per Pair
Pritzlaff Special—28x1⅝ in.	**$8.35**

Weight Per Pair About 5 Pounds.

Heavy Corrugated Tread.

	Per Pair
Pritzlaff No. 5—28x1½ in.	**$9.00**

Weight Per Pair About 5 Pounds.

Fine Corrugated Tread.

	Per Pair
Pritzlaff Famous—28x1½ in.	**$6.15**

Weight Per Pair About 4½ Pounds.

Red Tread, Vacuum Cup, Non-Skid.

	Per Pair
Red Tread—28x1½ in.	**$13.35**
Red Tread—28x1⅝ in.	**13.35**

Weight Per Pair About 6 Pounds.

DOUBLE TUBE

PRITZLAFF CLINCHER, DETACHABLE

Tires Complete.

	Each
Pritzlaff Clincher—28x1⅝ in.	**$11.15**

Weight Per Pair About 5½ Pounds.

Outer Casings.

	Each
Pritzlaff Clincher—28x1⅝ in.	**$3.90**

Weight Per Pair About 4¼ Pounds.

Inner Tubes.

	Each
Pritzlaff Clincher—28x1⅝ in.	**$1.70**

Weight Per Pair About 1¼ Pounds.

U. S. TIRE CO.

Tires Complete.

	Per Pair
No. S2—28x1½ in.	**$9.20**
No. D —28x1⅝ in.	**9.20**

Weight Per Pair About 5 Pounds.

Outer Casings Only.

	Per Pair
No. S2—28x1½ in.	**$5.65**
No. D —28x1⅝ in.	**5.65**

Weight Per Pair About 4 Pounds.

DOUBLE TUBE

G. & J. DETACHABLE

	Per Pair
G. & J. Detachable—28x1½ or 1⅝ in.	**$14.00**

Weight Per Pair About 5½ Lbs.

	Each
G. & J. Outer Casings—28x1½ or 1⅝ in.	**$4.80**

Weight Per Pair About 4¾ Lbs.

	Each
G. & J. Inner Tubes—28x1½ or 1⅝ in.	**2.25**

Weight Per Pair About ¾ Lb.

SINGLE TUBE

GOODRICH

Made to Meet the Demands for a Good but Medium Priced Tire.

	Per Pair
No. 17—28x1½ or 1⅝ in.	**$8.35**

Weight Per Pair About 4½ Pounds.

Bicycle Tires.

VITALIC

SINGLE TUBE

Per Pair
Vitalic Single—28x1½ or 1⅝ in.....$12.25

Weight Per Pair About 5½ Pounds.

CLINCHER, DETACHABLE

Per Pair
Vitalic Clincher—28x1½ or 1⅝ in., Weight Per Pair About 5½ Lbs.....$15.00
Vitalic Outer Casings—28x1½ or 1⅝ in..... 12.50
Per Dozen
Vitalic Clincher Inner Tubes—28x1½ or 1⅝ in.....$20.00

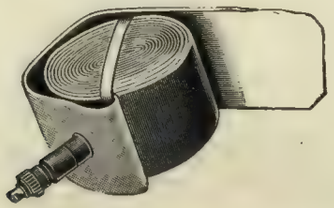
Inner Tubes.

VITALIC

Per Dozen
No. 10—28x1½ or 1⅝ in., Guaranteed.....$20.00

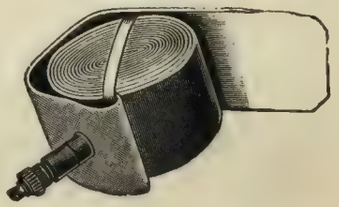
Weight Per Dozen About 6 Pounds.

PRITZLAFF SPECIAL



Per Dozen
No. 3—28x1½ or 1⅝ in., Guaranteed.....$16.70
Weight Per Dozen About 5½ Pounds.

U. S. TIRE CO.'S



Per Dozen
No. 1—28x1½ or 1⅝ in., Guaranteed.....$21.70
Weight Per Dozen About 5¾ Pounds.

Valves and Stems.

SCHRADER

Valves and Stems.

Shoe Valves.

Sampson Shoe Valves.

Valve Stems Only.

Valves Only.

Valve Parts.

Per Dozen
Valves and Stems—For Double Tube Tires.....$2.15
Shoe Valves—For Single Tube Tires..... 2.60
Weight Per Dozen About ½ Pound.

SCHRADER SAMPSON—For Single Tube Tires.

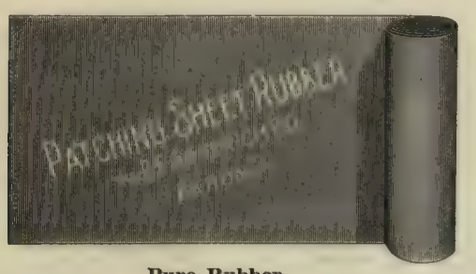
Sizes	Small	Large
Per Dozen	$3.90	3.90

Per Dozen
Valve Stems Only—Rubber.....$1.35
Universal Valves Only—For oDuble Tube Tires..... 1.35
Weight Per Dozen About ¼ Pound.

VALVE PARTS

Per Dozen
Valve Caps.....$0.45
Valve Cap Washers..... .15
Complete Inside Parts..... .80

Patching Rubber.

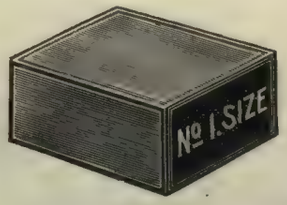


Pure Rubber.

	Per Pound
Goodrich—2½ in. Wide, in ½ Pound Rolls	**$6.75**
Goodrich—2½ in. Wide, in ¼ Pound Rolls	**6.75**

Especially adapted for Tire Repair Work.

Tire Tape.



Black.

	Per Pound
No. 0—In 2 Oz. Rolls	**$0.56**
No. 1—In 1 Oz. Rolls, Sixteen 1 Oz. Rolls in a Carton	**.56**
No. 4—In ½ Lb. Rolls	**.65**
No. 3—1½ in. Wide, in 1 Lb. Rolls, for Automobile Tires	**.78**

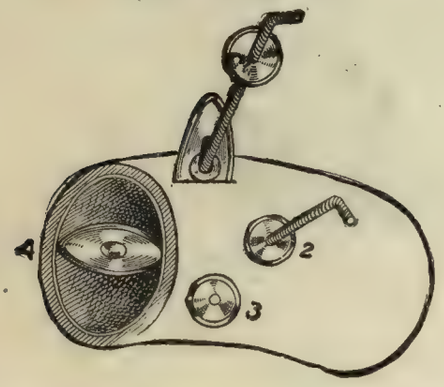
Tire Lacing Twine.

	Per Dozen Hanks
No. 10—In Hanks, with Needle	**$0.67**

Weight Per Dozen Hanks About ¼ Pound.

	Per Pound
No. 15—In ¼ Lb Balls	**$2.00**

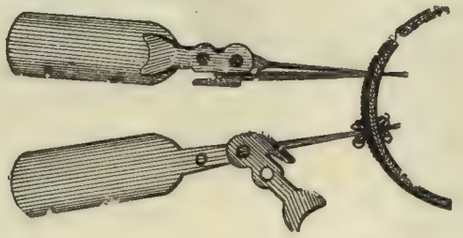
Repair Plugs.



SAMSON, Brass, for Making a Positive Permanent Repair in Any Kind of Tire.

	Per Dozen
No. 1—Small Size, Weight Per Dozen About 2 Oz.	**$1.35**
No. 2—Medium Size, Weight Per Dozen About 3 Oz.	**1.35**
No. 3—Large Size, Weight Per Dozen About 4 Oz.	**1.35**

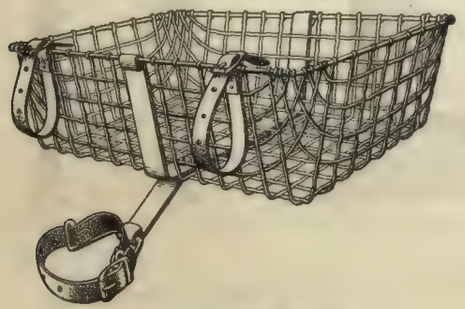
Repair Tools.



	Per Dozen
Wald Repair Tool—For Repairing Single Tube Tires with Rubber Bands	**$3.35**

Weight Per Dozen About 1¼ Pounds.

Luggage Carriers.



Tinned Wire, with Straps.

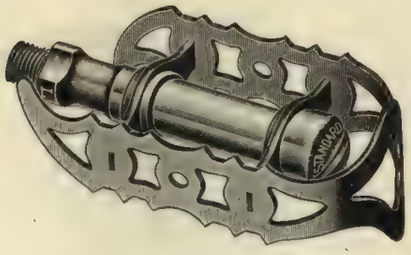
	Per Dozen
No. 146—15 in. Long, 10 in. Wide, 4½ in. Deep, Weight Per Dozen About 18 Lbs.	**$11.15**
No. 147—18 in. Long, 13 in. Wide, 6 in. Deep, Weight Per Dozen About 29¼ Lbs.	**17.80**

Black Japanned Steel.

	Per Dozen
No. 150—15 in. Long, 7 in. Wide	**$8.90**

Weight Per Dozen About 25 Pounds.

Bicycle Pedals.



Standard Men's.

Per Pair

No. 1—Rat Trap Pedal, Ball Bearing, Highly Polished and Nickel Plated $1.15

Weight Per Pair About 1 Pound.

Standard Women's.

Per Pair

No. 2—Combination Pedal, Highly Polished and Nickel Plated, with Pedal Rubbers..... $1.45

Weight Per Pair About 1¼ Pounds.

Pirate Men's.

Per Pair

No. 10—Rat Trap Pedal, Ball Bearing, Nickel Plated... $0.80

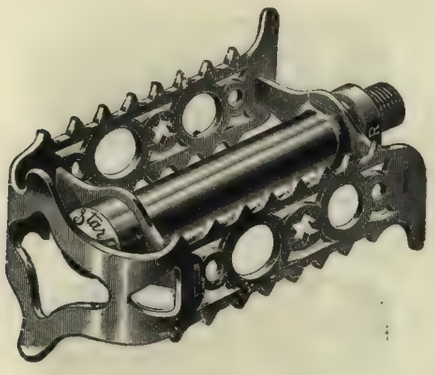
Weight Per Pair About 1 Pound.

Pirate Women's.

Per Pair

No. 12—Combination Pedal, Ball Bearing, Highly Polished and Nickel Plated, with Pedal Rubbers.. $1.15

Weight Per Pair About 1¼ Pounds.

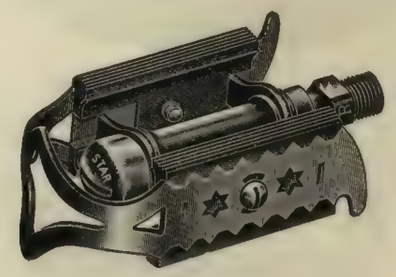


Star Men's.

Per Pair

No. 15—Rat Trap Pedal, Ball Bearing, Highly Polished and Heavily Nickel Plated..... $1.70

Weight Per Pair About 1 Pound.



Star Women's.

Per Pair

No. 16—Combination Pedal, Ball Bearing, Highly Polished and Heavily Nickel Plated, with Pedal Rubbers $2.00

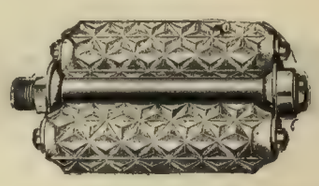
Weight Per Pair About 1¼ Pounds.

World Rat Trap.

Per Pair

No. 20—Rat Trap Pedal, Ball Bearing, Highly Polished and Nickel Plated..... $1.45

Weight Per Pair About 1¼ Pounds.



World Rubber.

Per Pair

No. 25—Ball Bearing, Highly Polished and Nickel Plated $2.00

Weight Per Pair About 1¾ Pounds.

Bicycle Handle Bars.

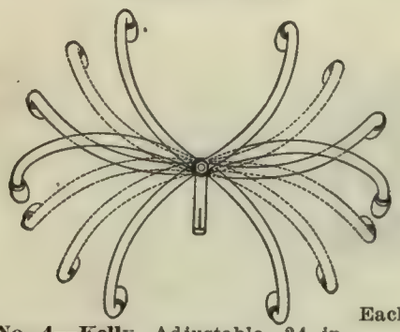
MOTOR BIKE

Each

No. 5—Motor Bike, 22 in. Wide, 6 in. Drop, no Forward Curve, 2½ in. Forward Extension, ⅞ in. Cast Stem, 13 in. Long **$2.25**

Weight Each About 2½ Pounds.

KELLY BAR



Each

No. 4—Kelly, Adjustable, 24 in. Wide, 2½ in. Forward Extension, ⅞ in. Cast Stem, 5 in. Long **$2.80**

Weight Each About 2¼ Pounds.

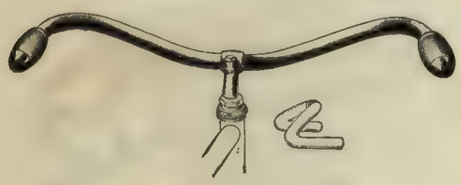
RAM'S HORN

Each

No. 7—Ram's Horn, 24 in. Wide, 2½ in. Forward Extension, ⅞ in. Cast Stem, 4¼ in. Long **$1.90**

Weight Each About 2½ Pounds.

SCHINNEER BAR

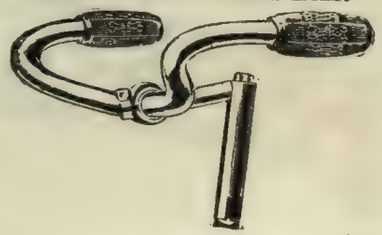


Each

No. 1—3 in. Drop, 1¼ in. Forward Bend, 20 in. Wide, ⅞ in. Cast Stem, 5¼ in. Long **$1.35**

Weight Each About 1¾ Pounds.

EXTENSION STEM BAR



Each

No. 2—2 in. Drop, 2¼ in. Forward Bend, 20 in. Wide, ⅞ in. Forged Top, 4½ in. Long, 2¾ in. Extension **$1.45**

Weight Each About 2 Pounds.

NOTE—All Above, without Grips.

Handle Bar Grips.

Highly Polished.

Per Pair

No. 68—⅞ in., Spiral Wound Oak Tanned Leather, Hard Maple Core, Cap and Ferrule, Natural Finish .. **$0.16**

Weight Per Dozen Pairs About 1½ Pounds.

Highly Polished.

Per Pair

No. 74—⅞ in., Spiral Wound Oak Tanned Leather, Hard Maple Core, Stained Cap and Ferrule **$0.18**

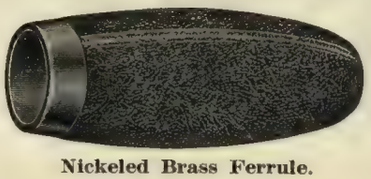
Weight Per Dozen Pairs About 1½ Pounds.

Highly Polished.

Per Pair

No. 75—⅞ in., Spiral Wound Oak Tanned Leather, Hard Maple Core, Stained End, Nickeled Brass Ferrule **$0.22**

Weight Per Dozen Pairs About 1¼ Pounds.



Nickeled Brass Ferrule.

Per Pair

No. 4—⅞ in., Best Cowhide Stitched Grip **$0.45**

Weight Per Dozen Pairs About 1¾ Pounds.

MOTOR BIKE

Boy Scout Junior.

Per Pair

No. 25—Good Quality Rubber, Woven Steel Reinforcement, Fabric Inner Lining **$0.90**

Weight Per Dozen Pairs About 6 Pounds.

Keystone.

Per Pair

No. 50—Good Quality Rubber, Fabric Inner Lining **$0.80**

Weight Per Dozen Pairs About 6 Pounds.

These Grips are of the same design as the regular Motorcycle Grips, but are smaller in size and are made especially for use on bicycles.

Handle Bar Stems.

Each

No. 6—2½ in. Forward Extension, ⅞ in. Cast Stem, 5 in. Long, for Kelly Handle Bar.**$1.35**

Weight Each About ¾ Pounds.

Each

No. 2—Regular, ⅞ in., Cast Stem, Nickel Plated, with Expander **$0.52**

Weight Each About ⅝ Pound.

Each

No. 3—Forward Extension, ⅞ in., Cast Stem, Nickel Plated, with Expander **$0.56**

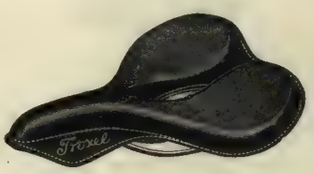
Weight Each About ¾ Pound.

Bicycle Saddles.

Each

No. 6A—9¼ in. Long, 7½ in. Wide, Wood Base, Selected Leather, Truss Spring.....**$1.25**

Weight Each About 1 Pound.



Each

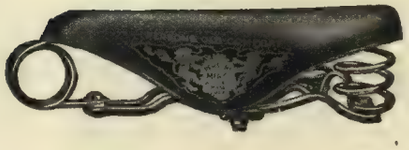
No. 10—9¼ in. Long, 8¼ in. Wide, Wood Base, Selected Leather, Truss Spring.....**$1.70**

Weight Each About 1⅛ Pounds.

Each

No. 15—10¼ in. Long, 8 in. Wide, Wood Base, Selected Leather, Universal Spring..**$2.00**

Weight Each About 2⅛ Pounds.



Each

No. 20—Old Comfort, 11 in. Long, 7¾ in. Wide.....**$3.00**

Weight Each About 2½ Pounds.

Each

No. 25—Overland, 10¾ in. Long, 8¾ in. Wide.....**$4.25**

Weight Each About 4 Pounds.

Each

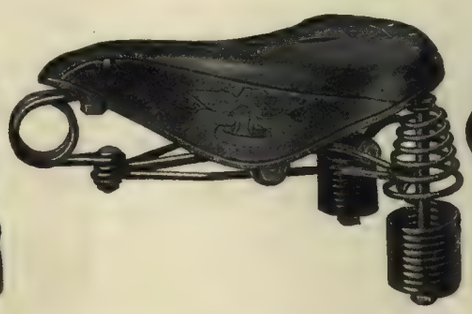
No. 30—Apex, 12 in. Long, 8 in. Wide, Extension Spring, Nickel Plated **$3.15**

Weight Each About 3¼ Pounds.

Each

No. 32—Eagle Diamond "X," 10½ in. Long, 7½ in. Wide, Double Suspension Spring, Japanned **$3.35**

Weight Each About 4 Pounds.



Each

No. 35—Eagle Eazy, 10¾ in. Long, 8¾ in. Wide, Double Suspension Spring, Japanned **$4.70**

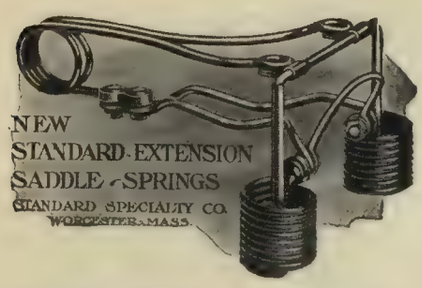
Weight Each About 4½ Pounds.

Each

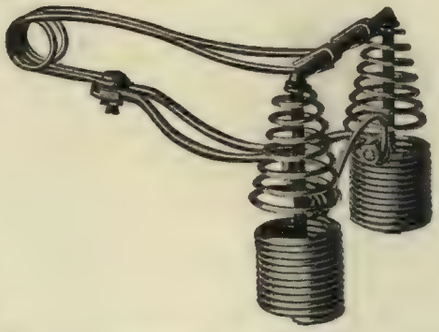
No. 22—Road King, 11 in. Long, 8 in. Wide, Double Suspension Springs, Black Japanned **$3.70**

Weight Each About 5 Pounds.

Saddle Springs.



Each
Standard Extension—New Style, Nickel Plated.....**$0.90**
Weight Each About 2¼ Pounds.



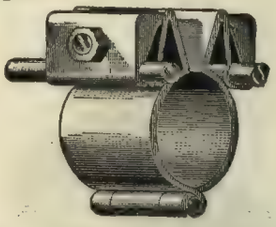
Each
Cushion Comfort—Nickel Plated, "No Bump" Springs..**$1.15**
Weight Each About 2⅝ Pounds.

Seat Posts.

Each
Seat Posts—⅞ in., Plain, Nickel Plated **$0.70**
Weight Each About ¾ Pounds.

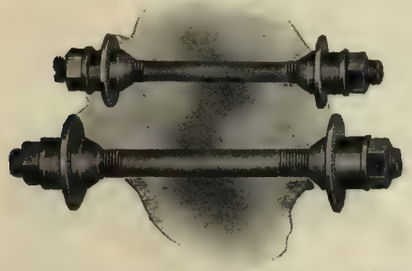
Saddle Clamps.

Each
No. 1—Saddle Clamps, Nickel Plated **$0.16**
Weight Each About ½ Pound.



Each
No. 2—Chalfant Saddle Clamps, 1⅛ in., Nickel Plated.....**$0.70**
Weight Each About ¼ Pound.

Front and Rear Axle Sets.



Each
Front Axle Sets—$\frac{5}{16}$ in., Complete with Two Adjustable Cones, Nickeled Nuts and Washers, All Assembled **$0.18**
Rear Axle Sets—⅜ in., Complete with Two Adjustable Cones, Two Nickeled Nuts and Washers, All Assembled.... **.23**
Weight Each About $\frac{5}{16}$ Pound.

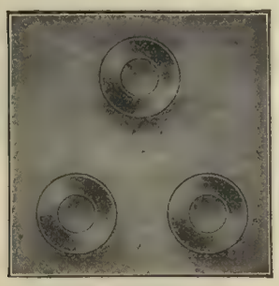
Front Hubs.

Each
Front Hubs—Drilled 32 Holes, Nickel Plated, Complete with Cones, Ball Retainers, Nuts and Washers **$0.67**
Weight Each About ½ Pound.

Rear Hubs.

Each
Rear Hubs—Drilled 36 Holes, Nickel Plated, Complete with Cones, Ball Retainers, Sprockets, Nuts and Washers **$1.45**
Weight Each About 1⅛ Pounds.

Washers.

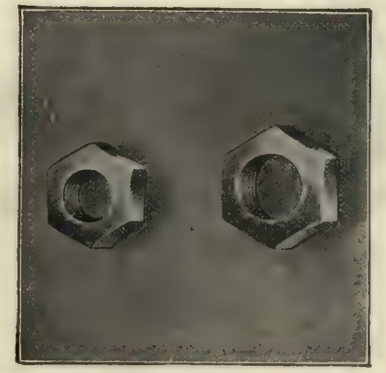


Nickel Plated.

Size, Inches	$\frac{5}{16}$	⅜
Per Dozen	**$0.12**	**.12**

Weight Per Dozen About $\frac{1}{16}$ Pound.

Nuts.



Hexagon, Nickel Plated and Threaded.

Size, Inches	$\frac{5}{16}$	⅜
Threads to the Inch	24	24
Per Dozen	**$0.33**	**.45**

Weight Per Dozen About $\frac{5}{16}$ Pound.

Bicycle Chains.

60 in. Long.

Each

No. 10—Baldwin Detachable, 3/16 in. $1.25

Weight Each About 1⅜ Pounds.

56 in. Long.

Each

No. 31—3/16 in. Wide, Polished Straw Tempered B Blocks, Hard Rivets, Top Polished, Blue B Perforated Sides $1.70

Weight Each About 1⅛ Pounds.

Bicycle Chains.

56 in. Long.

Each

No. 15—3/16 in. Wide, Polished Straw Tempered, Hard Rollers and Bushings, Hard Rivets, Full Polished Blue Sides, Chamfered Edges $1.70

Weight Each About 1⅛ Pounds.

56 in. Long.

Each

No. 9—3/16 in. Wide, Plain Straw Tempered B Blocks, Hard Rivets, Plain Blue B Sides, Round Edges .. $1.15

Weight Each About 1¼ Pounds.

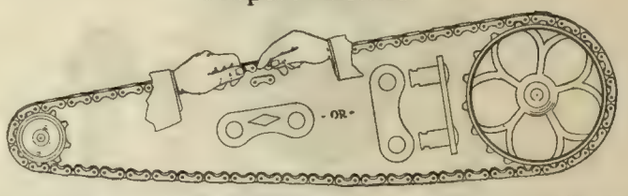
56 in. Long.

Each

No. 45—3/16 in. Wide, Polished Straw Tempered Nickel Steel B Blocks, Hard Rivets, Full Polished and Embossed Bright B Chamfered Perforated Sides $2.25

Weight Each About 1¼ Pounds.

Repair Links.



DIAMOND SNAP-ON—Removable; a Simple and Effective Device, Quick Method for Adding a Link or Repairing a Break.

Nos.	0	1	2
Size, Inches	1/8 x 11/64	3/16 x 11/64	1/4 x 11/64
Per Dozen Boxes	$1.35	1.35	1.35

Weight Per Dozen Boxes About ⅝ Pound.

Tool Bags.

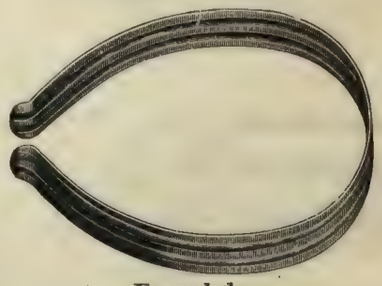
Tan Pebble Leather.

Each

No. 8—8 in. Long, 3¾ in. Wide, Complete with Straps .. $0.40

Weight Each About 1/16 Pound.

Trouser Guards.



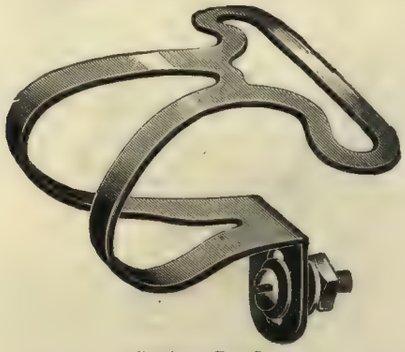
Enameled.

Per Dozen Pairs

No. 230—Corrugated Spring Steel $0.34

Weight Per Dozen Pairs About ¾ Pound.

Toe Clips.



Spring Steel.

Per Dozen Pairs

No. 10—Polished and Nickel Plated, Round Edges $1.70

Weight Per Dozen Pairs About 2¼ Pounds.

Star.

Per Dozen Pairs

No. 1½—Warranted Spring Tempered Steel, Polished and Nickel Plated $2.80

Weight Per Dozen Pairs About 2¼ Pounds.

One Dozen Pairs in a Box.

Bicycle Padlocks.

Cuts Half Size.

Wrought Steel Case.

Per Dozen

No. 016 —1 5/16 in. Black Enameled Case. Nickel Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys.....**$2.00**

No. 016B—1 5/16 in. Brass Plated Case, Brass Plated Malleable Iron Self-Locking Spring Shackle, 6 Changes, 2 Flat Steel Keys..... **2.00**

Weight Per Dozen About 1 Pound.

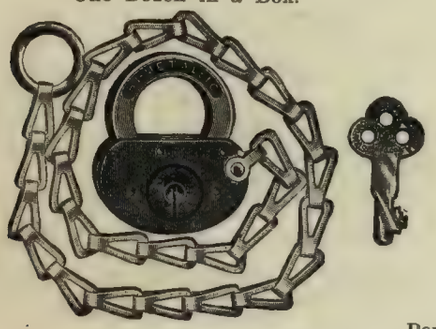
One Dozen in a Box.

Per Dozen

No. 684J—1¾ in. Ivory Black Finish Steel Case, Brass Plated Self-Locking Spring Shackle, 2 Lever Tumblers, 6 Changes, 2 Flat Steel Keys **$2.50**

Weight Per Dozen About 7½ Pounds.

One-half Dozen in a Box.



Per Dozen

No. 684½J—1¾ in. Ivory Black Steel Case, Brass Plated Self-Locking Spring Shackle, 2 Lever Tumblers, 6 Changes, 2 Flat Steel Keys, **with 15 in. Nickel Plated Safety Chain** **$5.00**

Weight Per Dozen About 16 Pounds.

One-half Dozen in a Box.

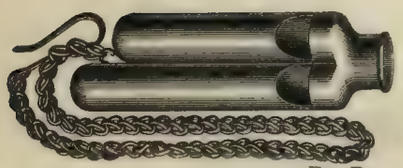
Per Dozen

No. 652C—1½ in. Cast Bronze Metal Case, Bronze Metal Self-Locking Spring Shackle, 3 Lever Tumblers, 48 Changes, 2 Flat Steel Keys, **with Royal Metal Chain**.....**$22.50**

Weight Per Dozen About 5 Pounds.

One-quarter Dozen in a Box.

Bicycle Whistles.



Per Dozen

No. 500—Duplex, Nickel Plated, with Chain **$2.80**

Weight Per Dozen About ¾ Pound.

Per Dozen

No. 800—Duplex, Nickel Plated.**$0.80**

Weight Per Dozen About ⅛ Pound.

Per Dozen

No. 67—Echo Pattern, Nickel Plated **$1.70**

Weight Per Dozen About 5/16 Pound.

Bicycle Bells.

LEVER BELL, Electric Stroke, Rotary Movement, Wrought Metal Beaded Gong, Nickel Plated.

Per Dozen

No. 810—1¾ in. Gong, Screw Clamp, Weight Per Dozen About 2⅝ Lbs.....**$2.00**

No. 710—2 in. Gong, Screw Clamp, Weight Per Dozen About 3⅛ Lbs..... **2.25**

LEVER BELL, Stamped Brass with Fancy Bead, Nickel Plated.

Per Dozen

No. 113—2 in. Gong, Screw Clamp.....**$3.15**

Weight Per Dozen About 4 Pounds.

Bicycle Bells.

Lever Bell, Electric Stroke, Rotary Movement, Cast Bell Metal Gong, Nickel Plated American Flag Enameled in Colors.

Per Dozen

No. 52—2 in. Gong, Screw Clamp **$4.50**

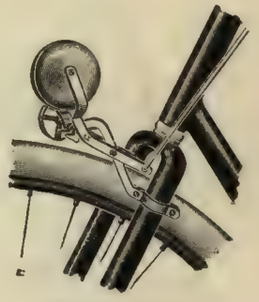
Weight Per Dozen About 4 2/16 Pounds.

Push Button Bell, Continuous Ringing, Cast Bell Metal Gong, Nickel Plated, American Flag Enameled in Colors.

Per Dozen

No. 31—2 in. Gong, Screw Clamp **$7.80**

Weight Per Dozen About 5 ¾ Pounds.



Sandow Siren.

Per Dozen

No. 100—Complete with Cord.. **$8.90**

Weight Per Dozen About 12 Pounds.

No. 12-0.

Royal Chime, Rotary Movement, Stationary Cast Bell Metal Gong, U. S. A. Flag and Shield, Enameled in Colors.

Per Dozen

No. 12–0—2 ½ in. Gong..... **$10.00**

Weight Per Dozen About 9 Pounds.

Each

Eclipse Siren—Ball Bearing, Nickel Plated Siren, Japanned Bracket, with Cord... **$1.15**

Weight Each About ¾ Pound.

Eclipse Siren.

Bell Assortments.

Lever Bells.

Per Assortment

No. A—Electric Stroke, Rotary Movement, 2 ¼ in. Cast Bell Metal Gongs, Screw Clamp, Containing One Dozen Assorted Bells, Each Packed in a Box.. **$4.50**

Weight Per Assortment About 4 5/16 Pounds.

Lever Bells.

Per Assortment

No. E—Electric Stroke, Rotary Movement, 2 ¼ in. Wrought Metal Gongs, Nickel Plated, Finished in Colors, Screw Clamp, Containing One Dozen Assorted Bells, Each Packed in a Box.. **$3.90**

Weight Per Assortment About 4 Pounds.

Built-Up Wheels.

28 in. Wheel, without Tires, Enameled Rim.	Each
No. 10—Front Wheel, Regular, Weight Each About 2¼ Lbs.	$ 2.80
No. 20—Rear Wheel, Regular, Plain Hub, Weight Each About 3⅛ Pounds	3.35
No. 30—Rear Wheel, Regular with New Departure Coaster Brake, Weight Each About 4 Lbs.	10.00
For Pritzlaff Clincher Tires.	Each
No. 40—Front Wheel, Regular, Weight Each About 3⅝ Lbs.	$ 3.35
No. 50—Rear Wheel, Regular, Plain Hub, Weight Each About 4⅛ Lbs.	3.90
No. 60—Rear Wheel, Regular, with New Departure Coaster Brake, Weight Each About 5 Lbs.	10.60

When ordering Rear Wheels, specify size of Sprocket.

Wood Rims.

Drilled, Enameled.	Each
No. 1—32 Holes, 28x1⅝ in.	$1.15
No. 2—36 Holes, 28x1⅝ in.	1.15

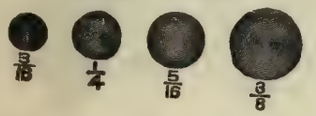
NOTE—We carry these in Colors to match our Bicycles only. Specify Color wanted.
Weight Each About 1 Pound.

Nipple Washers.

	Per 1000
Nipple Washers—Polished Steel, Saw Tooth, for Wood Rims	$0.56

Weight Per 1000 About 1½ Pounds.
1000 in a Box.

Steel Balls.



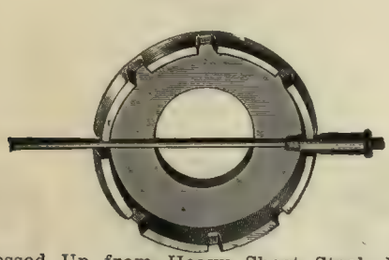
Inches	1/8	5/32	3/16	1/4	5/16	3/8
Weight 1000, Lbs.	5/8	7/8	1¼	2⅝	4½	8½
Per 100	$0.20	.30	.35	.50	1.00	1.20
Per 1000	1.80	2.50	3.00	4.00	7.50	11.25

Spokes and Nipples.

	Per 100
No. 2—12 and 12⅛ in. Long, Spokes Complete with Nipples	$1.56

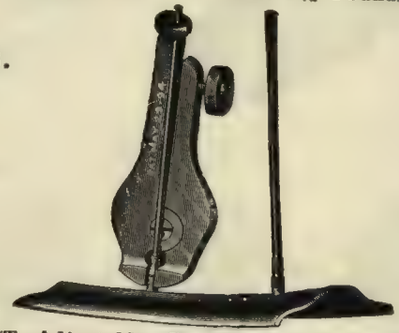
Weight Per 100 About 1¾ Pounds.

Nipple Grips.



	Per Dozen
Taggart—Pressed Up from Heavy Sheet Steel, Milled to Fit Nipples, Polished and Nickel Plated	$2.00

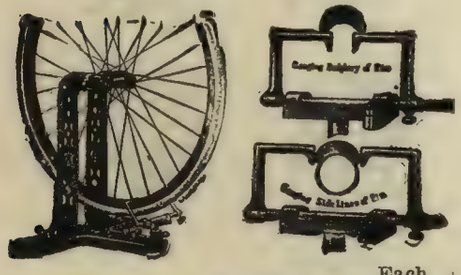
Weight Per Dozen About 1⅛ Pounds.
One Dozen on Display Card.



PERFECT, Adjustable, Case Hardened, Gun Color Finish.

	Per Dozen
No. 1—Small Size, Weight Per Dozen About 1¾ Lbs.	$ 8.90
No. 2—Large Size, Weight Per Dozen About 2⅞ Lbs.	10.00

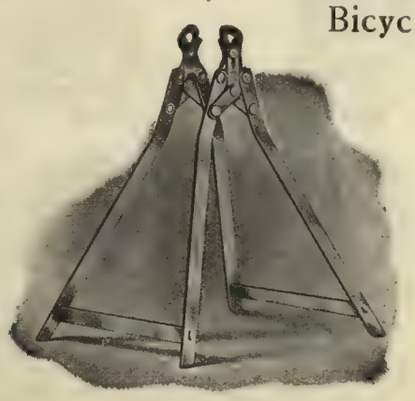
Wheel Truing Stands.



	Each
Dudley's—Cast Iron, Adjustable.	$8.90

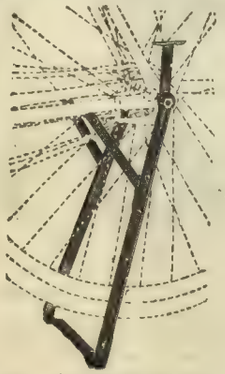
A practical device to repair and true up Bicycle Wheels. A complete and perfect Wheel Repair Stand.
Weight Each About 19½ Pounds.

Bicycle Stands.



	Each
Majestic—Steel Frame, Black Japanned, 15½ in. High	$1.25

Weight Each About 4 Pounds.



	Each
Quick Action—Steel Frame, Black Japanned, 15½ in. High	$1.70

Weight Each About 2 Pounds.

Bicycle Gas Lamps.

20TH CENTURY

No. 150.

Nickel Plated.

Each

No. 150—Height 7 in., Reflector 3½ in., Burning Capacity 6 Hours, Jeweled Side Lights, Combination Bracket, Hinged Front, Patent Water Valve Giving Steady and Uniform Flame, New Screw Device to Keep Tip Burner Free and Clean.....**$4.50**

Weight Each About 2 Pounds.

Nickel Plated.

Each

No. 125—Height 5½ in., Turns Down or Out at Once, Lights at Once, no Waiting in Either Case, Uses Half the Quantity of Carbide and Gives as Good Light as the Best Lamp, Can be Used for Bicycles, Buggies, and Motor Vehicles.....**$4.15**

Weight Each About 2 Pounds.

COLUMBIA, AUTOMATIC

No. 125.

SOLAR

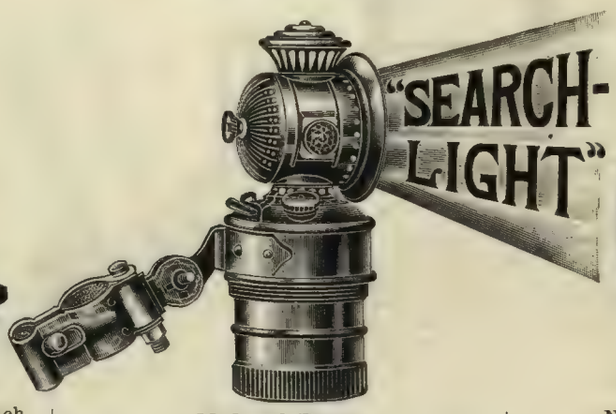
Nickel Plated.

Each

No. 25—Brass, with Bracket, Burning Capacity 6 Hours, Jeweled Side Lights, Ground Double Convex Lens, Removable Tip Holder, Improved Water Feed; Having Been Materially Improved Over Former Model Makes it an Absolutely Perfect Lamp...**$4.80**

Weight Each About 2¼ Pounds.

SEARCHLIGHT, GAS



Made of Brass.

Each

No. 200—Search-Light Gas Lamp, Nickel Plated, 8 in. High, 2½ in. Convex Lens, Carbide Chamber Holds Sufficient Carbide for Two Fillings of Water **$3.90**

Weight Each About 2 Pounds.

BETO, GAS

Not Fitted with Bracket.

Each

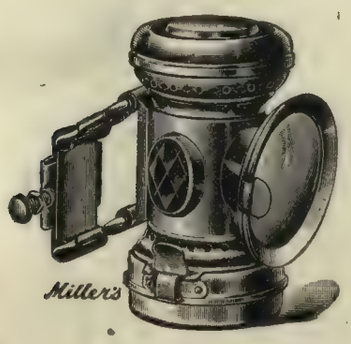
No. 10A—Beto Acetylene Gas Lamp, Made of Brass, Nickel Plated, 5¾ in. High, 3⅛ in. Dome Lens, Aluminum Reflector, Fish-Tail Burner, 2½ Hour Carbide Capacity.....**$2.60**

For Bracket to be used with No. 10A Lamp, see page 1968.

Weight Each About 1⅜ Pounds.

Bicycle Oil Lamps.

MILLERETTE



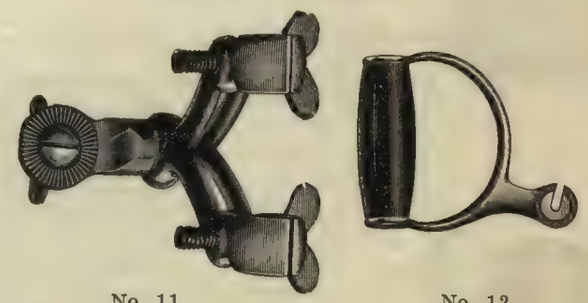
Nickel Plated.

Each

No. 69—Millerette Oil Lamp, 5¼ in. High, 2¼ in. Dome Lens, Plated Sliding Reflector, ¾ in. Burner, 6 Hours Oil Capacity.....**$1.25**

Weight Each About 1 Pound.

Lamp Brackets.



No. 11. No. 12.

Each

No. 11—Solar Dash Lamp Bracket, Heavy Brass, Japanned **$1.25**

Adjustable for either Right or Left Hand. Used for Converting a Solar Bicycle Lamp into a Dash Lamp.

Weight Each About ⅝ Pound.

Each

No. 12—Solar Hunter's Lamp Bracket, Ebonized Handle, Nickel Plated Frame.....**$1.25**

Used for Converting Solar Bicycle Lamp into a Hunter's Lamp.

Weight Each About ⅝ Pound.

Bicycle Lamps.

VESTA ELECTRIC

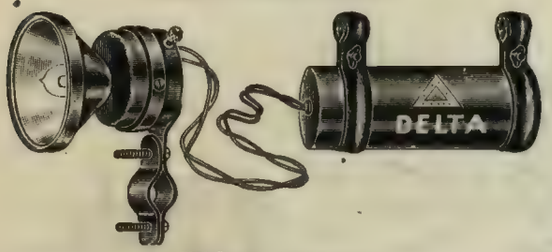
Without Batteries. Each

Vesta—Cold Rolled Steel Case, Black Gloss Enameled, Standard Flashlight Bulb, 2.8 Volts, True Parabola Reflector Heavily Silver Plated and Finely Finished, Adjustable Bracket, with Switch and Means of Focusing the Bulb so that Either a Circle or a Pencil Beam of Light can be Secured, **for Two Dry Batteries**.....**$3.35**

Weight Each About 1¾ Pounds.

Bicycle Lamps.

DELTA ELECTRIC



Without Battery. Each

Delta—Cold Rolled Steel Case, Black Gloss Enameled, Special Tungsten Bulb, Silvered Shaped Glass Reflector, 2 in. Ground and Polished Lens, Uses Ordinary Dry Battery, Battery Clamps on Top Bar and Headlight in Front, Strong Insulated Wire Connects the Two.....**$2.70**

Weight Each About 1½ Pounds.

Lamp Brackets

Nickel Plated.

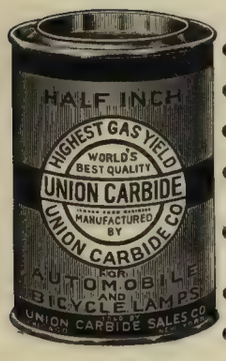
Per Dozen

No. 7—To be Used in Connection with Our No. 10A Beto Lamp which is not Fitted with Head Bracket (See Page 1967) **$1.35**

Weight Per Dozen About 1¾ Lbs.

Calcium Carbide.

Specially Prepared for Acetylene Gas Automobile and Bicycle Lamps.



Per Dozen Cans

Calcium Carbide—Size ½ in., in 2 Lb. Cans **$4.50**

Per Case

Calcium Carbide—Size ½ in., in 2 Lb. Cans, in Case Lots (24 Cans)....**$8.00**

Per Can

Calcium Carbide—Size ½ in. and 1 in., in 10 Lb. Cans.....**$1.56**

For Automobile Lamps. Per Dozen Cans

Calcium Carbide—Auto Brand, Size ½ and 1 in., in Case Lots, Six 10 Lb. Cans **$8.70**

Per Drum

Calcium Carbide—Union Automobile Carbide, in 100 Lb. Drums, for Generators **$8.90**

For Miners' Lamps. Per Case

Calcium Carbide—Miners' Lamp Carbide, in 2 Lb. Cans, 24 Cans in a Case..**$4.50**

Per Can

Calcium Carbide—Miners' Lamp Carbide, in 10 Lb. Cans.....**$1.56**

Electric Hand Lamps.

DELTA

Without Battery. Each

No. 7—8½ in. High, Cold Rolled Steel Case, High Gloss Baked Enamel Finish, Special Tungsten Wire Bulb of About 2 Candle Power, French Mirror Reflector, 2 in. Imported Ground and Polished Lens, Push Thumb Switch, Formed Handle, Wire Bail, Weight Each About 1¼ Lbs.....**$2.00**

Extra Bulbs—For No. 7 Delta Electric Hand Lamps..... .40

VACO LIGHT

Without Battery.

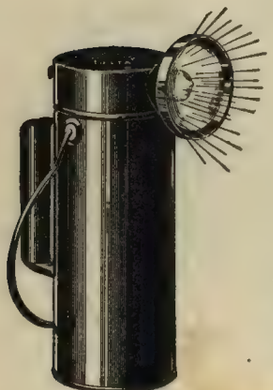
No. 10—8 in. High, Cold Rolled Steel Case, High Gloss Baked Black Enamel Finish, Special Wire Bulb 2.8 Volts, Parabola Reflector, Heavily Silver Plated and Finely Finished, 2½ in. Ground and Polished Lens, Push Thumb Switch, Square Wire Bail and Steel Back Handle, **for Round or Square Battery** **$1.45**

Weight Each About 3¼ Pounds.

Extra Bulbs—For No. 10 Vaco Lite Electric Hand Lamp..... .40

The Delta Hand Lamp uses one ordinary Dry Battery such as is used for Autos, Gas Engines, Door Bells, Telephones, etc. Batteries discarded for use on Autos and Engines will often run the light for months. Suitable for Continuous or Intermittent Burning.

One in a Carton, 12 Cartons in a Case.



No. 7.

No. 10.

Flash Lights.

EVER READY

No. 2602.

No. 2627.

Tubular Tungsten Flashlights, with Tungsten Batteries and Mazda Bulb.

Slide Switch.

Size 1¼x5 in.	Each
No. 2602—Vulcanized Fibre Case, Complete	$1.35
Weight Each About ⅜ Pound.	
No. 791—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above.	.22

Size 1½x6½ in.	Each
No. 2604—Vulcanized Fibre Case, Complete	$1.65
Weight Each About ¾ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulbs, 2.9 Volts, for Above.	.22

Size 1½x8½ in.	Each
No. 2606—Leatherette Covered Case, Complete	$1.65
No. 2612—Vulcanized Fibre Case, Complete	1.90
Weight Each About ⅞ Pounds.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22

Slide Switch.

Size 1½x13 in.	Each
No. 2615—Vulcanized Fibre Case, Complete	$2.95
Weight Each About 1⅜ Pounds.	
No. 715—Renewal Tungsten Battery for Above	.95
No. 1195—Renewal Mazda Bulb, 6.2 Volts, for Above.	.22

No. 6971.

Vest Pocket Flashlight with Tungsten Battery and Mazda Bulb.

Size ⅞x1¼x2½ in.	Each
No. 6970—Brass Case, Nickel Plated, Complete	$1.20
Weight Each About ¼ Pound.	
No. 700—Renewal Tungsten Battery for Above	.40
No. 1179—Renewal Mazda Bulb, 2.5 Volts, for Above.	.22

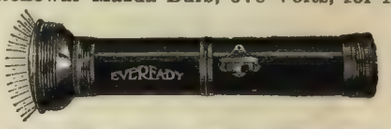
Size ¾x1⅜x2⅞ in.	Each
No. 6971—Brass Case, Nickel Plated, Complete	$1.20
Weight Each About ¼ Pound.	
No. 750—Renewal Tungsten Battery for Above	.40
No. 1180—Renewal Mazda Bulb, 2.5 Volts, for Above.	.22

Size ¾x2x2⅞ in.	Each
No. 6972—Brass Case, Nickel Plated, Complete	$1.50
Weight Each About ⅜ Pound.	
No. 751—Renewal Tungsten Battery for Above	.55
No. 1181—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22

Spring Switch.

Size 1½x6½ in.	Each
No. 2625—Alligator Cloth Case, Complete	$1.25
No. 2625B—Black Cloth Covered Case, Complete	1.25
Weight Each About ⅝ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22

Size 1½x8½ in.	Each
No. 2626—Cloth Covered Case, Complete	$1.35
No. 2627—Enameled Metal Case, Complete	1.20
Weight Each About ⅞ Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22

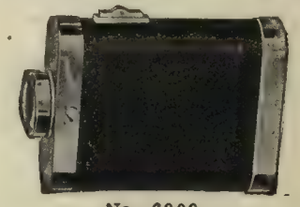


Miners' Tungsten Flashlights, with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

Size 1½x6½ in.	Each
No. 2616—Vulcanized Fibre Case, Complete	$2.00
Weight Each About ⅞ Pound.	
No. 790—Renewal Tungsten Battery, for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above.	.22

Size 1½x8½ in.	Each
No. 2619—Vulcanized Fibre Case, Complete	$2.25
Weight Each About 1 Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22



No. 6909.

Vest Pocket and Coat Pocket Flashlights, with Tungsten Battery and Mazda Bulbs.

Size 1x1⅞x3½ in.	Each
No. 6902—2½ Volt Lamp, Cloth Covered Case, Complete	$1.35
Weight Each About ⅜ Pound.	
No. 792—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above.	.22

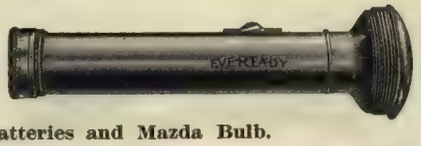
Size 1x2¾x3½ in.	Each
No. 6909—3½ Volt Lamp, Vulcanized Fibre Case, Complete	$2.00
Weight Each About ½ Pound.	
No. 703—Renewal Tungsten Battery for Above	.55
No. 1190—Renewal Mazda Bulb, 3.8 Volts, for Above.	.22

Size 1⅛x2¼x5 in.	Each
No. 1991—2½ Volt Lamp, Cloth Covered Case, Complete	$1.70
Weight Each About ⅝ Pound.	
No. 793—Renewal Tungsten Battery for Above	.50
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above.	.22

All Above One in a Carton.

Flash Lights.

EVER READY



Tubular Tungsten Flash Lights, with Tungsten Batteries and Mazda Bulb.

Slide Switch.

	Each
Size 1¼x5 in.	
No. 2630—Nickel Plated Brass Case, Complete	$1.70
Weight Each About ⅜ Pound.	
No. 791—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above	.22
Size 1½x6 in.	Each
No. 2631—Nickel Plated Brass Case, Complete	$2.00
Weight Each About ¾ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22
Size 1½x8½ in.	Each
No. 2632—Nickel Plated Brass Case, Complete	$2.35
Weight Each About ⅞ Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

EVER READY

Vest Pocket Flash Light, with Tungsten Battery and Mazda Bulb.

	Each
Size ⅝x1½x2⅞ in.	
No. 6990—Nickel Plated Brass Case, Complete	$1.35
Weight Each About ¼ Pound.	
No. 700—Renewal Tungsten Battery for Above	.40
No. 1179—Renewal Mazda Bulb, 2.5 Volts, for Above	.22
Size ¾x1⅞x3¼ in.	Each
No. 6991—Nickel Plated Brass Case, Complete	$1.35
Weight Each About ⅜ Pound.	
No. 750—Renewal Tungsten Battery for Above	.40
No. 1180—Renewal Mazda Bulb, 2.5 Volts, for Above	.22
Size ¾x2⅜x3¼ in.	Each
No. 6992—Nickel Plated Brass Case, Complete	$1.70
Weight Each About ½ Pound.	
No. 751—Renewal Tungsten Battery for Above	.55
No. 1181—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

Miners' Tungsten Flash Lights, Large Lens and Reflector.

Slide Switch.

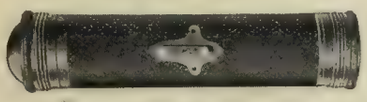
	Each
Size 1½x6½ in.	
No. 2634—Nickel Plated Brass Case, Complete	$2.70
Weight Each About ⅞ Pound.	
No. 790—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb 2.9 Volts, for Above	.22
Size 1½x8½ in.	Each
No. 2633—Nickel Plated Brass Case, Complete	$3.20
Weight Each About 1 Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

HIPCO

Vest Pocket Flash Light, with Tungsten Battery and Mazda Bulb.

	Each
Size ⅛x1¼x2½ in.	
No. 25—Brass Case, Nickel Plated, Complete	$0.95
Weight Each About ¼ Pound.	
No. 700—Renewal Tungsten Battery for Above	.40
No. 1179—Renewal Mazda Bulb, 2.5 Volts, for Above	.22
Size ¾x1⅜x2⅞ in.	Each
No. 30—Brass Case, Nickel Plated, Complete	$0.95
Weight Each About ¼ Pound.	
No. 750—Renewal Tungsten Battery for Above	.40
No. 1180—Renewal Mazda Bulb, 2.5 Volts, for Above	.22
Size ¾x2x2⅞ in.	Each
No. 35—Brass Case, Nickel Plated, Complete	$1.15
Weight Each About ⅜ Pound.	
No. 751—Renewal Tungsten Battery for Above	.55
No. 1181—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

HIPCO

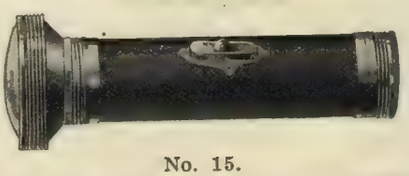


No. 1.

Tubular Flash Lights, with Tungsten Batteries and Mazda Bulb.

Slide Switch.

	Each
Size 1¼x5 in.	
No. 1—Vulcanized Fibre Case, Complete	$1.25
Weight Each About ⅜ Pound.	
No. 791—Renewal Tungsten Battery for Above	.40
No. 1197—Renewal Mazda Bulb, 2.7 Volts, for Above	.22
Size 1½x6½ in.	Each
No. 5—Vulcanized Fibre Case, Complete	$1.40
Weight Each About ¾ Pound.	
No. 790—Renewal Tungsten Battery, for Above	.40
No. 1198—Renewal Mazda Bulbs, 2.9 Volts, for Above	.22
Size 1½x8½ in.	Each
No. 10—Vulcanized Fibre Case, Complete	$1.60
Weight Each About ⅞ Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22



No. 15.

Miners' Flash Lights, with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

	Each
Size 1½x6½ in.	
No. 15—Vulcanized Fibre Case, Complete	$1.90
Weight Each About ⅞ Pound.	
No. 700—Renewal Tungsten Battery for Above	.40
No. 1198—Renewal Mazda Bulb, 2.9 Volts, for Above	.22
Size 1½x8½ in.	Each
No. 20—Vulcanized Fibre Case, Complete	$2.15
Weight Each About 1 Pound.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

Searchlight Flash Lights, with Tungsten Batteries and Mazda Bulbs.

Slide Switch.

	Each
Size 1½x10 in.	
No. 60—Vulcanized Fibre Case, Complete	$3.00
Weight Each About 1¼ Pounds.	
No. 705—Renewal Tungsten Battery for Above	.55
No. 1193—Renewal Mazda Bulb, 3.8 Volts, for Above	.22

All Above, One in a Carton.

Battery and Bulb Testers.

EVER READY

Each

No. 6291—5 in. Diameter, for Testing Flashlight Bulbs and Batteries, with 4 Pieces of 11 in. Wire Cord.....**$1.70**

Weight Each About 1 Pound.

Pistol Flash Lights.

EVER READY
With Tungsten Battery and Mazda Bulb.

Each

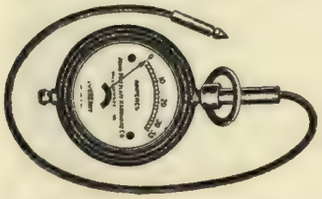
No. 2675—3x3⅝ in. Over All, Two Piece Metal Case, Gun Metal Finish, Butt is Hinged at Bottom, Contact is Made by Pulling Trigger.**$2.00**
Weight Each About ⅜ Pound.

To open the case for insertion or withdrawal of Battery or Lamp, the sight must be depressed, which releases a catch on the interior of the barrel.

Each

No. 750—Renewal Battery for Above.....**$0.40**
No. 1180—Mazda Bulb for Above..... .**22**
One in a Box.

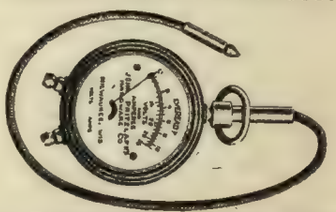
Pocket Ammeters.



Each

No. 1002—2 in. Diameter, ½ in. Thick, Range of Ammeter is 0 to 35 Amperes, Nickel Plated, Hardened and Polished Pivots, Flexible Cord Attached to Upper Contact.....**$1.75**
Weight Each About ½ Pound.
One in a Carton.

Pocket Volt Ammeters.



Each

No. 1003—2 in. Diameter, ½ in. Thick, Range of Volt-Ammeter is 0 to 35 Amperes and 0 to 10 Volts, Nickel Plated, Hardened and Polished Pivots, Flexible Cord Attached to Upper Contact **$2.25**
Weight Each About ½ Pound.
One in a Carton.

Spark Plugs.

STERLING

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 2—**Sterling**, Porcelain, with Screw Top.....**$0.60**
Weight Each About ½ Pound.
One in a Box.

STERLING

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 3—**Sterling**, Mica, with Screw Top.....**$0.80**
Weight Each About ½ Pound.
One in a Box.

FORD SPECIAL

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 4—**Ford Special**, ½ in. Extra Long Body, Porcelain **$0.80**
Weight Each About ½ Pound.
One in a Box.

HORNET

For Gasoline Engines, ½ in. Standard Thread.

Each

No. 6—**Hornet**, Porcelain, Brass Nut, Spring Steel Washer, Nickel Alloy Steel Firing Pins, Screw Top **$0.40**
Weight Each About ½ Pound.
One in a Box.

Bicycle Pumps.

FOOT

Bonham Perfection.

Each

No. 1—Triple Compound Auto Pump, Three 20 Gauge Seamless Brass Tubes, One 1¾x20 in., One 1¼x20 in. and One ¾x20 in. Bessemer Steel Plunger Rods with "B" Tanned Plunger Leathers, Heavy Gray Iron Gold Finish Foot Rest, Fitted with 24 in. Rubber Tubing Connection **$7.80**

Weight Each About 8 Pounds.

Cyclone.

Each

No. 2—Compound Auto Pump, Two Seamless Brass Tubes, One 1½x17 in. and One ⅞x17 in., Japanned Foot Rest, Fitted with 24 in. Rubber Tubing Connection..... **$3.15**

Weight Each About 3 5/16 Pounds.

Tornado Shop.

Each

No. 8—20x1½ in., Nickel Plated Cylinder, Large Cast Iron Base, Fitted with 18 in. Rubber Hose Connection... **$1.80**

Weight Each About 1⅞ Pounds.

Bridgeport.

Each

No. 17—12x1¼ in., Seamless Brass Cylinder, Nickel Plated Base **$0.56**

Weight Each About 1¼ Pounds.

Screw Cap.

Each

No. 6—12x1½ in., Seamless Brass Cylinder, Nickel Plated Cast Base **$0.56**

Weight Each About 1⅛ Pound.

Screw Cap.

Each

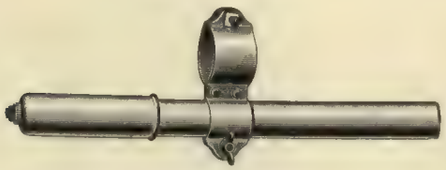
No. 5—12x1¼ in., Seamless Steel Cylinder, Nickel Plated Cast Base **$0.52**

Weight Each About 1¼ Pounds.

All Above, One in a Box.

Bicycle Pumps.

TELESCOPIC



Telescopic Frame.

Each

No. 35—10x⅞ in., Finely Nickel Plated, Furnished with Special Clip to Fit all Bicycle Frames..**$0.56**

Weight Each About ½ Pound.

HAND

Nickel Plated.

Per Dozen

No. 4—6 in. Barrel, Well Made.....**$2.25**

Weight Per Dozen About 1⅜ Pounds.

Pump Connections.

HAND

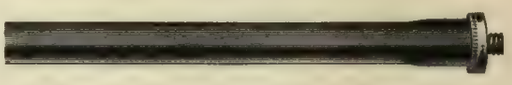
Per Dozen

No. 3—For Regular Style Hand Pumps.....**$0.70**

No. 7—For No. 35 Telescopic Pumps..... **1.45**

Weight Per Dozen About ½ Pound.

FOOT



Per Dozen

No. 8—18 in. Long, for Shop Pump, Fitted with Connections **$3.35**

No. 18—12 in. Long, for Regular Foot Pumps, Fitted with Connections **1.70**

Weight Per Dozen About ¾ Pound.

Pump Hose Couplings.

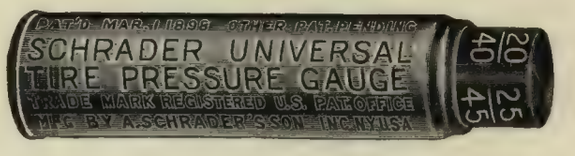
For Foot Pumps.

Per Dozen

Keno—Steel Threaded Part, Absolutely Airtight, Indestructible..... .....**$2.50**

Weight Per Dozen About ½ Pound.

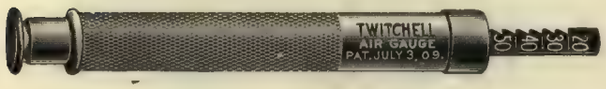
Tire Pressure Gauges.

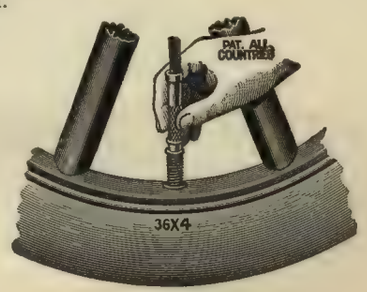


Each

Schrader Universal—For Ascertaining the Exact Pressure in Automobile Tires **$1.70**

Weight Each About $\frac{3}{16}$ Pound.





Each

Twitchell—Pencil Type Gauge, Positive Lock Stop, for Ascertaining the Exact Pressure in Automobile Tires.....**$1.70**

Weight Each About ⅛ Pound.

Bicycle Cyclometers.

Veeder Regular.

Bicycle Cyclometer Bracket.

Spoke Pin.

Veeder Trip.

Regular, for Bicycles.

	Each
Veeder—Nickel Plated, Registers up to 10,000 Miles and then Automatically Repeats. Weight Each About $\frac{3}{16}$ Pound.	**$1.30**

For Bicycles.

	Each
Veeder Trip—Nickel Plated, Large Dial Registers up to 10,000 Miles, Small Dial Registers Trip Mileage up to 100 Miles. Weight Each About ¼ Pound.	**$2.80**

	Each
Extra Cyclometer Brackets—For Veeder Regular and Veeder Trip Cyclometers	**$0.30**
Extra Cyclometer Spoke Pins—For Veeder Regular and Veeder Trip Cyclometers	**.30**

Motorcycle Cyclometers.

Cyclometer Bracket.

Spoke Pin.

For Motorcycles.

	Each
Veeder Motorcycle Trip—Nickel Plated, Large Dial Registers up to 10,000 Miles, Small Dial Registers Trip Mileage up to 100 Miles, Weight Each About ½ Lb.	**$4.20**
Extra Cyclometer Bracket—For Veeder Motorcycle Trip Cyclometer	**.70**
Extra Spoke Pins—For Veeder Motorcycle Trip Cyclometer	**.45**

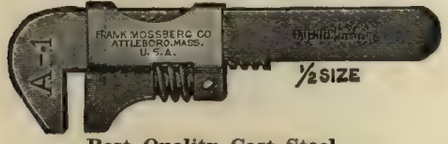
Bicycle Oilers.

Star.

	Per Dozen
No. 10—Nickel Plated, Very Strong Spring	**$1.00**

Weight Per Dozen About ⅜ Pound.

Bicycle Wrenches.



Best Quality Cast Steel.

	Per Dozen
No. A1—Dull Finished, Hardened Jaws, Length 5 in., Thickness of Jaws $\frac{5}{16}$ in., Opens 1¼ in.	**$2.00**

Weight Per Dozen About 3¼ Pounds.

Diamond.

	Per Dozen
No. 10—Best Quality Tool Steel, Hardened Jaws, Nickel Plated, Length 5 in., Thickness of Jaws $\frac{5}{16}$ in., Opens 1¼ in.	**$3.35**

Weight Per Dozen About 3¼ Pounds.

Rubber Cements

Rubber Cement for Tires.
Best Quality.

Per Dozen
No. 10—4x¾ in. Collapsible Metal Tubes **$0.67**

Weight Per Dozen About 1 Pound.

Rubber Cement for Tires.
Best Quality.

Per Dozen
No. 16—4 Oz. Tin Cans, Weight Per Dozen About 3⅝ Lbs.. **$1.80**
No. 20—½ Pt. Tin Cans, Weight Per Dozen About 6½ Lbs.. **3.35**
No. 25—1 Pt. Tin Cans, Weight Per Dozen About 11½ Lbs. **6.15**

Rim Cement.

Rim Para Shellac for Rims.

Extra Heavy Consistency.

Per Dozen
No. 5—2 Oz. Square Bottles, with Swab **$2.25**

For fastening bicycle tires to rims, and grips to handle bars. Does not evaporate. Dries gummy and elastic.
Weight Per Dozen About 4¾ Pounds.

Wood Rim Cements.

Per Dozen
No. 30—4x¾ in. Collapsible Metal Tubes **$0.67**

Weight Per Dozen About 1 Pound.

Per Dozen
No. 35—4 Oz. Tin Cans, Weight Per Dozen About 3⅝ Lbs.. **$1.35**
No. 40—1 Pint Cans, Weight Per Dozen About 11¾ Lbs..... **3.90**
No. 45—1 Quart Cans, Weight Per Dozen About 25¼ Lbs.. **6.70**
One Dozen in a Box.

Per Dozen
No. 50—2 Oz. Bottles, Cork with Swab **$1.15**

Weight Per Dozen About 4¼ Pounds.

Hard Tire Cement.

For Fastening Tires on Wood or Steel Rims the First Time.

Per Pound
No. 01—In 1 Lb. Cakes..... **$0.40**

Per Dozen
No. 04—In 4 Oz. Cartons..... **$1.70**

Weight Per Dozen About 3½ Pounds.

Pritzlaff Quick Repair.

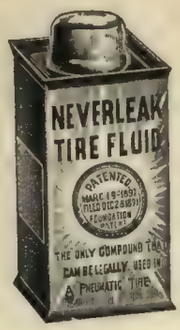
For Repairing Single Tube Tires.

Per Dozen
Quick Repair—4x¾ in. Collapsible Tubes..... **$1.35**

Weight Per Dozen About 1⅛ Pounds.

One Dozen in a Box.

Neverleak Tire Fluid.



For Injecting Into Pneumatic Tires Making Same Leak Proof.

Per Dozen
No. 100—4 Oz. Tubes.....**$3.90**

Weight Per Dozen About 5¾ Pounds.

One Dozen in a Box.

Each
No. 102—1 Gallon Cans.....**$5.60**

Weight Each About 11½ Pounds.

Per Assortment
Tip Top Assortment—Consisting of 1 Gross 4 Oz. Tubes, Packed with 24 Premium Certificates **$43.35**

Weight Each About 77 Pounds.

Tire Balm.

Heals Punctures and Leaks in Pneumatic Tires.

Per Dozen
No. 50—4 Oz. Tubes.....**$1.80**
Weight Per Dozen About 5 Pounds.

Each
No. 75—1 Gallon Cans.....**$2.80**
Weight Each About 11½ Pounds.

Chain Lubricant.

Per Dozen
No. 25—Black, ⅞x2½ in.....**$0.45**

Weight Per Dozen About ¾ Pound.

Soapstone.

Per Dozen
Soapstone—In 1 Lb. Paper Boxes, with Sifter Top **$1.56**

Used to prevent Inner Tubes from sticking to the inside of Outer Casing.

Weight Per Dozen About 12½ Pounds.

Bicycle Enamel.

Best Quality, ¼ Pint Cans.

Per Dozen
No. 1—Black **$1.56**

No. 2—White, Blue, Green and Maroon..... **2.00**
Weight Per Dozen About 5½ Pounds.

Bicycle Oil.

Per Dozen
No. 15—In 2 Oz. Bottles **$0.80**

Weight Per Dozen About 3¾ Pounds.

DEPARTMENT No. 11

SKATES, SLEDS EXPRESS WAGONS, ETC.

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 11

SKATES, SLEDS, EXPRESS WAGONS

Coaster Wagons
Automobiles
Tricycles
Velocipedes
Roller Skates
Skis
Trunks
Suit Cases
Telescopes
Bags

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

INDEX.

A

	Page
Ankle Supporters	2003
Automobiles	2011

B

	Page
Bags—	
Outing	2026
Oxford	2024, 2025
School	2026
Bindings—Leather (Ski)	2006
Bob Skates—Extension	2003
Boys' Roller Skates	2007

C

	Page
Canvas Coat Case	2026
Canvas Telescopes	2026
Caps—	
Hockey	2006
Ski	2006
Cars—Hand	2011
Cases—	
Coat	2026
Juvenile Suit	2026
Suit	2021 to 2023
Child's Cutters	2015
Coasters—	
Fire Fly	2015
Flexible Flyer	2015
Sled	2014
Wabash Steel	2016
Coat Case—Canvas	2026
Cutters—Child	2015

E

	Page
Express Wagons	2011

F

	Page
Farm Wagons	2013
Fibre School Bags	2026
Fibre Suit Case	2022, 2023
Fibre Telescope	2026
Fibre Trunks	2019
Flexible Flyers	2015
Flyers—Flexible	2015

G

	Page
Girls' Roller Skates	2007

H

	Page
Hand Cars	2011
Hand Sleds	2014
Hockey Caps	2006
Hockey Ice Skates	2001, 2002
Hockey Pucks	2005
Hockey Skating Shoes	2005
Hockey Sticks	2005

I

	Page
Ice Creepers	2003
Ice Skates—	
Extension Bob	2003
Ladies'	2002
Men's	2001, 2002
Women's	2002
Ice Skate Parts	2003

J

	Page
Juvenile Suit Cases	2026

K

	Page
Keys—Skate	2004

L

	Page
Ladies' Ice Skates	2002
Ladies' Oxford Bags	2024
Ladies' Roller Skates	2007, 2008
Ladies' Skating Shoes	2005
Leather Bindings—Ski	2006
Leather Skate Straps	2004

M

	Page
Men's Ice Skates	2001, 2003
Men's Roller Skates	2007, 2008

O

	Page
Outing Bags	2026
Oxford Bags	2024, 2025

P

	Page
Parts—	
Ice Skate	2003
Roller Skate	2008
Poles—Ski	2006
Pucks—Hockey	2005

Q

	Page
Quick Repair Tires	2011

R

	Page
Racer Skate Shoes	2005
Racing Ice Skates	2004
Racing Skis	2006
Repair Tires—Quick	2011
Rink Roller Skates	2008
Roller Skate Parts	2008
Roller Skates	2007, 2008
Rolls—Skate	2008

S

	Page
School Bags	2026
Seats—Coaster Wagon	2013
Sharpeners—Skate	2004
Shoes—Skating	2005
Sidewalk Roller Skates	2007
Skate Keys	2004
Skate Parts—	
Ice	2003
Roller	2008
Skate Rolls	2008
Skate Sharpeners	2004
Skate Straps	2004
Skates—	
Extension Bob	2003
Ladies' Ice	2002
Men's Ice	2001, 2002
Roller	2007, 2008
Skating Shoes	2005
Ski Caps	2006
Ski Poles	2006
Skis	2006
Sleds—	
Coaster	2014
Fire Fly	2015
Flexible Flyers	2015
Hand	2014
Wabash	2016
Steamer Trunks	2020
Sticks—Hockey	2005
Straps—Skate	2004
Suit Cases	2021 to 2023, 2026
Sulkies	2009
Supporters—Ankle	2003

T

	Page
Telescopes	2026
Tires—Quick Repair	2011
Toboggans	2016
Tricycles	2010
Trunks	2017 to 2020

V

	Page
Velocipedes	2010

W

	Page
Wabash Steel Coasters	2016
Wabash Steel Sleds	2016
Wagons—	
Coaster	2012, 2013
Express	2011
Farm	2011
Web Skate Straps	2004
Wheels—	
For Coaster Wagons	2013
For Sulkies	2009
Women's Roller Skates	2007, 2008
Women's Ice Skates	2002
Wood Top Ice Skates	2003

Men's Ice Skates.

UNION HARDWARE CO.'S

LEVER CLAMP

Per Pair

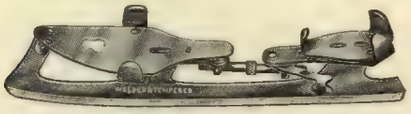
No. 16 —Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **Polished** **$0.60**

No. 16½—Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated**..... .95

No. 17½—Carbon Steel Runners, Hardened, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated, Polished Edges** 1.70

No. 18 —Welded, Hardened and Tempered Steel Runners, Full Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Top Plates with **Polished Edges, All Parts Highly Nickel Plated** 2.65

Sizes: 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in.



Per Pair

No. 19—Welded, Hardened and Tempered Steel **Flanged Runners**, Full Polished, Beveled Edges, Polished Edge Top Plates, **All Parts Highly Nickel Plated** **$3.45**

Sizes 9½, 10, 10½, 11, 11½ and 12 in.

SCREW CLAMP

Per Pair

No. 1624 —Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **Polished** **$0.60**

No. 1624½—Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated**..... .95

Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in.

No. 1724½—Carbon Steel Runners, Hardened, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated, Polished Edges** 1.70

Sizes 9, 9½, 10, 10½, 11, 11½ and 12 in.

No. 1824 —Welded, Hardened and Tempered Steel Runners, Full Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Top Plates with **Polished Edges, All Parts Highly Nickel Plated**..... **2.65**

Sizes 9½, 10, 10½, 11, 11½ and 12 in.

Per Pair

No. 1924½—Welded, Hardened and Tempered Steel **Flanged Runners**, Full Polished, Beveled Edges, **Polished Edge Top Plates, All Parts Highly Nickel Plated**..... **$4.25**

Sizes 9½, 10, 10½, 11, 11½ and 12 in.

SCREW CLAMP FULL HOCKEY

Per Pair

No. 524½—Cast Steel Runners, Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated**..... **$1.25**

No. 424½—Hardened and Polished Carbon Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **Polished Edges, All Parts Highly Nickel Plated**.... 2.10

No. 724 —Welded, Hardened and Tempered Steel Runners, Full Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **Polished Edges, All Parts Highly Nickel Plated** 3.25

Sizes 9½, 10, 10½, 11 and 11½ in.

Per Pair

No. 924½—Welded, Hardened and Tempered Steel **Flanged Runners**, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Beveled Edges, **All Parts Full Polished and Highly Nickel Plated** **$5.00**

Sizes 9½, 10, 10½, 11 and 11½ in.

CANADIAN HOCKEY

Per Pair

No. 5 —Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Parts, **Polished**..... **$0.60**

No. 5½—Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Parts, **All Parts Nickel Plated** ..... .80

No. 6½—Welded, Hardened and Tempered Steel Runners, Polished, Best Quality Cold Rolled Homogeneous Steel Top Parts, **All Parts Nickel Plated** 1.40

No. 7 —Welded, Hardened and Tempered Steel Runners, **Extra Polished**, Best Quality, Cold Rolled Homogeneous Steel Top Parts, **All Parts Highly Nickel Plated**..... 1.80

Sizes 9, 9½, 10, 10½, 11 and 11½ in.

Per Pair

No. 9—Welded, Hardened and Tempered Steel **Flanged Runners, Extra Polished**, Best Quality Cold Rolled Homogeneous Steel Top Plates with Polished Edges, **All Parts Nickel Plated**..... **$2.55**

Sizes 9, 9½, 10, 10½, 11 and 11½ in.

Approximate Weight Per Pair 2¾ Pounds.

Ladies' Ice Skates.

UNION HARDWARE CO.'S

CANADIAN HOCKEY

Per Pair

No. 6½L—Welded, Hardened and Tempered Steel Runners, Polished, Best Quality Cold Rolled Homogeneous Steel Top Parts, **All Parts Nickel Plated** **$1.40**

Sizes 9, 9½, 10, 10½ and 11 in.

Per Pair

No. 9L—Welded, Hardened and Tempered Steel **Flanged Runners, Extra Polished,** Best Quality Cold Rolled Homogeneous Steel Top Parts with Polished Edges, **All Parts Nickel Plated**.... **$2.55**

Sizes 9, 9½, 10, 10½ and 11 in.

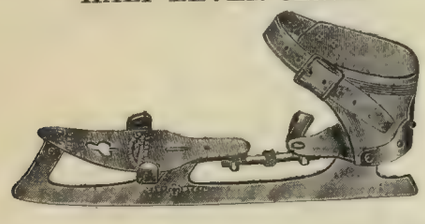
FULL STRAP

Per Pair

No. 52—Polished Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates, Black Fibre Back and Web Straps **$0.70**

Sizes 8, 8½, 9, 9½, 10, 10½ and 11 in.

HALF LEVER CLAMP



Per Pair

No. 56 —Polished Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Russet Leather Back and Strap, Nickel Plated Heel Band..... **$1.25**

No. 56½—Polished Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated,** Russet Leather Back and Strap, Nickel Plated Heel Band **1.70**

No. 57½—Hardened and Polished Carbon Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **Polished Edges, All Parts Nickel Plated,** Russet Leather Back and Strap, Nickel Plated Heel Band..... **2.25**

Sizes 8, 8½, 9, 9½, 10, 10½ and 11 in.

HALF SCREW CLAMP

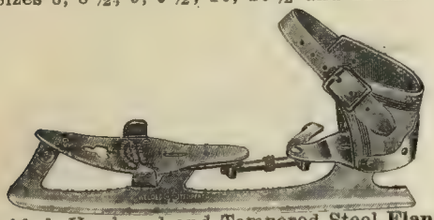
Per Pair

No. 5624 —Polished Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Russet Leather Back and Strap, Nickel Plated Heel Band.....**$1.25**

No. 5624½—Polished Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated,** Russet Leather Back and Strap, Nickel Plated Heel Band..... **1.70**

No. 5724½—Hardened and Polished Carbon Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, **All Parts Nickel Plated,** Russet Leather Back and Strap, Nickel Plated Heel Band..... **2.25**

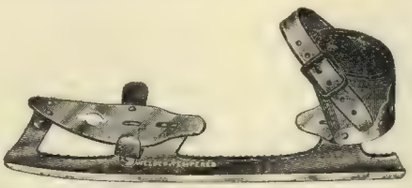
Sizes 8, 8½, 9, 9½, 10, 10½ and 11 in.



Per Pair

No. 59—Welded, Hardened and Tempered Steel **Flanged Runners,** Full Polished, Beveled Edges, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Polished Edge on Top Plate, **All Parts Highly Nickel Plated,** Russet Leather Back, Lined with Red Morocco Leather, Russet Leather Strap, Nickel Plated Heel Band **$4.25**

Sizes 9½, 10, 10½ and 11 in.

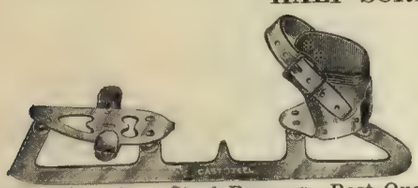


Per Pair

No. 5924½—Welded, Hardened and Tempered Steel **Flanged Runners,** Full Polished Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Beveled Edges, **All Parts Highly Nickel Plated,** Russet Leather Back, Lined with Red Morocco Leather, Russet Leather Strap, Nickel Plated Heel Band **$4.90**

Sizes 8, 8½, 9, 9½, 10, 10½ and 11 in.

HALF SCREW CLAMP, FULL HOCKEY



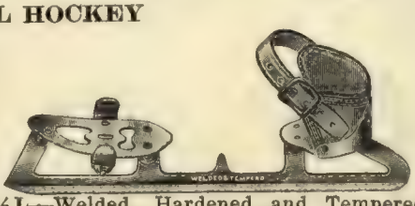
Per Pair

No. 524½L—Polished Cast Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, All Parts **Nickel Plated,** Russet Leather Back and Straps..**$2.00**

No. 424½L—Hardened and Polished Carbon Steel Runners, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Polished Edges, **All Parts Nickel Plated,** Russet Leather Back and Straps, Nickel Plated Heel Band **2.70**

No. 724L —Welded, Hardened and Tempered Steel Runners, **Full Polished,** Otherwise Same as No. 424½L **3.90**

Sizes 8½, 9, 9½, 10, 10½ and 11 in.



Per Pair

No. 924½L—Welded, Hardened and Tempered Steel **Flanged Runners,** Full Polished, Best Quality Cold Rolled Homogeneous Steel Top Plates and Clamps, Beveled Edges, **All Parts Highly Nickel Plated,** Russet Leather Back, Lined with Red Morocco Leather, Russet Leather Strap, Nickel Plated Heel Band **$5.50**

Sizes 8½, 9, 9½, 10, 10½ and 11 in.

Approximate Weight Per Pair 2¾ Pounds.

Ice Skates.

UNION HARDWARE CO.'S

MEN'S

WOOD TOP

Per Pair

No. 61—Polished Cast Steel Runners, Highly Polished Hardwood Tops, Russet Leather Straps $2.80

Sizes 9½, 10½ and 11½ in.

Approximate Weight Per Pair 2½ Lbs

DONOGHUE RACING

Per Pair

Donoghue—Hardened Tool Steel Runners, Polished and Nickel Plated, Mahogany Finish Tops Highly Polished, with Russet Leather Straps.....$6.70

Lengths 14, 16 and 18 in.

Approximate Weight Per Pair 3½ Lbs.

EXTENSION BOBS

Per Pair

No. 30—Double Runners, Homogeneous Cast Steel, Bright Finish, Web Heel and Toe Straps, Extends from 6 to 9 in. $0.50

Approximate Weight Per Pair 1½ Lbs.

GUIDE TO ORDERING SKATES

Showing the Relative Proportion in which to Order.

Inches	8	8½	9	9½	10	10½	11	11½	12
Men's, Per Cent.	1	3	7	10	18	25	23	11	2
Ladies', Per Cent.	3	10	25	31	22	9	..	..	..

Comparative Table Giving Sizes of Skates and Number of Shoes Adapted to Same.

Skates, Inches	8	8½	9	9½	10	10½	11	11½	12
Shoes, Nos.	11 to 11½	12 to 1	1½ to 2½	3 to 3½	4 to 5	5½ to 6½	7 to 8	8½ to 9½	10 to 11

EXTRA PARTS FOR UNION HARDWARE CO.'S ICE SKATES

Per Dozen Pairs

Outside or Inside Toe Clamps Only, for Nos. 16, 16½, 17½, 18, 19, 52, 56, 56½, 57½ and 59 Skates..$2.85

Heel Clamps for Nos. 16, 16½, 17½, 18, 19 Skates.... 5.25

Adjusting Screws for Nos. 16, 16½, 17½, 18, 19, 52, 56, 56½, 57½ and 59 Skates..... 1.80

Heel or Toe Clamps with Screws, Assembled, for Nos. 1624, 1624½, 1724½, 1824, 1924½, 924½, 524½, 424½, 724, 5624, 5624½, 5724½, 5924½, 524½L, 424½L, 724L and 924½L.... 3.50

Per Dozen Pairs

Heel or Toe Clamp Adjusting Screws for Nos. 1624, 1624½, 1724½, 1824, 1924½, 924½, 524½, 424½, 724, 5624, 5624½, 5724½, 5924½, 524½L, 424½L, 724L and 924½L.....$1.40

Per Gross Pairs

Malleable Old Style Flat Heel Plates.....$5.00

Clamps for Lever Skates come without Screw. On all Clamp Skates, a pair of Clamps consists of two Clamps and one Screw for one Skate.

When Ordering Clamps be sure to give Number of Skate and state if same are to be for a Right or Left Skate.

Ankle Supporters.

Russet Oak Tan Leather.

Per Dozen Pairs

No. 1—Gents' or Youths' Size..$13.35

No. 2—Boys' Size 13.35

No. 3—Ladies' or Girls' Size... 13.35

This Brace fits very comfortably to the Ankle, it being worn on the outside of the Shoe, which makes it very convenient for the wearer, as it is easily adjusted or removed.

Approximate Weight Per Dozen Pairs 8 Lbs.

One Dozen Pairs in a Box.

Ice Creepers.

UNION

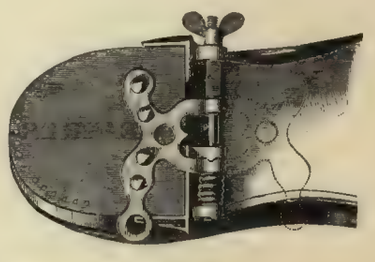
Per Dozen Pairs

Union—Nickel Plated Steel, with Web Strap $2.50

Approximate Weight Per Dozen Pairs 4 Lbs.

One Dozen Pairs in a Box.

RIVAL



Per Dozen Pairs

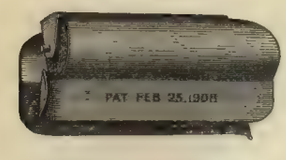
No. 25 — Reversible, Assorted Sizes $3.90

Approximate Weight Per Dozen Pairs 3 Lbs.

One Dozen Pairs in a Box.

Skate Sharpeners.

PERFECT



For Hollow Grinding.

Per Dozen

No. 20—Blued Steel, Revolving Emery Wheel, Flexible Guides to Fit the Thickness of Any Skate Runner **$2.25**

Approximate Weight Per Dozen 2 Pounds.

One Dozen on a Card

UNION

Per Dozen

No. 12—Bright Polished Steel Holder, Will Fit Any Blade **$2.70**

Approximate Weight Per Dozen 2 Pounds.

One Dozen in a Box.

Skate Keys.

Per Dozen

No. 27—Milwaukee, Length 2½ in., Made of $\frac{7}{16}$ in. Solid Cold Rolled Steel, with $\frac{3}{16}$ in. Solid Steel Cross Bar **$2.80**

Approximate Weight Per Dozen 1¼ Pounds.

Will Fit all Ice and Roller Skates, but is especially adapted to Hockey Skates.

Open Stock.

Per Dozen

No. 28—Malleable Iron, Adapted to Hockey Skates.... **$0.90**

Approximate Weight Per Dozen 1¼ Pounds.

Open Stock.

Per Dozen

No. 25—Malleable Iron, Adapted to Ice and Roller Skates.... **$0.40**

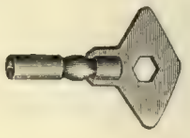
Approximate Weight Per Dozen ½ Lb.

Per Dozen

No. 26—Stamped Steel, Polished, Adapted to Ice and Roller Skates **$0.40**

Approximate Weight Per Dozen ½ Lb.

Open Stock.



Per Dozen

No. 24—Solid Cold Rolled Steel with Flat Steel Thumb Piece, Adapted to Ice and Roller Skates **$0.90**

Approximate Weight Per Dozen ¾ Lb

Open Stock.

Skate Straps.

LEATHER

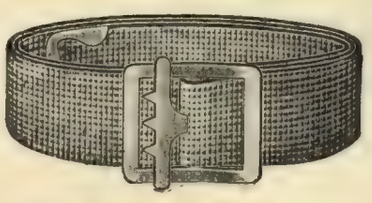
⅝ in. Black Harness Leather, Roller Buckle.

Per Dozen Pairs

No. 5—14 in. Long, Weight Dozen Pairs 1½ Lbs.... **$1.55**
No. 8—18 in. Long, Weight Dozen Pairs 2 Lbs.... **1.80**
No. 10—Heel Straps, 21 in. Long, Wt. Dz. Prs, 1¾ Lbs. **2.00**
No. 15—Toe Straps, 26 in. Long, Wt. Dz. Prs. 2¼ Lbs. **2.80**
No. 16—Toe Straps, 30 in. Long, Wt. Dz. Prs. 2½ Lbs. **3.35**

One Dozen Pairs in a Bundle.

WEB



Russet, with Patent Release Buckle.

Per Dozen Pairs

No. 18—20 in. Long, ⅝ in. Wide..... **$1.10**
No. 21—22 in. Long, ⅝ in. Wide..... **1.25**

Approximate Weight Dozen Pairs ¾ Lb.

One Dozen Pairs in a Bundle.

Skating Shoes.

No. 1466.

Canadian Hockey Skating Shoes.

Per Pair

No. 1466—Low Lace, Blucher Cut, Fine Quality Black Calf Uppers, Very Soft, Pliable and Light in Weight, Hard Box Toe for Special Protection, Heavy Felt Lined Tongue, Reinforced Inside with Leather Side Lining, Three Wide Webbing Side Stays, Outside Collar, Lace, Stay and Back Strap, Oak Sole, with Low Full Solid Clinched Heel **$6.75**

Sizes 5 to 11.

No. 4088.

Per Pair

No. 4088—Ladies', Soft, Pliable Kangaroo Calf Upper, Toe Lace Hockey Style, Extra High Cut, Full Double Sole, Reinforced Solid Heel, Felt Lined Tongue, Strap Over Ankle, Properly Reinforced and Supported..... **$6.10**

Sizes 2 to 8.

Skating Shoe. Per Pair

No. 1464—Best Quality Soft Black or Tan Kangaroo Calf, Lace to Toe Pattern, Hockey Style, Lamb's Wool Lined Tongue, Ankle Pad and Buckle Strap, Three Webbing Side Stays, Protecting Outside Counter Pocket, Full Double Oak Sole with Waterproof Chrome Slip, Goodyear Stitched, Full Solid Heels, Firmly Reinforced and Nailed **$7.35**

Sizes 5 to 11.

Skating Shoe. Per Pair

No. 2487—Black Chrome Calf Uppers, Half Double Oak Soles, Full Solid Reinforced Heel, Felt Lined Tongue, Wide Webbing, Side Stay, Outside Strap Support Over Ankle **$5.10**

Sizes 5 to 11.

Racer Skate Shoes. Per Pair

No. 1467—Best Genuine Australian Kangaroo Uppers, Very Soft and Pliable Stock, Extremely Light in Weight, Lace to Toe Pattern, Lacing Down Over Toe, Four Special Webbing Inside Reinforcements, Special Extra Long Counter that Supports the Foot without Tiring the Wearer, Firm Oak Sole.... **$6.25**

NOTE—The Above Skating Shoes Are Not Carried in Stock, but Are Made up to Order. It Will Take 10 to 15 Days to Fill Orders.

Hockey Sticks.

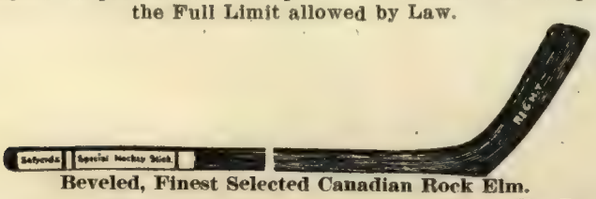
SALYERD'S

Finest Selected Canadian Rock Elm.

Per Dozen

Salyerd's Special Built-up Goal Stick—12x3 in. Blade, 42 to 46 in. Handle, Weight Per Dozen About 20 Lbs. **$13.35**

Adapted to provide Goal Keepers with a Stick that is up to the Full Limit allowed by Law.

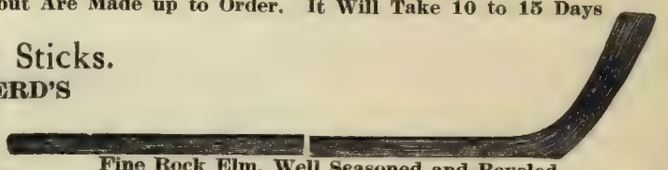


Beveled, Finest Selected Canadian Rock Elm.

Per Dozen

Salyerd's XXXX Special Hockey Stick—12 in. Long Blade, 2¼ to 2½ in. High, 44 in. Long Handle, ⅞x1⅛ in. Wide, Weight Per Dozen About 18 Lbs. **$10.00**

Open Stock.



Fine Rock Elm, Well Seasoned and Beveled.

Per Dozen

No. XXX—12 in. Long Blade, 2¼ to 2½ in. High, 44 in. Long Handle, Weight Per Dozen About 17 Lbs. **$8.35**

Rock Elm, Beveled. Per Dozen

No. XX—12 in. Long Blade, 2¼ to 2½ in. High, 44 in. Long Handle, Weight Per Dozen About 16 Lbs. **$6.15**

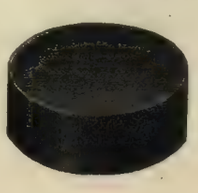
No. X—12 in. Long Blade, 2¼ to 2½ in. High, 44 in. Long Handle, Weight Per Dozen About 15 Lbs. **5.00**

Rock Elm, Plain. Per Dozen

No. 1—12 in. Long Blade, 2¼ to 2½ in. High, 44 in. Long Handle, Weight Per Dozen About 14 Lbs. **$2.90**

No. XB—Boys', 8 to 10 in. Long Blade, 2 in. High, 38 in. Long Handle, ¾x1 1/16 in. Wide, Weight Per Dozen About 2 Lbs. **2.00**

Open Stock.



Hockey Pucks.

Per Dozen

Official—Regulation Size, Selected Rubber, Weight Per Dozen About 6 Lbs. **$6.70**

One-twelfth Dozen in a Box.

Skis.

NOT GUARANTEED AGAINST BREAKAGE

Best Quality Selected Norway Pine, Natural Wood Finish, Fancy Stripes, Coated with Oil and Waterproof Varnish, Heavy Toe Straps, Rubber Foot Rests.

Nos.	4P	5P	6P	7P	76P	8P
Length, Feet	4	5	6	7	7½	8
Ap. Weight Per Pair, Lbs.	2½	3½	5	6	8½	10
Per Pair	$1.25	1.58	1.90	2.85	3.15	3.50

Best Quality Selected Maple, Beautiful Mahogany Finish, Fancy Grooved White Stripes, Heavy Toe Straps, Corrugated Rubber Foot Rests.

Nos.	4M	5M	6M	7M	76M	8M
Length, Feet	4	5	6	7	7½	8
Ap. Wt. Pair, Lbs.	3	3½	5	8	11	12
Per Pair	$1.90	2.55	3.15	3.80	4.45	5.05

THE LEVEL LAND RACER, Selected Straight Grained Ash, Straight and Rabbeted Sides, Heavy Toe Straps, Corrugated Rubber Foot Rests.

Nos.	8LA	96LA
Length, Feet	8	9½
Ap. Weight Per Pair, Lbs.	11	13
Per Pair	$7.00	7.60

Best Quality Ash, Black Finish, Fancy Grooved White Stripes, Heavy Leather Toe Straps, Corrugated Rubber Foot Rests.

Nos.	7A	76A	8A
Length, Feet	7	7½	8
Ap. Wt. Per Pair, Lbs.	7½	10	12
Per Pair	$5.40	6.00	6.65

CHAMPION, Very Best Quality Straight Grained Second Growth Hickory, Black Finish, Fancy Grooved White Stripes or Natural Wood with Dark Stripes, Heavy Toe Straps, Corrugated Rubber Foot Rests.

Nos.	7H	76H	8H
Length, Feet	7	7½	8
Ap. Wt. Per Pair, Lbs.	9	12	14
Per Pair	$7.00	7.60	8.20

HOW TO SELECT THE LENGTH OF SKIS

Put the Ski on the ground in a vertical position, then stretch your arm up at full length and choose a Ski that you can barely reach the point of with the tip of your long finger.

Ski Poles.

BAMBOO, with Flexible Washer.

	Each
Bamboo Ski Poles—6 ft. Long	$0.88

Weight Each About 1¼ Pounds.

Open Stock.

Hardwood, with Rigid Washer.

Length, Feet	4	5
Ap. Weight Each, Lbs.	1	1¼
Each	$0.40	.88

Open Stock.

Leather Bindings.

	Per Pair
Leather Bindings—With Metal Side Plates	$2.20

Weight Per Pair About 1¼ Pounds.

Open Stock.

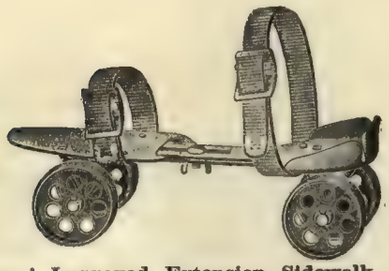
Hockey or Ski Caps.

Men's or Boys', All Worsted Wool, Brushed.

	Per Dozen
No. 7—Solid Colors, Oxford, Cardinal and Navy	$10.15
No. 8—Combination Colors, Navy and Cardinal, Oxford and Cardinal, Cardinal and Navy	10.15

Open Stock.

Roller Skates.

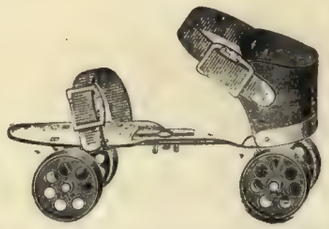


Boys' Improved Extension Sidewalk Skate.

Per Pair

No. 2380—Half Strap Heel and Strap Toe, Steel Top, Corrugated Steel Trucks, Black Web Straps, Patent Buckles, **Drilled Cast Iron Rolls,** Adjustable from 7¼ to 9½ in. **$0.58**

Weight Per Pair About 2¼ Pounds.

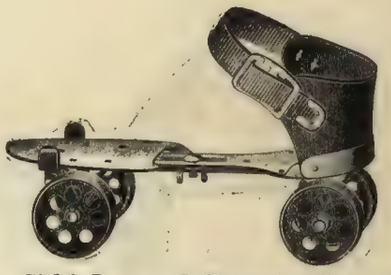


Girls' Improved Extension Sidewalk Skate.

Per Pair

No. 2280—Full Strap Fibre Heel and Strap Toe, Steel Top, Corrugated Steel Trucks, Web Straps, with Patent Buckles, Iron Heel Band, **Drilled Cast Iron Rolls,** Adjustable from 7¼ to 9½ in..... **$0.64**

Weight Per Pair About 2¼ Pounds.



Girls' Improved Extension Sidewalk Skate.

Per Pair

No. 2282—Full Strap Fibre Heel, Clamp Toe, Steel Top, Corrugated Steel Trucks, Web Strap with Patent Buckles, Iron Heel Band, **Drilled Cast Iron Rolls,** Adjustable from 7¼ to 9½ in..... **$0.76**

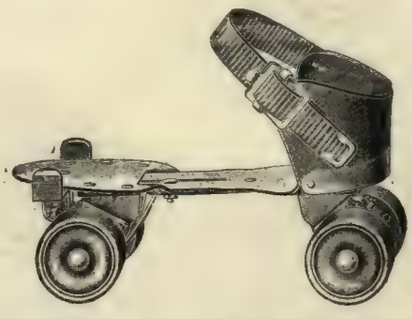
Weight Per Pair About 2½ Pounds.

MEN'S, Plain Bearing, Extension Skates.

Per Pair

No. 11-S—Half Strap Heel, Clamp Toe, Steel Extension Top, Oscillating Trucks, Best Rubber Cushions, Strap with Buckle, **Steel Rolls,** Adjustable from 8½ to 11 in..... **$1.38**

Weight Per Pair About 3½ Pounds.

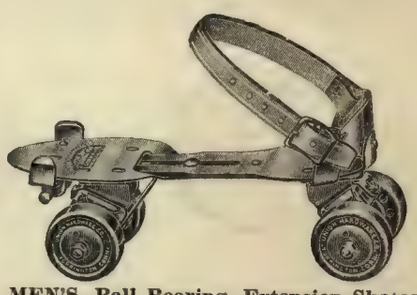


WOMEN'S, Plain Bearing, Extension Skates.

Per Pair

No. 12-S—Full Strap Fibre Heel, Clamp Toe, Steel Extension Top, Oscillating Trucks, Best Rubber Cushions, Web Straps, Patent Buckle, Polished Heel Band, Best Rubber Cushions, **Steel Rolls,** Adjustable from 7½ to 10 in.. **$1.38**

Weight Per Pair About 3½ Pounds.



MEN'S, Ball Bearing, Extension Skates, Nickel Plated.

Per Pair

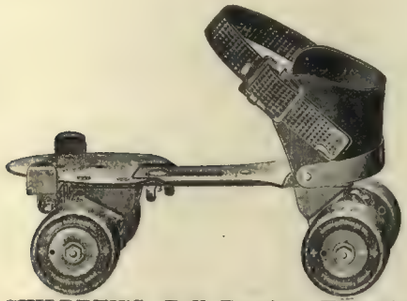
No. 5-S—Half Strap Heel, Clamp Toe, Steel Extension Top, High Metal Back, Oscillating Steel Trucks, Best Rubber Cushions, Leather Strap, **Steel Rolls,** Adjustable from 8½ to 11 in..... **$2.15**

WOMEN'S OR BOYS', Ball Bearing, Extension Skates, Nickel Plated.

Per Pair

No. 8-S—Same Description as No. 5-S, but with Narrow Toe Plates, Adjustable from 7½ to 10 in..... **$2.15**

Weight Per Pair About 4½ Pounds.

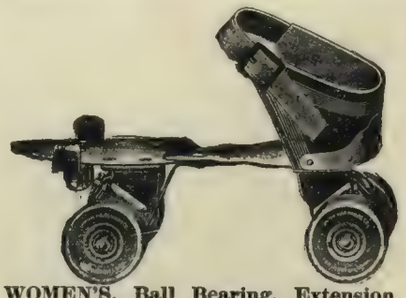


CHILDREN'S, Ball Bearing, Extension Skates, Nickel Plated.

Per Pair

No. 4-S—Full Strap Fibre Heel, Clamp Toe, Steel Top, Oscillating Truck, Web Strap, Patent Buckle, Heel Band, **Steel Rolls,** Adjustable from 6½ to 8½ in..... **$2.15**

Weight Per Pair About 4¼ Pounds.



WOMEN'S, Ball Bearing, Extension Skates, Nickel Plated.

Per Pair

No. 6-S—Full Strap Leather Heel, Clamp Toe, Steel Top, Oscillating Trucks, Best Rubber Cushions, Steel Heel Band, Strap with Buckle, **Steel Rolls,** Adjustable from 7½ to 10 in. **$2.15**

No. 6H—Same Description as Above, but with **Hemacite Rolls** **2.15**

Weight Per Pair About 4⅜ Pounds.

All Above, One Pair in a Package.

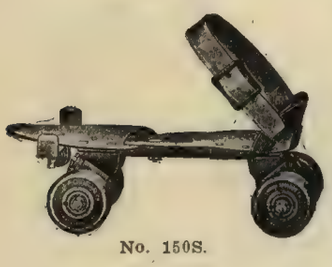
MEN'S, Ball Bearing, Extension Skates, Nickel Plated.

Per Pair

No. 7-S—All Clamp, Steel Top, Oscillating Trucks, Best Rubber Cushions, **Steel Rolls,** Adjustable from 8½ to 11 in.. **$2.15**

Weight Per Pair About 4½ Pounds.

Roller Skates.



No. 150S.

MEN'S Extension RINK Skates, Ball Bearing, Nickel Plated.

Per Pair

No. 150S—Half Strap Leather Heel, Clamp Toe, Steel Top, Heavy U Shaped Swedish Steel Bar Reinforcement, Oscillating Trucks, Best Rubber Cushions, Russet Grain Leather Strap, Extra Large **Steel Rolls**, Adjustable from 8½ to 11½ in.....**$3.25**

Approximate Weight Per Pair 4¾ Pounds.

No. 150F—Came Description as No. 150S, but with **Fibre Rolls** 4.25

WOMEN'S Extension RINK Skates, Ball Bearing, Nickel Plated.

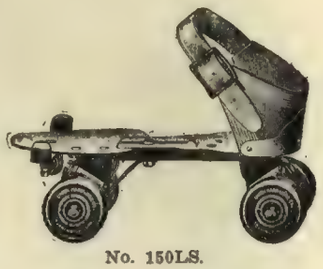
Per Pair

No. 150LS—Full Strap Leather Heel, Narrow Clamps at Toe, Heavy U Shaped Swedish Steel Bar Reinforcement, Oscillating Trucks, Best Rubber Cushions, Russet Leather Heel with Strap, Extra Large **Steel Wheels**, Adjustable from 7½ to 10½ in.....**$3.25**

No. 150LF—Same Description as Above, but with **Fibre Rolls**. 4.25

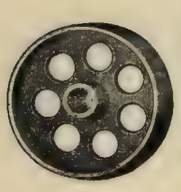
Approximate Weight Per Pair 4¾ Pounds.

NOTE—All Rink Skates Shipped F. O. B. Factory, Torrington, Conn.



No. 150LS.

Skate Rolls.



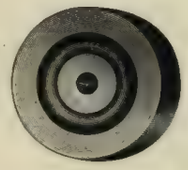
IRON, for Plain Bearing.

Per 100

No. 5—1⅞ in. Diameter, ⅝ in. Tread, ⅞ in. Hub, Light and Strong, Used as a Replacement for Worn Out Wood or Composition Rolls.. .....**$2.25**

Weight Per 100 About 13 Pounds.

Open Stock.



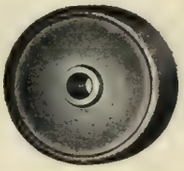
LIGNUMVITAE, for Plain Bearing.

Per 100

No 6—1¾ in. Diameter, ¾ in. Tread. **$10.00**

Weight Per 100 About 9½ Pounds.

Open Stock.



LIGHT STEEL, for Plain Bearing.

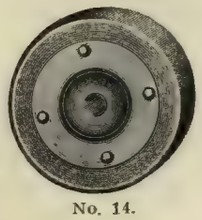
Per 100

No. 13—1⅞ in. Diameter, ⅝ in. Tread **$4.50**

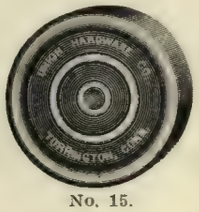
Weight Per 100 About 11 Pounds.

Open Stock.

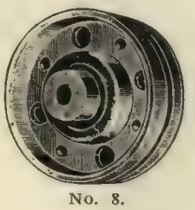
No. 12.



No. 14.



No. 15.



No. 8.

LIGHT STEEL, for Ball Bearing Perforated Flanges, without Cones or Balls.

Per 100

No. 12—1⅞ in. Diameter, ⅝ in. Tread, Weight Per 100 About 17 Lbs. **$6.15**

FIBRE, for Ball Bearing.

Per 100

No. 14—2 in. Diameter, ¾ in. Tread, Weight Per 100 About 20 Lbs. **$23.35**

STEEL, for No. 150 Extension Ball Bearing Rink Roller Skates.

Per 100

No. 15—2 in. Diameter, ¾ in. Tread, Weight Per 100 About 16¼ Lbs. **$14.50**

STEEL, for Plain Bearing, no Adjustment Required, Complete with Balls and Cones, Etc.

Per 100

No. 8—2 in. Diameter, ¾ in. Tread, Weight Per 100 About 26 Lbs. **$26.65**

The No. 8 is a Ball Bearing Roll for Plain Axles.

WRITE FOR PRICES.

Parts for Roller Skates.

For Skates Nos. 380, 2380, 2382, 3380, 3382, 280, 2280, 2282, 3280 and 3282.

No.		Per Dozen
13	Axle Cotter Key	$0.02
25	Axle Washer	.02
24	Axle	.18
64	Heel Strap (Buckle End)	.24
65	Heel Strap (Plain End)	.36
66	Toe Strap (Buckle End)	.24
67	Toe Strap (Plain End)	.27
68	Adjustment Binding Bolt	.07
69	Adjustment Binding Bolt Nut	.07
70	Fibre Heel, Complete	2.40
101	Outside Toe Clamp	.34
102	Inside Toe Clamp	.34
103	Toe Clamp Adjustment Screw	.15
104	Truck	.30

For Union Extension Nos. 9, 11, 12, and Rink Skates Nos. 33, 34, 35.

No.		Per Dozen
30	Toe Plate and Truck	$1.92
31	Heel Plate and Truck	2.02
71	Outside Toe Clamp	.40
72	Inside Toe Clamp	.40
73	Outside Heel Clamp	.40
74	Inside Heel Clamp	.40
75	Wheel Axle	.18
76	Axle Carrier	.48
77	Axle Cotter Key	.02
80	Axle Washer	.02
82	Carrier Rocker Pin	.12
83	Carrier Rocker Pin Cotter Key	.02
84	Rubber Cushion	.52
85	Rubber Cushion Plate	.07
86	Adjustment Binding Bolt	.07
87	Adjustment Binding Bolt Nut	.07
88	Toe Clamp Adjusting Screw	.15
89	Heel Clamp Adjusting Screw	.15
90	Front Truck Brace	.09
93	Heel Strap (Short and Long Straps, Including Buckle and Rivets)	1.85
95	Loop for Fastening Heel Strap to Skate	.12
96	Truck	72
97	Fibre Heel, Complete	2.40
105	Metal Back for No. 35 Skate	.96
109	Solid Foot Plate and Reach, with Truck and Rivets Complete, for Rink Skates	3.45

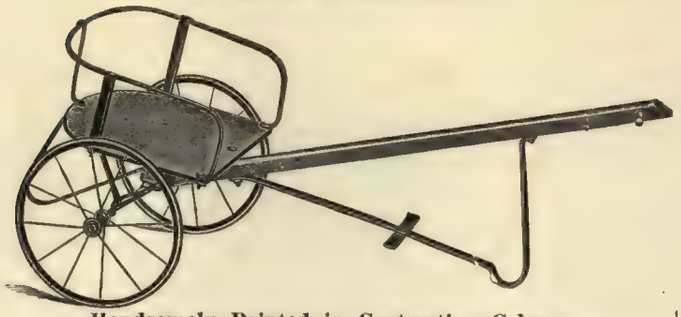
For Union Extension Nos. 4, 5, 6, 7 and Rink Skates Nos. 13, 14, 15, 150, 150L.

No.		Per Dozen
1	Outside Toe Clamp	$0.42
2	Inside Toe Clamp	.42
3	Outside Heel Clamp	.42
4	Inside Heel Clamp	.42
5	Wheel Cone (All Alike)	.14
6	Ball Case	.18
7	⅜ in. Ball	.07
8	Axle and Carrier, Complete (Both Alike)	.84
9	Axle Nut (All Alike)	.12
10	Axle Nut Washer (All Alike)	.03
11	Dust Cap (All Alike)	.09
12	Carrier Rocker Pin	.12
13	Carrier Rocker Pin Cotter Key	.02
16	Adjustment Binding Bolt	.07
17	Adjustment Binding Bolt Nut	.07
18	Toe Clamp Adjusting Screw	.15
19	Heel Clamp Adjusting Screw	.15
20	Front Truck Brace	.09
21	Heel Strap (Short and Long Straps, Including Buckle and Rivets)	1.85
32	Toe Plate and Truck	2.16
33	Heel Plate and Truck	2.32
80	Axle Washer	.02
84	Rubber Cushion	.56
85	Rubber Cushion Plate	.07
99	Truck	.72
97	Fibre Heel, Complete	2.40
100	Leather Heel, Complete	3.80
106	Metal Back for Men's Skates	1.14
107	Metal Back for Women's Skates	1.14
108	Solid Foot Plate and Reach, with Truck and Rivets Complete, for Rink Skates	4.00

IMPORTANT—Order all parts by number and give number of Skate for which parts are desired. Specify for right or left Skate when ordering clamps.

Sulkies.

E-Z GO NEVER TIP



Handsomely Painted in Contrasting Colors.

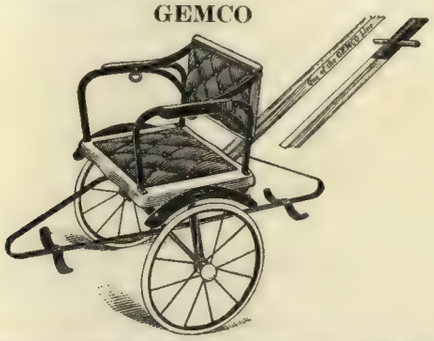
Per Dozen

No. 362—11x14 in. Seat Board, 4½ ft. Handle, 10 in. Steel Wheels, ⅜ in. Rubber Tires, Adjustable Foot Rest **$20.00**
Weight Per Dozen About 50 Pounds.
Two in a Crate, Knocked Down.

Per Set of Two

Extra Rubber Tired Wheels—For No. 362 Sulky..... **$1.00**
Weight Per Set About 2 Pounds.

GEMCO



REVERSIBLE, UPHOLSTERED, Brilliant Red Finish, with Body Varnish.

Per Dozen

No. 3U—High Reversible Back, Mortise and Tenon Seat Frame, Tufted Leatherette on Seat and Lazy Back, 10 in. Wheels with ½ in. Rubber Tires, Nickeled Hub Caps, Wood Arm Rests, Metal Fenders, Yellow Pine Varnished Tongue with Black Handle, Both Tongue Rest and Rear Safety Brace have Adjustable Foot Rests... **$42.25**
Weight Per Dozen About 146 Pounds.
Two in a Paper Carton, Knocked Down.

GEMCO

COLLAPSIBLE, UPHOLSTERED, with Springs, Coach Black Finish, Body Varnish.

Per Dozen

No. 31—High Reversible Back, Mortise and Tenon Seat Frame, Tufted Leatherette on Seat and Back, Long Half Elliptic Springs, 10 in. Wheels, ½ in. Rubber Tires, Varnished Folding Tongue, Iron Handle **$62.25**

Collapses easily in one motion. Requires no pulling or stops to secure it in either open or closed position. Tongue can be shifted to make a pushing sulky.
Weight Per Dozen About 288 Pounds.
One in a Wood Crate, Complete.

GEMCO

REVERSIBLE, Brilliant Red Finish, with Body Varnish.

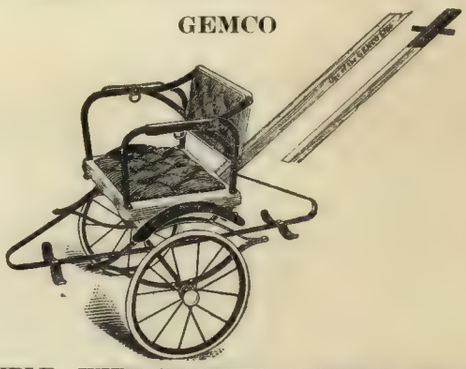
Per Dozen

No. 3F—High Reversible Back, Mortise and Tenon Seat Frame, Waterproofed Embossed Fibre-Board Seat, 10 in. Wheels with ½ in. Rubber Tires, Nickel Hub Caps, Graceful Metal Fenders, Yellow Pine Tongue with Black Handle, Both Tongue Rest and Rear Safety Brace have Adjustable Foot Rest.... **$30.50**
Weight Per Dozen About 130 Pounds.
Two in a Paper Carton, Knocked Down.

Per Set of Two

Extra Rubber Tired Wheels—For No. 3F Sulky..... **$1.45**
Weight Per Set of Two About 2¼ Pounds.

GEMCO

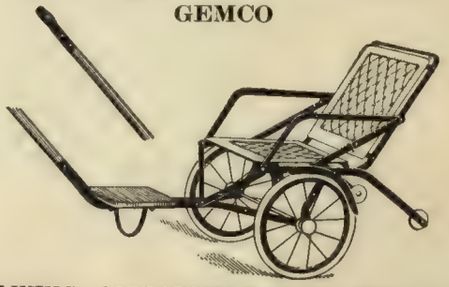


REVERSIBLE, WITH ELLIPTIC SPRINGS AND UPHOLSTERY, Brilliant Red Finish, with Body Varnish.

Per Dozen

No. 3SU—High Reversible Back, Mortise and Tenon Seat Frame, Tufted Leatherette on Seat and Lazy Back, Oil Tempered Springs, Protected by Safety Stops, 10 in. Wheels with ½ in. Rubber Tires, Nickeled Hub Caps, Wood Arm Rests, Metal Fenders, Yellow Pine Varnished Tongue with Black Handle, Both Tongue Rest and Rear Safety Brace have Adjustable Foot Rest..... **$51.10**
Weight Per Dozen About 164 Pounds.
Two in a Paper Carton, Knocked Down.

GEMCO

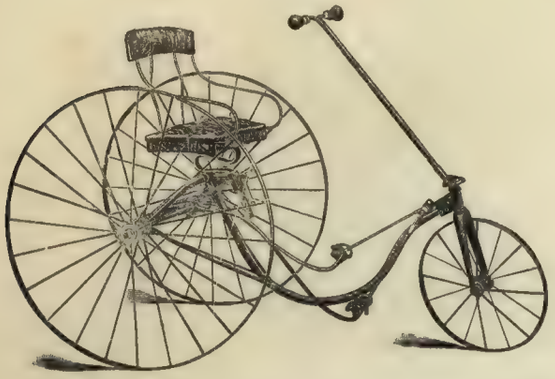


RECLINING, COLLAPSIBLE, Coach Black Finish.

Per Dozen

No. 8—14 in. High Reclining Back, 7 in. High Arms, Waterproof and Embossed Fibre Board Seat and Back, 10 in. Wheels, ⅜ in. Rubber Tires Nickeled Hub Caps, Indestructible Fibre Helper Wheels on Rear Safety Brace..... **$53.35**
Weight Per Dozen About 164 Pounds.
Two in a Crate, Knocked Down.

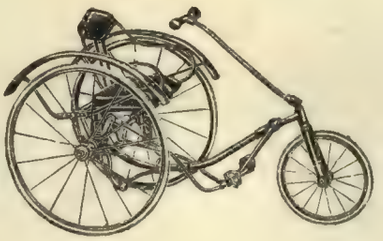
Tricycles.



Black Enameled Steel Frame, Enameled Wood Grips, Adjustable Covered Wood Seat, with Tinned Steel Frame and Arm Rests, Tinned Steel Wheels, **Rubber Tired.**

Nos.	40	41	42
Front Wheels, Inches	10	12	12
Rear Wheels, Inches	18	20	24
Ap. Weight Each, Lbs	30	34	45
Each	$8.45	10.00	13.90

One in a Crate, Knocked Down.



Ball Bearing, Maroon Baked Bicycle Enamel Finish Frame, Polished Before Enameling, Nickel Plated Arm Rests and Steering Handle, Natural Color Varnished Fenders, Polished Wound Leather Handle Grips, Spring Seat Post, Best Quality Imitation Leather Upholstery, ¾ in. Rubber Tires.

Nos.	118	120	122
Front Wheel, Inches	10	12	14
Rear Wheels, Inches	18	20	22
Ap. Weight Each, Lbs	45	49	62
Each	$14.50	16.70	19.50

One in a Crate, Knocked Down.

Velocipedes.

Black Enameled Steel Frame, Enameled Wood Grips, Tinned Pedals, Tinned Wheels, Adjustable Seat.

Rubber Tires.

Nos.	70	71	72	73
Front Wheel, Inches	14	16	20	24
Rear Wheels, Inches	10	12	16	16
Ap. Weight Each, Lbs	14	17	20	25
Each	$4.50	4.80	5.35	5.90

Steel Tires.

Nos.	20	21	22	23
Each	$2.60	2.70	3.15	3.70

One in a Crate, Knocked Down.

Ball Bearing, Frame and Wheels Enameled with Maroon Bicycle Enamel, Baked, Double Orange Stripe on Fork and Backbone, Fancy Head, Adjustable Nickel Plated Handle Bar, Adjustable Bicycle Saddle, Nickel Plated Seat Post, Bicycle Pedals and Diamond Faced Cranks, ¾ in. **Rubber Tires.**

Nos.	51	52	53
Front Wheels, Inches	16	20	24
Rear Wheels, Inches	12	14	16
Ap. Weight Each, Lbs	30	35	45
Each	$14.70	15.25	15.90

One in a Crate, Knocked Down.

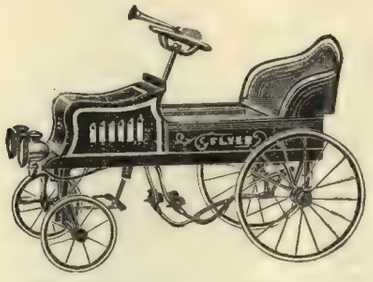
FAVORITE

Ball Bearing, Tubular Frame Enameled Maroon and Striped in Gold, Nickel Plated Fork Crown, Mud Guard Enameled to Match Frame, Nickel Plated Bicycle Hubs, Spokes and Nipples, Nickel Plated Forward Extension Bicycle Handle Bar, Reversible and Adjustable Wound Leather Handle Grips, Best uality Brown-Shape Padded Bicycle Saddle, High Grade Rat Trap Pedals, 1 in. **Rubber Tires.**

Nos.	82	83
Front Wheels, Inches	20	24
Rear Wheels, Inches	14	16
Ap. Weight Each, Lbs	40	45
Each	$23.35	27.80

One in a Crate, Knocked Down.

Automobiles.



Without Lamps and Horn.

Flyer, All Steel, Special Auto Red Finish, Blue and Yellow Striping, Triple Beading on Seat and Body, Hinged Adjustable Seat, Enameled Green Gears, Rubber Tired Wheels, Bronze Starting Crank, License Tag and Front Apron.

Nos.	01	30
Size of Body, nches	14x30	15x35
Front Wheels, Inches	8	10
Rear Wheels, Inches	14	16
Rubber Tires, Inches	⅜	½
Ap. Weight Each, Crated, Lbs.	45	55
Each	$9.50	11.50

One in a Crate, K. D.

Without Lamps and Horn.

Tandem, All Steel, Red Finish Outside, Green Finish Inside, Enameled Green Gears, Rubber Tired Wheels, Bronze Starting Crank, License Tag and Front Apron.

No.	130
Size of Body, Inches	14x48
Front Wheels, Inches	10
Rear Wheels, Inches	16
Rubber Tires, Inches	½
Ap. Weight Each, Crated, Lbs	65
Each	$15.35

One in a Crate, K. D.

Hand Cars.

Glascock Racer, Bessemer Steel Frame, Baked Black Enamel Finish, Red Seat and Handle Grips, Seat Decorated with Handsome Transfer Designs, Tinned Wheels.

Each

No. 7—42 in. Long Over All, 8x20 in. Seat, 8 in. Diameter Front Wheels, 12 in. Diameter Rear Wheels, ½ in. Rubber Tire, Weight Each About 35 Lbs. $7.25

Glascock Junior Racer, Bessemer Steel Frame, Baked Black Enameled Finish, Orange Yellow Seat and Grips, Seat Decorated with Handsome Transfer Designs, Tinned Wheels.

Each

No. 10—33 in. Long Over All, 7½x15 in. Seat, 8 in. Diameter Front Wheels, 10 in. Diameter Rear Wheels, ⅜ in. Rubber Tires, Weight Each About 25 Lbs. $5.55

One in a Crate, K. D.

Express Wagons.

Buster Brown, All Steel, Varnished Throughout Inside and Outside, Gold Trimmings, Two Color Block Letters, Heavy Wrought Iron Brace from Rear of Axle to Bottom of Body.

Nos.	A	B	C	D
Body, Inches	9x18	10x20	11x22	12x24
Front Wheels, Inches	6	7	8	8
Rear Wheels, Inches	9	10	11	12
Ap. Wt. Per Dozen, Lbs.	72	80	95	140
Per Dozen	$12.80	14.35	15.90	19.50

Nos.	E	F	G	H
Body, Inches	13x26	14x28	15x30	18x36
Front Wheels, Inches	10	11	12	14
Rear Wheels, Inches	13	14	15	18
Ap. Wt. Per Dozen, Lbs.	190	208	220	440
Per Dozen	$23.10	25.60	28.15	48.90

Nos. A to G, One-quarter Dozen; No. 4, One-twelfth Dozen in a Crate, K. D.

Quick Repair Tires.

CALCUTT'S

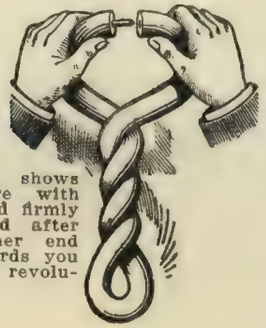


Illustration shows end of Tire with Coupling held firmly in left hand after twisting other end of tire towards you six complete revolutions.

Sectional View of Calcutt's Quick Repair Tire, Showing Coupling in Position.

For Go-Carts, Velocipedes, Etc.

Per Box

⅜ in.—50 ft. with 30 Couplings, in Sealed Box, Weight Per Box About 7 Lbs. $6.70
½ in.—50 ft. with 30 Couplings, in Sealed Box, Weight Per Box About 10 Lbs. 8.90
⅝ in.—25 ft. with 15 Couplings, in Sealed Box, Weight Per Box 8 Lbs. 6.70

Complete Instructions Packed with Each Box.
We Do Not Break Boxes.

Coaster Wagons.

MASCOT AUTO

BALL BEARING Auto Wheels, with Steel Gear.

Removable Hardwood Box, Oiled and Varnished, Has Set in Front and can be Taken Off the Bottom by Removing Two Nuts, Wood Wheels, Mitered and Tenoned Spokes, Bent Wood Rims, ¾ x ⅛ in. Steel Tire Shrunk on, Malleable Iron Hub Flanges, Ball Bearings with Case Hardened Cones, ½ in. Round Cold Drawn Steel Axles, Simple and Efficient Brake, Heavy Hardwood Tongue, Steel Hand Loop.

	Per Dozen
No. 351—14x32 in. Box, 9 in. Diameter Wheels, Weight Per Dozen About 290 Lbs	**$77.80**

One-sixth Dozen in a Crate, K. D.

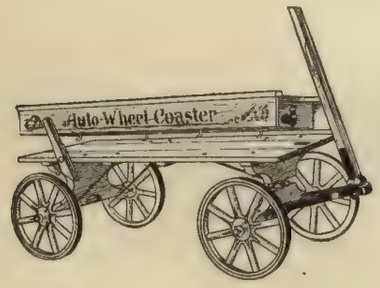
With BALL BEARING Auto Wheels.

Removable Hardwood Box, Oiled and Varnished, Has Set in Front and can be Taken Off the Bottom by Removing Two Nuts, Wood Wheels, Mitered and Tenoned Spokes, Bent Wood Rims, ¾ x ⅛ in. Steel Tire, Shrunk On, Malleable Iron Hub Flanges, Ball Bearings with Case Hardened Cones, ½ in. Round Cold Drawn Steel Axles. The Hound of the Gear is Made of Heavy Band Steel Riveted to the Bolster and has a Brace from the Front to the King Bolt and King Bolt Brace, Simple and Efficient Brake, Heavy Hardwood Tongue, Steel Hand Loop.

	Per Dozen
No. 341—14x36 in. Box, 9 in. Diameter Wheels, Weight Per Dozen About 290 Lbs	**$ 84.50**
No. 343—16x36 in. Box, 9 in. Diameter Wheels, Weight Per Dozen About 325 Lbs	**100.00**
No. 345—16x40 in. Box, 11 in. Diameter Wheels, Weight Per Dozen About 375 Lbs	**113.25**

One-sixth Dozen in a Crate, K. D.

AUTO WHEEL



ROLLER BEARING, with Instantaneous Detachable Box.

Well Seasoned Second Growth White Ash Body, Varnished on the Natural Wood, with Hand Ornamentation, in Bright Vermilion, Well Seasoned Hard Maple Bolsters, Automobile Type Wheels, Ovaled Second Growth White Ash Spokes, ½ x ¾ in. Felloe, with ⅛ x ¾ in. Flat Steel Tire Electrically Welded and Shrunk On, Cold Rolled Pressed Steel Hub and Bushing, Hard Drawn Bessemer Steel Roller Bearings, Wheels Held in Place by Cotter Pins, with Dust Caps, Wheels Finished in Two Coats of Bright Vermilion, Striped in Black and Varnished, Iron Parts Japanned and Baked.

	Per Dozen
No. 22—14x34 in. Box, 10 in. Diameter Wheels Weight Per Dozen About 360 Lbs	**$ 80.00**
No. 33—16x38 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 420 Lbs	**88.90**
No. 44—18x40 in. Box, 12 in. Diameter Wheels, Weight Per Dozen About 480 Lbs	**100.00**

One-twelfth Dozen in a Paper Carton, K. D.

Coaster Wagons.

BADGER

Nos. 303 to 305.

Well Seasoned Hardwood Body, Extra Heavy Wheels, with Shaved Round Spokes, ¾x½ in. Bent Rock Elm Rims, ¾x⅛ in. Wrought Steel Tires, Welded and Shrunk On, Japanned Malleable Iron Hubs, Selected Stock Gear Securely Braced to Body, $\frac{9}{16}$ in. Round Steel Axles, Body and Gear Varnished on the Natural Wood, Decorated in Red and Black, Wheels Painted Bright Red.

Stationary Box, Steel Tires, Wood Hubs.

	Per Dozen
No. 302½—13x28 in. Box, 8 in. Diameter Wheels, Weight Per Dozen About 240 Lbs	**$35.60**

Removable Box, Steel Tires, Malleable Hubs.

	Per Dozen
No. 303—14x32 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 390 Lbs	**$53.30**
No. 304—16x36 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 420 Lbs	**66.70**
No. 305—18x40 in. Box, 10 in. Diameter Wheels, Weight Per Dozen About 450 Lbs	**80.00**

One-sixth Dozen in a Crate, Knocked Down.

	Per Dozen
Seats—For Any Size, Weight Each About 3½ Lbs	**$8.35**
	Per Set of Four
Steel Tire Wheels—10 in., for Nos. 303, 304 and 305 Coaster Wagons, with Old Style **Wood Hubs**, 3½ in. Axle Length, Weight Per Set About 7 Lbs	**$2.25**
Steel Tire Wheels—10 in., for Nos. 303, 304 and 305 Coaster Wagons, with **Malleable Iron Hubs**, 2⅝ in. Axle Length, Weight Per Set About 8½ Lbs	**2.25**

NOTE—When ordering Extra Wheels for Badger Coaster Wagons, be sure to specify whether same are wanted with Wood Hub or Malleable Hub.

Farm Wagons.

BADGER

Hardwood Frame, Seat and Dashboard, Removable Sides and Ends, Handsomely Painted and Ornamented with Scroll Work, Hardwood Gear, Wood Wheels with Steel Hub Caps and Bands, Heavy Welded Tires and Shaved Spokes, All Parts Strongly Ironed and Braced, $\frac{9}{16}$ in. Round Steel Axles.

	Each
No. 355—18x36 in. Body, 14 in. Diameter Front Wheels, 20 in. Diameter Rear Wheels, **Complete with Hand Pull and Tongue, Seat, Side Boards, End Gate and Shaft for Dog or Goat**	**$11.10**

Shipping Weight Each About 60 Pounds.

One in a Crate, Knocked Down.

Coasters.

Nos. 31 and 32.

Flat Shoes, Varnished Runners, Painted and Decorated Top.

Per Dozen

No. 31—33 in. Long, 10 in. Wide, Weight Per Dozen About 70 Lbs. **$5.00**

Round Spring Shoes, Varnished Runners, Painted and Decorated Top.

Per Dozen

No. 33—33 in. Long, 10 in. Wide, Weight Per Dozen About 78 Lbs. **$7.55**

Round Spring Shoes, Varnished Runners, Painted and Decorated Top, with Side Hand Holes and Two Cross Bars.

Per Dozen

No. 32—37 in. Long, 11 in. Wide, Weight Per Dozen About 95 Lbs. **$8.90**

One-half Dozen in a Crate.

Round Spring Shoes, Varnished Runners, Painted and Decorated Top with Two Cross Bars, Plain Hardwood Fenders.

Per Dozen

No. 035—37 in. Long, 14 in. Wide, Weight Per Dozen About 95 Lbs. **$12.80**

One-half Dozen in a Bundle.

Round Spring Shoes, Varnished Runners, Painted and Decorated Top, with Three Cross Bars and Four Side Hand Holes.

Per Dozen

No. 36—42 in. Long, 11 in. Wide, Weight Per Dozen About 120 Lbs. **$17.25**

No. 37—46 in. Long, 11½ in. Wide, Weight Per Dozen About 150 Lbs. **22.25**

One-half Dozen in a Crate.

Round Spring Shoes, Varnished Runners, Handsomely Painted in Black, Gilt Ornamenting.

Per Dozen

No. 38—42 in. Long, 11 in. Wide, Weight Per Dozen About 140 Pounds. **$33.35**

No. 39—47 in. Long, 13 in. Wide, Weight Per Dozen About 170 Lbs. **42.25**

One-half Dozen in a Crate.

Hand Sleds.

Two Bent Knees, Flat Shoes, Painted and Decorated Top.

Per Dozen

No. 01—31 in. Long, 10 in. Wide, Weight Per Dozen About 36 Lbs. **$5.60**

One-sixth Dozen in a Bundle.

Three Bent Knees, Painted and Decorated Top, Varnished and Striped Runners, Tinned Wrought Iron Braces.

Per Dozen

No. 03—With Flat Shoes, 36 in. Long, 12 in. Wide, Weight Per Dozen About 57 Lbs. ..... **$ 9.50**

No. 04—With Half Oval Shoes, 36 in. Long, 12 in. Wide, Weight Per Dozen About 67 Lbs. **12.60**

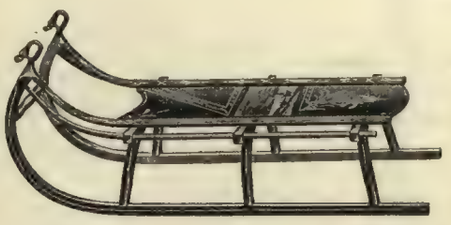
One-sixth Dozen in a Bundle.

Two Bent Knees, Half Oval Shoes, Painted and Decorated Top, Varnished and Striped Runners, Tinned Wrought Iron Braces, Tinned Malleable Swan Heads.

Per Dozen

No. 6—33 in. Long, 12 in. Wide, Weight Per Dozen About 68 Lbs. **$13.25**

One-sixth Dozen in a Bundle.



Three Bent Knees, Half Oval Shoes, Painted and Decorated Top and Runners, Half Oval Tinned Wrought Iron Braces, Round Side Fenders, Tinned Malleable Swan Heads.

Per Dozen

No. 15—36 in. Long, 15 in. Wide, Weight Per Dozen About 76 Lbs. **$18.90**

One-sixth Dozen in a Bundle.

Three Bent Knees, Half Oval Shoes, Half Oval Tinned Wrought Iron Full Length Braces, Round Side Fenders.

Per Dozen

No. 17—With Painted and Decorated Top and Runners, 36 in. Long, 15 in. Wide, Wt. Per Dozen About 88 Lbs. . **$23.35**

No. 60—Painted Throughout in Assorted Colors, Finely Decorated Top with Flowers and Landscape, Plated Draw Heads, 41 in. Long, 16 in. Wide, Weight Per Dozen About 105 Lbs. **36.70**

One-sixth Dozen in a Bundle.

Child's Cutters.

No. 5C.

Two Bent Knees, Half Oval Shoes, Brightly Plated Braces, Round Side Fenders, Painted and Ornamented Throughout, Deep Body and Seat, **Push Handle, Red or Green Finish.**

Each

No. 3C—27 in. Long, 14 in. Wide, Weight Each About 24 Lbs. **$4.50**

No. 5C—Same as No. 3C, but Upholstered in Velour, Weight Each About 25 Lbs. **6.70**

One in a Crate.

Three Bent Knees, Half Oval Shoes, Brightly Plated Braces and Top Rails, Velour Upholstered Seat, Back and Sides, **Push Handle, White Enamel Finish.**

Each

No. 9½C—30 in. Long, 15 in. Wide, Weight Each About 35 Lbs. **$11.15**

One in a Crate.

Flexible Flyers.

"THE SLED THAT STEERS"

Made of the Finest Materials, Spring Steel Grooved ⊥ Shaped Runners, Pressed Steel Supports, Hardwood Frame and Seat.

Each

No. 1A—38 in. Long, 12 in. Wide, 6 in. High, Weight Each About 8½ Lbs., Carries One Child of Medium Size **$3.75**

No. 2A—42 in. Long, 13 in. Wide, 6¼ in. High, Weight Each About 10 Lbs., Carries One Grown Person or Two Children **4.50**

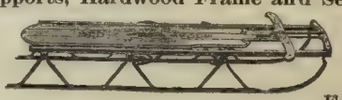
Open Stock.

Each

No. 3A—47 in. Long, 14 in. Wide, 8¼ in. High, Weight Each About 14 Lbs., Carries Two Large Children and is Amply Strong for Two Adults **$5.55**

No. 4A—52 in. Long, 14 in. Wide, 8½ in. High, Weight Each About 16 Lbs., Designed Especially to Carry Two Grown Persons **6.75**

Open Stock.



Each

No. 5A—63 in. Long, 16 in. Wide, 8½ in. High, Weight Each About 22 Lbs., Carries Three Grown Persons or Four or Five Children **$9.00**

Open Stock.

Each

Racer—56 in. Long, 13 in. Wide, 6¼ in. High, Weight Each About 16 Lbs. **$6.80**

Open Stock.

Chrome Nickel Steel Runners.

Each

Tuxedo Racer—60 in. Long, 13 in. Wide, Height to Top of Seat (Front) 6¼ in., (Rear) 5 in., Height to Top of Rails (Front) 6½ in., (Rear) 5½ in., Weight Each About 22½ Lbs. **$9.00**

This Sled, as a whole, slopes about 1 in. from the front to the rear.

Open Stock.

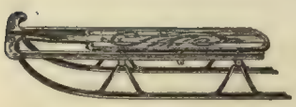
Each

No. 6—101 in. Long, 16 in. Wide, 8¾ in. High, Weight Each 41 Lbs., Carries Six Grown Persons **$18.00**

Open Stock.

Fire Fly Coasters.

Spring Steel ⊥ Shaped Runners, Pressed Steel Supports, Hardwood Frame and Seat.



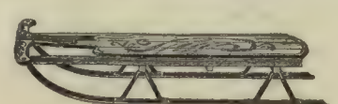
Each

No. 9—32 in. Long, 11 in. Wide, 6 in. High, Weight Each About 7 Lbs. **$1.80**

No. 10—36 in. Long, 12 in. Wide, 6 in. High, Weight Each About 8 Lbs. **2.40**

Nos. 9 and 10 Carry One Child of Medium Size.

Open Stock.



Each

No. 11—40 in. Long, 13 in. Wide, 6¼ in. High, Weight Each About 9½ Lbs., Carries One Grown Person or Two Children **$3.00**

Open Stock.

Each

No. 12—45 in. Long, 14 in. Wide, 8¼ in. High, Weight Each About 13 Lbs., Carries Two Large Children **$3.90**

Open Stock.

Wabash Steel Coasters.

Two Knees, ⊥ Steel Runners, Handsomely Striped Board.

Per Dozen

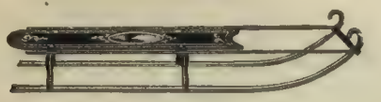
No. 231—31 in. Long, 10 in. Wide, 4 in. High, Weight Per Dozen About 60 Lbs. $11.70

Two Knees, ⊥ Steel Runners, Nicely Striped and Ornamented.

Per Dozen

No. 232—32 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 90 Lbs. $13.35

No. 235—35 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 100 Lbs. 17.80



Two Knees, ⊥ Steel Runners, Beautifully Hand Decorated and Striped.

Per Dozen

No. 234—34 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 95 Lbs. $18.90

No. 238—38 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 110 Lbs. 20.00

Three Knees, ⊥ Steel Runners, Beautifully Hand Decorated and Striped.

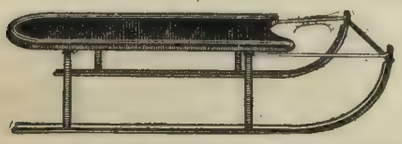
Per Dozen

No. 242—42 in. Long, 12 in. Wide, 4½ in. High, Weight Per Dozen About 120 Lbs. $24.50

All the Above Coasters Shipped "Knocked Down" to Save Freight.

One-quarter Dozen in a Crate, Knocked Down.

Wabash Steel Sleds.



Two Knees, ⊥ Steel Runners, Handsomely Striped Board.

Per Dozen

No. 127—27 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 60 Lbs. $11.70

Two Knees, ⊥ Steel Runners, Neatly Striped and Ornamented.

Per Dozen

No. 128—28 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 90 Lbs. $15.00

No. 132—32 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 100 Lbs. 18.90

Two Knees, ⊥ Steel Runners, Beautifully Hand Decorated, Handsomely Striped.

Per Dozen

No. 130—30 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 95 Lbs. $20.00

No. 133—33 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 110 Lbs. 22.25

Three Knees, ⊥ Steel Runners, Beautifully Hand Decorated and Handsomely Striped.

Per Dozen

No. 136—36 in. Long, 12 in. Wide, 6 in. High, Weight Per Dozen About 120 Lbs. $26.65

All the Above Sleds are Shipped "Knocked Down" to Save Freight.

One-quarter Dozen in a Crate, Knocked Down.

Toboggans

METEOR

Best Selected Maple and Oak Stock, Finished with Great Care, Two Outside and Middle Ribs Made of Oak and Rounded at the Underside, they are Heavier and Thicker than the Other Strips or Slats between, thus Reducing the Friction of the Snow and Making them More Speedy.

With Wooden Hand Rails.

Nos.	21	22	23	24
Length, Feet	5	6	7	8
Ap. Weight Each, Lbs.	21	23	26	30
Per Dozen	$156.00	173.50	191.00	208 00

One in a Crate.

STAR

Made of Selected Maple, Flat Bottom Runner, Oil Finished.

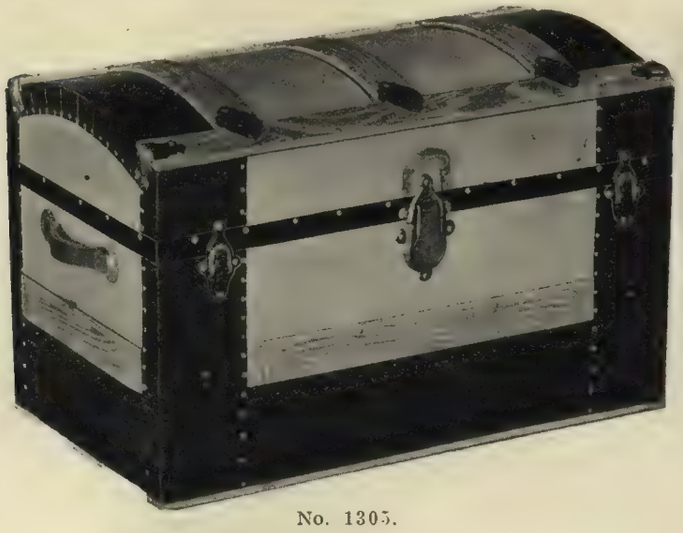
With Low Wooden Hand Rail.

Nos.	11	12	13	14
Length, Feet	5	6	7	8
Ap. Weight Each, Lbs.	17	19	22	24
Per Dozen	$60.75	69.30	78.00	87.00

One in a Crate.

Trunks.

NOTE—We do not Guarantee Against Rubbing or Chafing of Trunks, Suit Cases, Hand Bags or Telescopes while in Transit. Any Damage Should be Immediately Reported to Railroad Agent and Proper Notation on the Freight Bill Insisted Upon. No Goods to be Returned.



No. 1305.

No. 1305—Embossed Metal Covered Trunk.

Fancy Metal Covered, Japanned Iron Bound, Basswood Box, with Oval Top, Iron Bottom, Set-up Tray, with Covered Hat Box, Brass Lock.

Size, Inches	26	28	30
Weight Each About, Lbs.	25	29	30½
Each	$3.35	4.00	4.70
Size, Inches	32	34	36
Weight Each About, Lbs.	32	34½	36½
Each	$5.35	6.00	6.70

Embossed Iron Trunk.

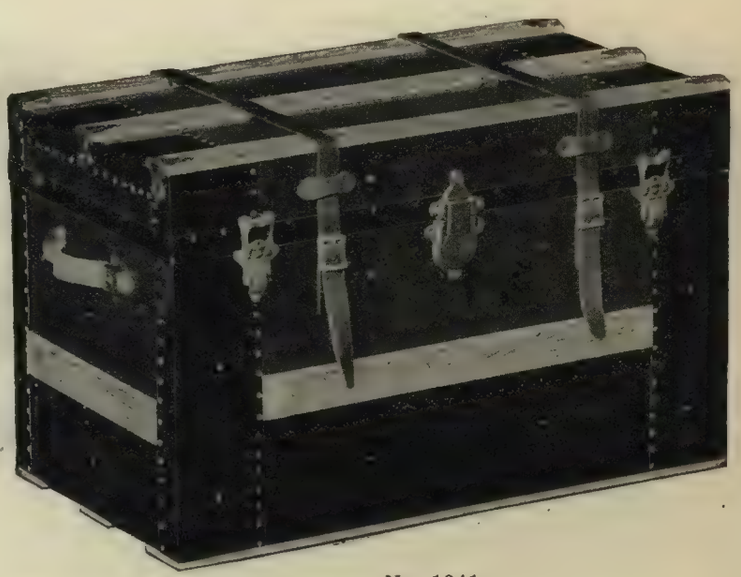
Covered with Canvas, Embossed Iron, Japanned Iron Bound, Brass Plated Steel Trimmings, Set-up Tray with Covered Hat Box.

No. 1341—With Straps.

Size, Inches	28	30	32	34	36
Wt. Each About, Lbs.	30	32	35	38	40
Each	$5.75	6.50	7.10	7.80	8.50

No. 1340—Without Straps.

Size, Inches	28	30	32	34	36
Wt. Each About, Lbs.	28½	31	34	38	40
Each	$4.70	5.35	6.00	6.70	7.35



No. 1341.

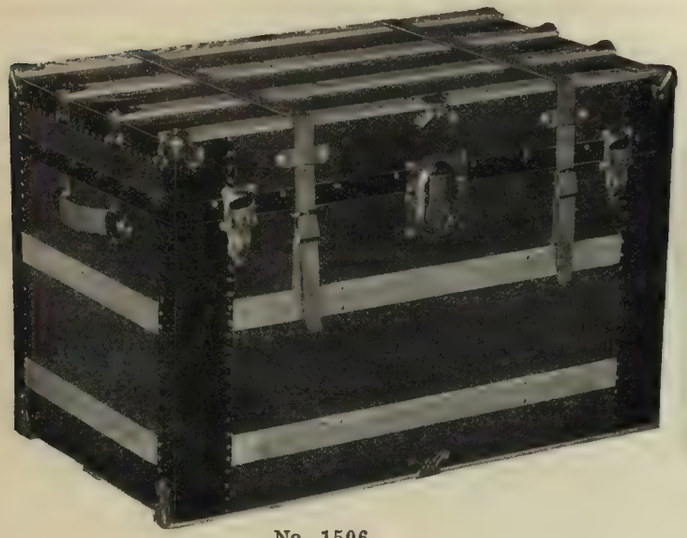
No. 1455.

No. 1455—Sheet Steel Covered Trunk.

Covered with Black Enameled Sheet Steel, Ornamented and Strengthened with Saddle Nails, Finest Aluminum Bronzed Hoop Steel Binding, Basswood Box, Nickel Plated Steel Trimmings, Covered Tray, Extra Dress Tray, Fancy Lining.

Size, Inches	34	36	38
Weight Each About, Lbs.	61	64	70
Each	$15.75	16.90	17.80

Trunks.



No. 1506.

Canvas Covered Trunks.

Basswood Box, Canvas Covered, Oil Painted, Japanned Iron Bound, Brass Plated Steel Trimmings, Tray with Covered Hat Box.

No. 1506—With Heavy Leather Straps.

Size, Inches	30	32	34	36	38
Wt. Each About, Lbs.	42	44	46	48	50
Each	$7.35	8.00	8.70	9.35	10.00

No. 1502—Without Straps.

Size, Inches	30	32	34	36	38
Wt. Each About, Lbs.	35	39½	41	45	49
Each	$6.35	7.00	7.65	8.35	8.90

Canvas Covered Trunk.

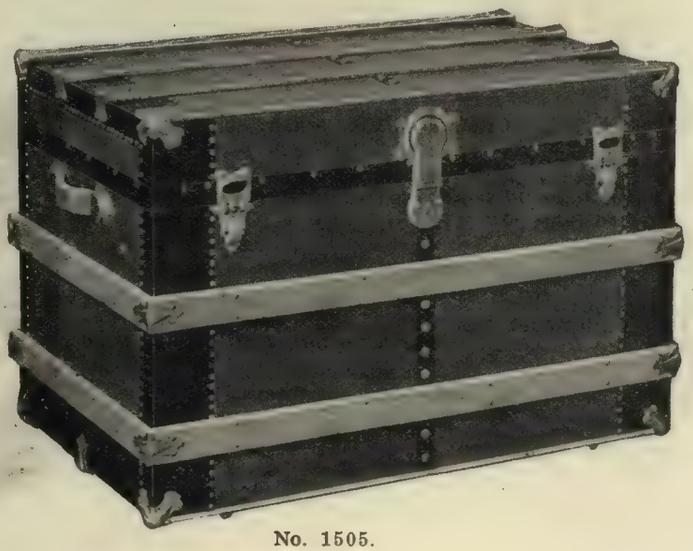
Basswood Box, Canvas Covered, Sheet Steel Binding, Hoop Steel Center Band, Brass Plated Trimmings, Excelsior Lock, Deep Tray with Covered Hat Box, Fancy Lining.

No. 1505—Without Straps.

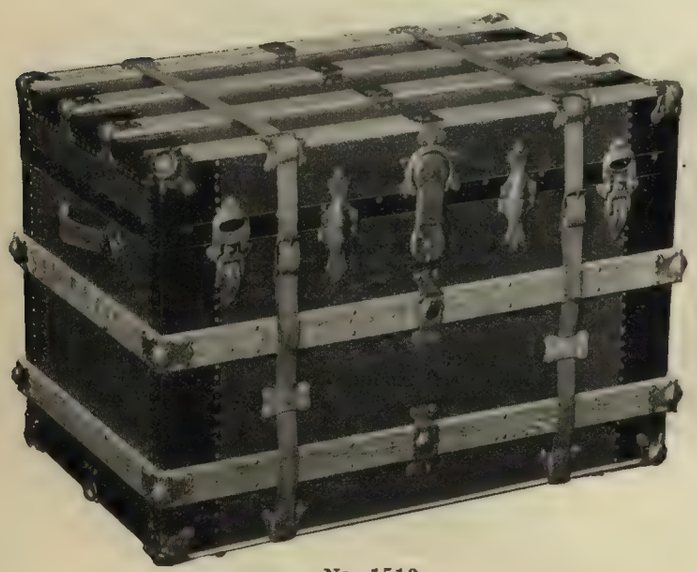
Size, Inches	28	30	32	34	36	38
Wt. Each About, Lbs.	42	44	46	48	50	52
Each	$6.50	7.20	7.80	8.50	9.15	10.00

No. 2505—With Leather Strap.

Size, Inches	32	34	36	38
Weight Each About, Lbs.	40½	42½	47	50
Each	$9.15	9.80	10.50	11.15



No. 1505.



No. 1512.

Canvas Covered Trunk.

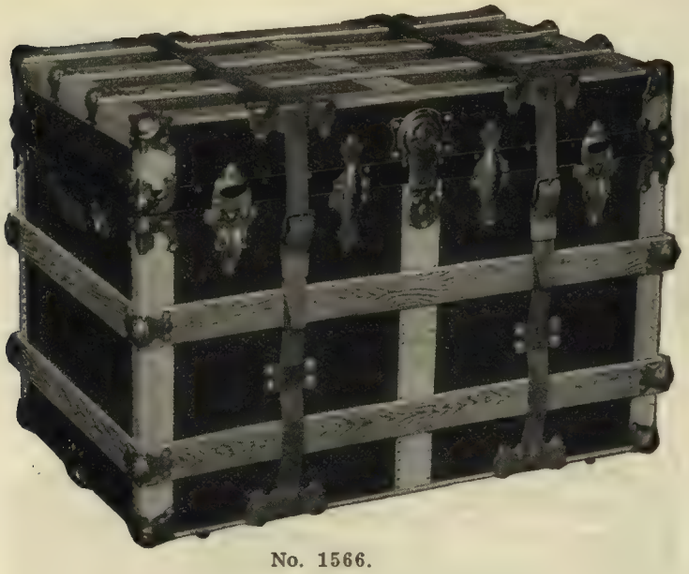
Basswood Box, Canvas Covered, Japanned Sheet Steel Binding, Brass Plated Capital Trimmings, Excelsior Locks, Full Covered Tray, Fancy Lining.

No. 1512—With Leather Straps.

Sizes, Inches	32	34
Weight Each About, Lbs.	42	46½
Each	$10.35	10.85

Size, Inches	36	38
Weight Each About, Lbs.	50	55
Each	$11.65	12.35

Trunks.



No. 1566.

Canvas Covered Trunk.

Very Large Basswood Box, Canvas Covered, Vulcanized Fibre and Center Band, Heavy Brass Plated Steel Trimmings, Covered Tray, Extra Dress Tray, Fancy Lining.

No. 1566—With Leather Straps.

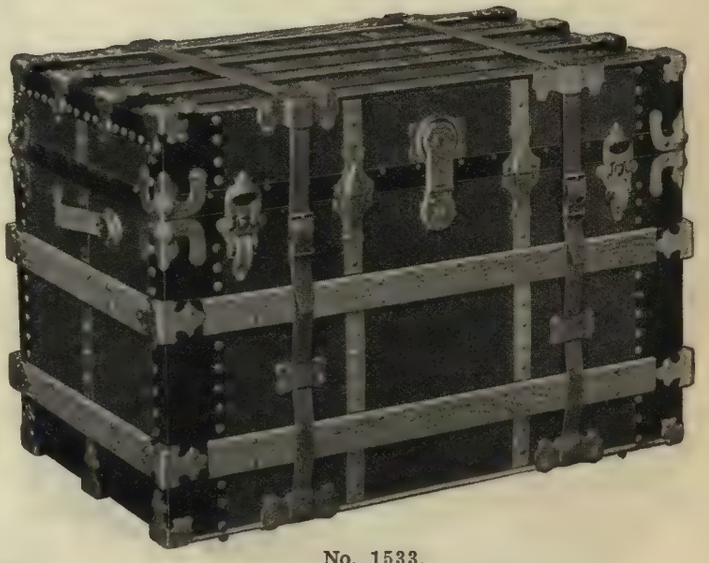
Size, Inches	32	34	36
Weight Each About, Lbs.	50	54	58
Each	$13.35	14.15	15.00
Size, Inches		38	40
Weight Each About, Lbs.		62	67
Each		$15.75	16.70

Canvas Covered Trunk.

Large Basswood Box, Canvas Covered, Japanned Sheet Steel Bound, Two Bronzed Hoop Steel Center Bands all Around Trunk and One on End, Extra Heavy Brass Plated Steel Trimmings, Riveted, Covered Tray, Extra Dress Tray, Cloth Lined.

No. 1533—With Leather Straps.

Size, Inches	34	36	38	40
Wt. Per Doz. Abt., Lbs.	65	69	73	77
Per Dozen	$18.00	19.25	20.60	21.90



No. 1533.

No. 1253.

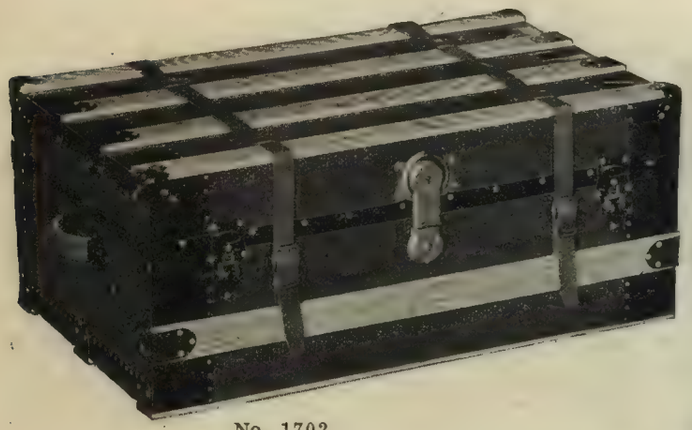
Vulcanized Fibre Covered Trunk.

Large Trunk, Covered and Bound with Heavy Vulcanized Fibre, Center Band of Same Material, Brass Plated Steel Trimmings, Angle Iron Over Slats on Top and Bottom, Hardwood Slats Fastened with Saddle Nails and Tipped, Covered Tray, Extra Dress Tray, Fancy Lining.

No. 1253—With Leather Straps.

Size, Inches	34	36	38	40
Wt. Each About, Lbs.	60	70	74	77
Each	$16.75	18.15	19.50	20.80

Trunks.



No. 1702.

Steamer Trunks.

Canvas Covered, Japanned Iron Binding, Hardwood Slats, Japanned Steel Corners and Clamps, Excelsior Lock, Tray with Two Compartments.

No. 1702—With Leather Straps.

Size, Inches	32	34	36	38
Weight Each About, Lbs.	35	37	38	40
Each	$7.35	8.00	8.70	9.35

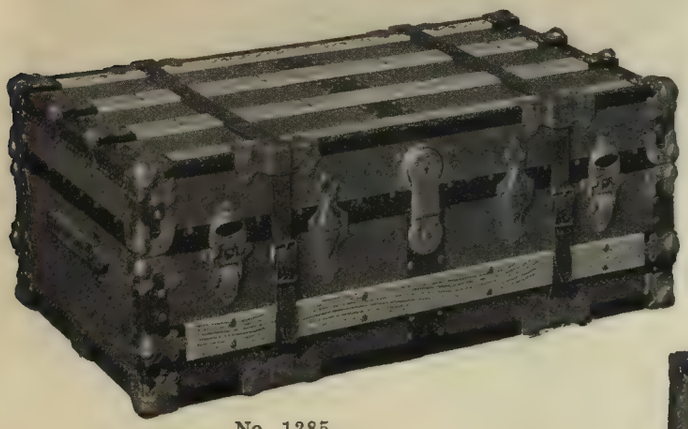
Steamer Trunk.

Canvas Covered, Japanned Iron Binding, Hardwood Slats, Brass Plated Steel Corners and Clamps, Excelsior Lock, Covered Tray, Fancy Lining.

No. 1710—With Leather Straps.

Size, Inches	34	36	38	40
Weight Each About, Lbs.	38	42	43	47
Each	$10.00	10.70	11.35	12.00

No. 1710.



No. 1285.

Steamer Trunk.

Covered with Vulcanized Fibre, Angle Iron Over Slats, Vulcanized Fibre Binding and Center Band, Brass Plated Steel Corners and Clamps, Excelsior Lock, Open Tray with Web Straps, Removable Partition in Box, Cloth Lined.

No. 1285—With Leather Straps.

Size, Inches	36	38	40
Weight Each About, Lbs.	47	49	51
Each	$16.70	18.00	19.25

Steamer Trunk.

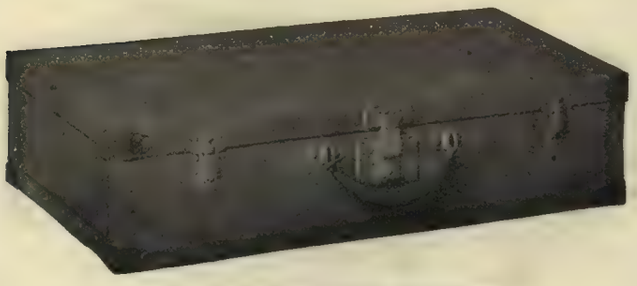
Three Ply Veneer Basswood Box, Canvas Covered, Japanned Hoop Steel Binding and Center Band, Brass Plated Steel Corners and Clamps, Deep Tray with Extra Shirt or Shirtwaist Tray, Hat and Shoe Box, Fully Covered, Cloth Lined.

No. 1763—With Leather Straps.

Size, Inches	36	38	40
Weight Each About, Lbs.	49	51	53
Each	$19.25	20.60	21.90

No. 1763.

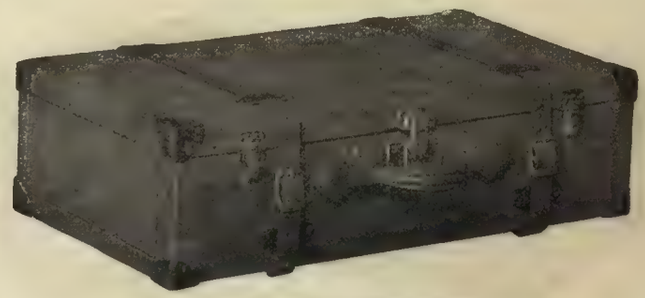
Suit Cases.



No. 2201—Rubber Cloth Suit Case.

Brown Color, Steel Frame, Leather Corners, Vienna Handle, Paper Lined.

Size, Inches	24	26
Weight Each About, Lbs.	4	4½
Each	$1.80	1.90



No. 2203—Rubber Cloth Suit Case.

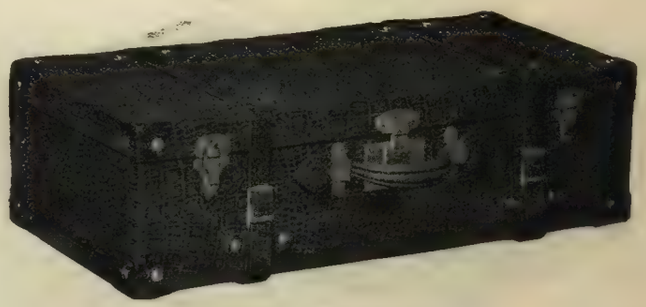
Brown Color, Seal Pebbled Leather Corners, Anchor Handle, Leather Straps All Around Case, Fancy Paper Lined.

Size, Inches	24	26
Weight Each About, Lbs.	5	5½
Each	$2.70	2.90

No. 2205—Rubber Cloth Suit Case.

Extra Large, Brown Color, Steel Frame, Brassed Trimmings, Japanned Steel Corners with Bell Rivets, Leather Handle, Leather Straps in Body, Paper Lined.

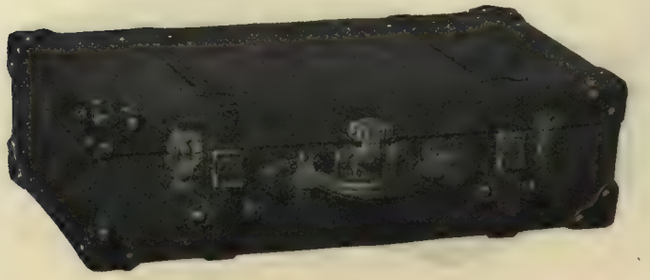
Size, Inches	24	26
Weight Each About, Lbs.	6	6
Each	$2.25	2.50



No. 2207—Rubber Cloth Suit Case.

Embossed Alligator and Tinted, Japanned Steel Corners, Anchor Handle, Fancy Paper Lining, Heavy Leather Straps Around Case and Web Straps in Body.

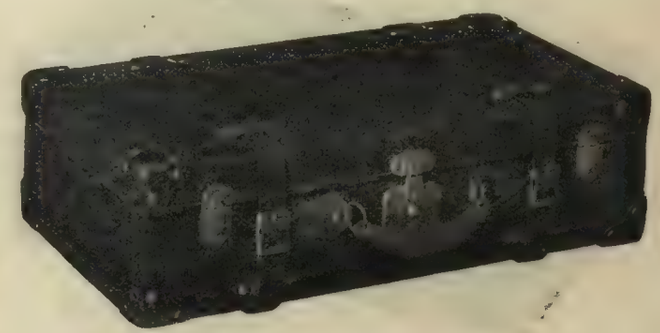
Size, Inches	24	26
Weight Each About, Lbs.	5½	6
Each	$3.25	3.35



No. 2219—Rubber Cloth Suit Case.

Extra Deep, Black Color, Scalloped Leather Corners with Bell Rivets, Leather Handle, Heavy Leather Straps, Fancy Cloth Lined, Shirt Fold.

Size, Inches	24	26
Weight Each About, Lbs.	7	7½
Each	$4.80	5.25



No. 2232—Keratol Suit Case.

Brown Color, Walrus Grained, Stitched Ring Leather Handle, Leather Corners, Heavy Leather Straps, Cloth Lined and Shirt Fold.

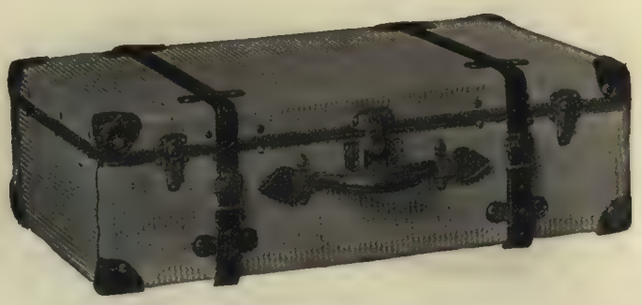
Size, Inches	24	26
Weight Each About, Lbs.	7	7½
Each	$5.60	5.80

Suit Cases.

No. 2260—Fibre Matting Suit Case.

Steel Frame in Top and Body, Good Handle, Japanned Steel Corners, Fancy Paper Lined.

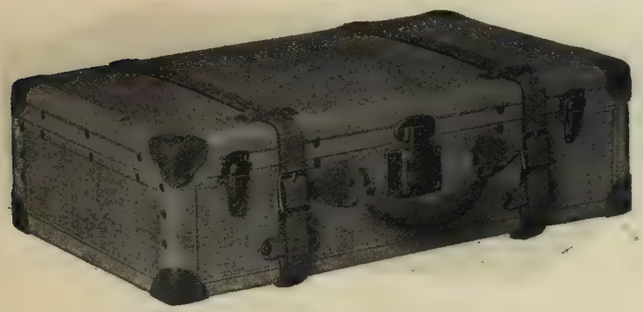
Size, Inches	24	26
Weight Each About, Lbs.	4½	5
Each	$2.00	2.15



No. 2263—Fibre Matting Suit Case.

Steel Frame in Top and Body, Good Handle, Pressed Leather Corners, Fancy Cloth Lining, Straps all Around, Web Straps in Body.

Size, Inches	24	26
Weight Each About, Lbs.	5½	6
Each	$3.70	4.00



No. 2256—Japanese Matting Suit Case.

Bound with Keratol, Large Leather Corners, Stitched Ring Handle, Fancy Cloth Lining, Ruffled Shirtfold, Heavy Leather Straps on Outside, Straps in Body.

Size, Inches	24	26
Weight Each About, Lbs.	6½	7
Each	$5.60	5.80

No. 2279—Fibre Matting Suit Case.

Extra Fine, Large Heavy Leather Corners, Stitched Ring Handle, Good Lock and Catches, Sateen Lined, Fancy Ruffled Shirtfold, Heavy Cowhide Straps all Around Case.

Size, Inches	24	26
Weight Each About, Lbs.	6½	7
Each	$4.80	5.25

No. 2255—Fibre Suit Case.

Extra Large, Reinforced Edges, Large Corners with Bell Rivets, Stitched Ring Handles, Cloth Lined and Shirtfold, Straps all Around.

Size, Inches	24	26
Weight Each About, Lbs.	7	7½
Each	$6.15	6.70

No. 2251—Brown Fibre Suit Case.

Japanned Steel Corners, Leather Handle, Fancy Lined, Heavy Leather Straps.

Size, Inches	24	26
Weight Each About, Lbs.	5½	6
Each	$3.35	3.70

Suit Cases.

No. 2252—Fibre Suit Case.

Brown Color, Solid Leather Corners, Stitched Leather Handles, Good Lock and Bolts, Cloth Lined, with Straps in Body, Good Cowhide Straps all Around Case.

Size, Inches	24	26
Weight Each About, Lbs.	5½	6
Each	$4.80	5.25

No. 2300—Sheepskin Leather Suit Case.

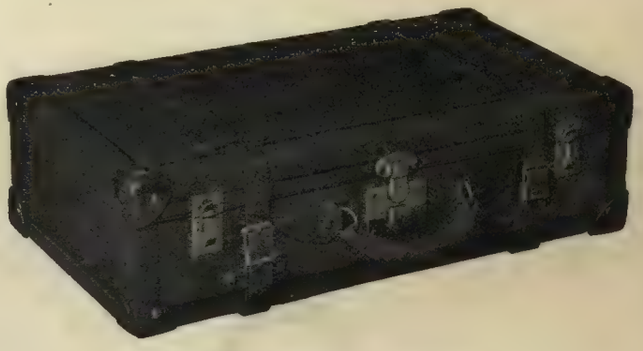
Brown Color, Heavy Leather Corners, Leather Handle, Inside Straps, Fancy Cloth Lined.

Size, Inches	24	26
Weight Each About, Lbs.	6	6½
Each	$6.70	7.25

No. 2314—Brown Leather Suit Case.

Brown Color, Heavy Sheepskin Leather, Heavy Leather Corners and Straps, Stitched Ring Handle, Cloth Lined, Shirtfold.

Size, Inches	24	26
Weight Each About, Lbs.	7½	8
Each	$8.50	9.15



No. 2402—Cowhide Suit Case.

Brown Color, Made of Selected Case Leather, Large Corners, Good Handle, Brass Trimmings, Heavy Straps, Cloth Lined, with Shirtfold.

Size, Inches	24	26
Weight Each About, Lbs.	8½	9
Each	$12.50	13.25

No. 2408—Cowhide Suit Case.

Brown Color, Heavy Leather Corners with Bell Rivets, Polished Brass Bolts and Lock, Heavy Leather Straps, Cloth Lined, with Shirtfold.

Size, Inches	24	26
Weight Each About, Lbs.	8	8½
Each	$16.65	18.00

No. 2425—Cowhide Suit Case.

Heavy, with Double Stitched Top, Solid Brass Lock and Catches, Heavy Leather Straps, Hand Stitched Ring Handle, Linen Lined, Shirtfold.

Size, Inches	24	26
Weight Each About, Lbs.	8½	9½
Each	$18.75	20.00

Bags.

No. 3211.

No. 3211—Ladies' Oxford Bag.

Black Three-Piece Oxford, Walrus Grained Rubber Cloth, Japanned Frame, with Spring Catches, Fancy Cloth Lined, Inside Pocket.

Size, Inches	16	18
Weight Each About, Lbs.	2½	3
Each	$2.25	2.50

No. 3122.

No. 3122—Ladies' Oxford Bag.

Made of Fibre Matting, Keratol Bound Edges, Japanned Frame, Fancy Cloth Lined, Inside Pocket.

Size, Inches	14	16	18
Weight Each About, Lbs.	2	2½	3
Each	$1.90	2.25	2.50

No. 3231.

No. 3231—Three-Piece Oxford Bag.

Made of Heavy Smooth Finish Sheep Case Leather, Leather Covered Frame, Leather Lined, with Inside Pocket. Made in **Black or Brown.**

Size, Inches	16	18
Weight Each About, Lbs.	3	3½
Each	$9.00	9.75

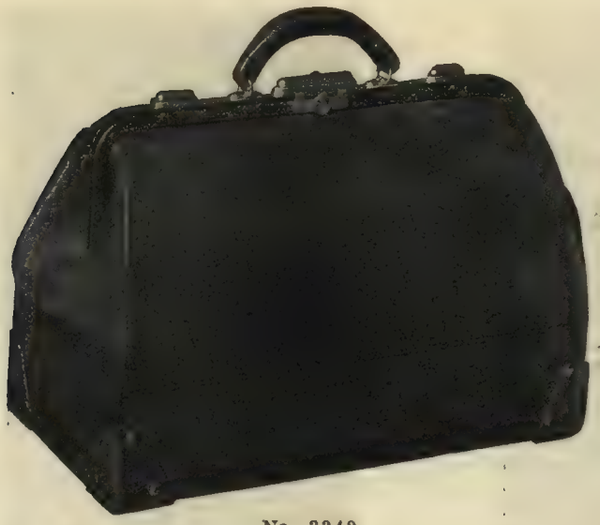
No. 3334.

No. 3334—Black Goatskin Oxford Bag.

Embossed Walrus Grain Leather Covered Frame, Stitched Corners, Leather Lined, with Inside Pocket.

Size, Inches	18	20
Weight Each About, Lbs.	4½	5½
Each	$10.50	11.00

Bags.

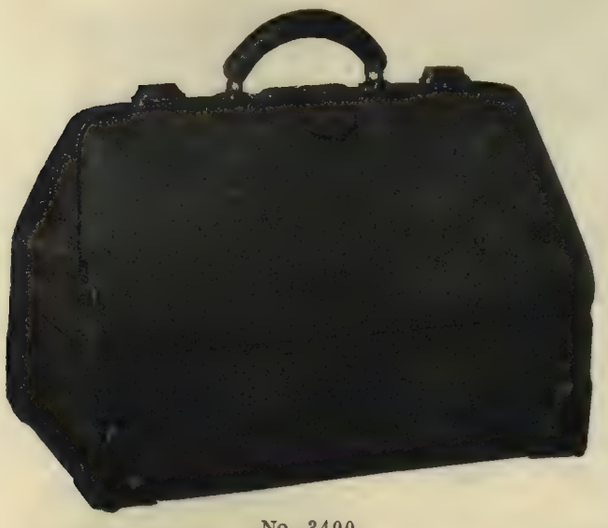


No. 3342.

No. 3492—Three-Piece Oxford Bag.

Black Color, Large, Made of Heavy Rhino Walrus Grained Leather, Hand Sewed Frame, with Claw Catches, Sewed Corners, Leather Lined, Three Inside Pockets.

Size, Inches	18	20
Weight Each About, Lbs.	7	8
Each	$18.75	20.00



No. 3400.

No. 3451—Three-Piece English Oxford Bag.

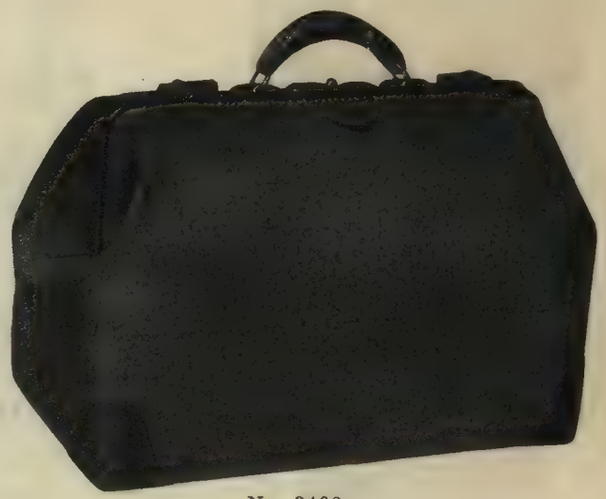
Extra Large, Made of the Finest 4 Oz. Smooth Finished Bag Leather, Hand Stitched Frame, Best Grade Lock and Claw Catches, Large Stitched Corners, Best Leather Lining, One Long Pocket and Two Small Folding Pockets.

Size, Inches	16	17	18	19	20
Weight Each About, Lbs.	5	5½	6	6½	7
Each	$20.75	23.00	24.50	25.00	26.25

No. 3342—Oxford Bag.

Large, Made of Smooth Finished Bridle Leather, Stitched Edges, Heavy Frame, Leather Covered, Leather Lined.

Size, Inches	16	17	18
Weight Each About, Lbs.	3	4½	5
Each	$11.00	11.85	12.50



No. 3492.

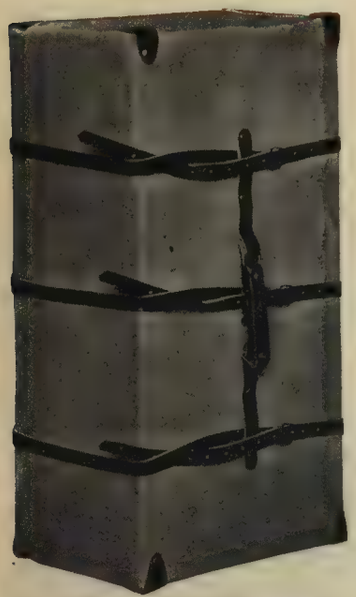
No. 3400—Cowhide Oxford Bag.

Large, Made of Heavy Smooth Cowhide, Hand Sewed Frame, Stitched Edges, Large Riveted Corners, Leather Lined, Inside Pocket. **Made in Brown or Black.**

Size, Inches	18	20
Weight Each About, Lbs.	6	6½
Each	$16.50	18.00

No. 3451.

Telescopes.



No. 2100—Canvas Telescope.
Leather Tips on Top and Bottom, Web Straps, Paper Lined.

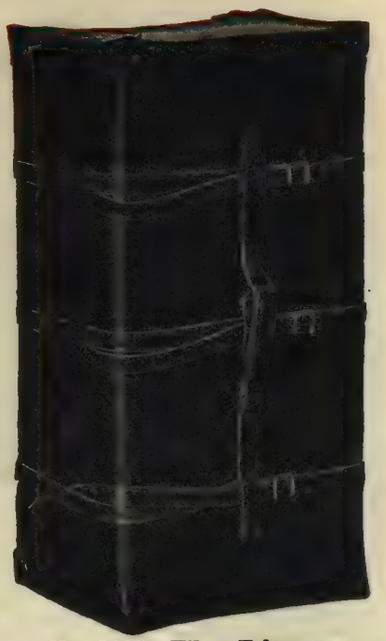
Size, Inches...	20	22	24
Per Dozen.....	$14.00	16.70	19.50
Size, Inches...		26	28
Per Dozen.....		$22.25	25.00

Aver. Weight Each About 3½ Pounds.

No. 2140—Canvas Coat Case.
Heavy Grain Leather Straps, Cloth Lined.

Size, Inches	20	22
Per Dozen	$16.70	19.50
Size, Inches	24	26
Per Dozen	$22.25	25.00

Aver. Weight Each About 2½ Pounds.



No. 2108—Fibre Telescope.
Large Corners, Good Handles, Grain Leather Straps.

Size, Inches...	20	22	24
Per Dozen.....	$28.00	30.60	33.35
Size, Inches...		26	28
Per Dozen.....		$36.15	38.90

Aver. Weight Each About 4 Pounds.

Juvenile Suit Cases.

No. 2800.

No. 2800—Juvenile Rubber Cloth Case.

Brown Color, Japanned Steel Corners, Brass Lock and Bolts, Paper Lined.

Size, Inches.....	14	16	18
Wt. Ea. Abt., Lbs.	3	3½	4
Per Dozen.....	$16.00	17.35	18.70

No. 2806—Juvenile Fibre Matting Case.

Steel Frame in Top and Bottom, Japanned Steel Corners, Brass Locks and Bolts, Paper Lined.

Size, Inches.....	14	16	18
Wt. Ea. Abt., Lbs.	3	3½	4
Per Dozen.....	$19.50	21.15	22.50

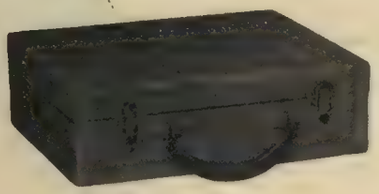
No. 2806.

Outing and School Bags.

Outing Bags.
Made of Fibre Matting, Rubber Cloth Bound, 12 in. Long, 8½ in. High, 6 in. Wide.

	Per Dozen
No. 1—Paper Lined	$10.70
No. 2—Rubber Lined	12.25

Weight Per Dozen About 21 Pounds.



Fibre School Bag.
Steel Hinges, Brass Plated Bolts.

	Per Dozen
No. 4—13½ in. Long, 11 in. High, 4¼ in. Wide.....	$8.00

Weight Per Dozen About 24 Pounds.
Open Stock.

Outing Bags.
Made of Fibre Matting, Rubber Cloth Bound, Fancy Cloth Lined.

	Per Dozen
No. 3—14 in. Long, 10 in. High, 7½ in. Wide.....	$16.15

Weight Per Dozen About 18 Pounds.

DEPARTMENT No. 12

FISHING TACKLE AND SPORTING GOODS

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 12

FISHING TACKLE

BASE BALL GOODS, TENTS, HAMMOCKS

CROQUET SETS, SEINES, LAWN
CHAIRS, OILED CLOTHING
BOATS, CAMP FURNITURE, NETS
LAWN SETTEES, LAWN SWINGS

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

EVERKEEN
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TRADE MARK

INDEX.

A

Page

Abdominal Supporters 2175
Air Chambers—Boat 2148
Air Cushions 2150
Anchors—Boat 2149
Angle Worms 2114
Ankle Bandages 2176
Ankle Supporters 2176
Apron Pants—Oiled 2134
Aquarium Nets 2141
Artificial Bass Flies 2118, 2119
Artificial Frogs 2113
Artificial Insects 2115
Artificial Trout Flies .....
2115, 2116, 2117, 2119
Assortments—
Bass Fly 2119
Bucktail 2109
Fishing Tackle 2125
Fish Line 2080
Insect 2115
Trolling Bait 2099
Wooden Minnow 2110
Athletic Coats 2173
Athletic Stockings 2173
Athletic Supporters 2175
Attachable Spoons 2097
Auxiliary Rod Handles..... 2062

B

Back Rests 2148
Bags—
Bat 2179
Fish 2142
Striking 2198, 2199
Uniform 2179
Bait Box Straps 2139
Bait Boxes 2137
Bait Rods .....2051 to 2061
Baits—
Bucktail 2109
Fish....2107, 2108, 2113, 2120
Muscallonge 2106, 2120
Trout and Bass..... 2114
Balances—Fish 2132
Ball Bats—
Base 2180
Indoor 2208
Balls—
Base 2177, 2178
Basket 2206, 2207
Foot 2201, 2202
Indoor Base 2208
Medicine 2208
Pennant Rubber 2179
Picnic 2179
Playground 2178
Recreation 2178
Rubber 2179
Rugby Foot 2201, 2202
Soccer Foot 2201
Volley 2208
Bandages—
Ankle 2176
Elbow 2176
Knee Cap 2176
Wrist 2176
Bands—Reel 2068
Base Ball Bats 2180
Base Ball Belts 2173
Base Ball Caps 2173
Base Ball Clothing .....2171 to 2173
Base Ball Coats 2173
Base Ball Goods .....2177 to 2195
Base Ball Guide 2174
Base Ball Shoes 2174
Base Ball Uniforms 2171, 2172
Base Balls 2177, 2178
Basemen's Mitts 2195

B

Bases— Page
Base Ball 2195
Indoor 2208
Basket Ball Bladders 2207
Basket Ball Goals 2207
Basket Ball Guides 2208
Basket Ball Pads 2204
Basket Ball Pants 2206
Basket Ball Score Books 2208
Basket Ball Shirts 2206
Basket Ball Shoes 2205
Basket Balls 2206, 2207
Basket Straps—Trout 2139
Baskets—
Fish 2139
Trout 2139
Bass Baits 2114
Bass Flies 2118, 2119
Bass Fly Assortment 2119
Bass Fly Spoons 2122
Bass Spinners 2108, 2120, 2122
Bass Spoons 2122
Bat Bags—Base Ball..... 2179
Bats—
Base Ball 2180
Indoor Base Ball..... 2208
Beds—Camp 2161
Bells—Dumb 2156
Belts—Base Ball 2173
Benches—Park 2159
Bladders—
Basket Ball 2207
Foot Ball 2202
Striking Bag 2200
Volley Ball 2208
Boat Anchors 2149
Boat Cushions 2150
Boat Equipment—Hunting 2148
Boat Oars 2149
Boat Seats 2150
Boats—
Duck 2148
Fishing 2148
Hunting 2148
Row 2148
Steel 2148
Body Protectors 2192, 2208
Body Rests 2064
Books—
Fly 2123
Score, Base Ball 2195
Score, Basket Ball 2208
Boots—
Hip 2135
Rubber 2135
Short 2135
Sporting 2135
Wading 2135
Bottles—Vacuum 2133
Bow Facing Oars..... 2149
Bowling Shoes 2205
Boxes—
Bait 2137
Fish 2148
Fly 2123
Leader 2123
Tackle 2136, 2137
Boxing Gloves 2196, 2197
Brakes—Thumb 2073
Buckets—
Frog 2137
Minnow 2137, 2138
Bucktail Baits 2109
Bucktail Specialties 2109
Butt Caps 2068
Butt Pads—Rod 2064

C

Camp Beds 2161
Camp Chairs 2161
Camp Cots 2161
Camp Stools 2161

C

Page

Camp Stoves 2154
Camp Tables 2161
Campers' Lamps 2155
Camping Knives and Forks..... 2131
Candlesticks—Miners' 2155
Canoe Cushions 2150
Canoe Knives 2131
Canoe Paddles 2149
Canoes 2149
Caps—
Base Ball 2173
Rod Butt 2068
Carafes—Vacuum 2133
Carrying Cases—Vacuum Bottle. 2133
Cases—
Reel 2064
Rod 2064
Vacuum Bottle Carrying.. 2133
Casting Guides 2067
Casting Rods .....2054 to 2061
Casting Spoons.2097, 2099, 2109, 2121
Casting Tips 2066
Casting Weights—Practice 2064
Catchers' Leg Guards 2194
Catchers' Masks 2193, 2194
Catchers' Mitts .....2181 to 2184
Cement—Ferrule 2132
Chains—
Hammock 2170
Porch Swing 2170
Chairs—
Camp 2161
Folding 2160
Lawn 2160
Porch 2158, 2160
Reclining 2160
Swivel 2148
Veranda 2160
Chamber—Air (Boat) 2148
Charms—Trout Fly Watch..... 2115
Checks—Winding 2068
Chest Expanders 2156
Children's Play Tents 2153
Children's Tepee Tents 2153
Clothing—
Base Ball .....2171 to 2173
Foot Ball 2204
Oiled 2134
Clubs—Indian 2156
Coats—
Athletic 2173
Oiled 2134
Coaxer Baits 2120
Combination Casting and Trolling
Rod 2055
Connecting Links 2128
Cords—Elastic Striking Bag.... 2199
Cork Floats 2126
Cots—
Camp 2161
Tent 2161
Couch Hammocks 2168, 2169
Cream—Fly 2132
Creek Seines 2146
Croquet Sets 2157
Cups—
Aluminum 2133
Drinking 2133
Nested 2133
Cushions—
Air 2150
Boat 2150
Canoe 2150

D

Decoy Minnows 2107
Devon Minnows 2108
Dip Nets 2141, 2142
Disgorgers 2128
Display Stand—Fishing Rod..... 2051

D

Page

Dolce 2191
Double Apron Pants 2134
Double Fish Hooks 2096
Double Frocks 2134
Double Jackets 2134
Double Long Coats 2134
Double String Pants 2134
Double Trolling Spoons 2098
Drinking Cups—Collapsing 2133
Dry Flies 2115
Duck Boats—Steel 2148
Dumb Bells 2156

E

Ear Protectors 2198
Elastic Cords—Striking Bag..... 2199
Elbow Bandages 2176
Elbow Pads 2204
Emergency Tops 2063
Equipment—Hunting Boat 2148
Everlasting Fish Hooks..... 2095
Exercisers—Racine Spring 2156
Expanders—Chest 2156
Extractors—Fish Hook 2128

F

Feathered Treble Fish Hooks.... 2096
Ferrule Cement 2132
Ferrules—Fish Rod 2067
Fielders' Gloves .....2187 to 2191
Fielders' Mitts 2187
Fighting Gloves 2198
Finger Hooks 2063
First Basemen's Mitts.....2185, 2186
Fish Bags 2142
Fish Baits....2107, 2108, 2113, 2120
Fish Balances 2132
Fish Baskets 2139
Fish Box 2148
Fish Holders 2131
Fish Hook Extractors 2128
Fish Hooks—
Double 2096
Everlasting 2095
Pork Rind 2095
Ringed .....2088 to 2094
Snelled .....2088 to 2094
Treble 2096
Weedless 2095, 2096
Fish Knives 2131
Fish Line Swivels 2128
Fish Lines .....2075 to 2087
Fish Nets 2141, 2142
Fish Phantom 2113
Fish Pole Caps 2068
Fish Scalers 2129
Fish Spear Handles 2130
Fish Spears 2130
Fish Stringers 2129
Fishermen's Knives 2131
Fishing Boats 2148
Fishing Lamps 2155
Fishing Poles 2051
Fishing Reels .....2069 to 2074
Fishing Rod Display Stand..... 2051
Fishing Rods .....2051 to 2062
Fishing Tackle Assortments..... 2125
Fishing Tackle Boxes 2136, 2137
Flies—
Bass 2118, 2119
Bucktail Spoon, Bass..... 2109
Dry 2115
Trout .....2115 to 2117
Floaters—
Globe 2113
Kent Champion 2113
Floats—
Cork Fish Line..... 2126
Minnow 2139
Wood Fish Line..... 2126
Fly Books 2123
Fly Boxes 2123
Fly Cream 2132
Fly Rods .....2053 to 2062

F

Page

Fly Spoons 2098
Folding Anchors 2149
Folding Chairs 2160
Folding Grids 2154
Foot Ball Bladders 2202
Foot Ball Clothing 2204
Foot Ball Goods .....2201 to 2205
Foot Ball Guides 2202
Foot Ball Pads 2204
Foot Ball Pants 2204
Foot Ball Shoes 2205
Foot Balls 2201, 2202
Forks—Camping Knives and.... 2131
Frames—
Hammock 2170
Landing Net 2140
Frog Buckets 2137
Frog Harness 2098
Frog Spears 2130
Frog Tandems 2097
Frogs—
Artificial 2113
Cork 2113
Rubber 2113
Funnel Nets 2143
Furnished Lines 2086, 2087
Furniture—Porch 2158

G

Gaff Hooks 2131
Gangs—
Bucktail 2109
Minnow 2108
Worm 2114
Gill Nets 2144
Gimp Leaders 2124
Globe Floaters 2113
Gloves—
Boxing 2196, 2197
Fielders' .....2187 to 2191
Fighting 2198
Striking Bag 2199
Goals—Basket Ball 2207
Grids—Folding 2154
Grips—
Massage 2156
Rod 2062
Grub Worms 2114
Guards—
Abdominal 2176
Catchers' Leg 2194
Shin 2204
Guides—
Base Ball 2195
Basket Ball 2208
Casting 2067
Foot Ball 2202
Indoor Base Ball..... 2208
Snake 2066
Tie 2066, 2067
Gut Leaders 2124
Gymnasium Shoes 2205

H

Hammock Chains 2170
Hammock Frames 2170
Hammock Hooks 2170
Hammock Ropes 2170
Hammock Supports 2170
Hammocks .....2164 to 2169
Handles—
Fish Rod 2062
Fish Spear 2130
Landing Net 2141
Rod, Fish 2062
Harness—
Frog 2098
Head 2203
Hats—
Miners' 2134
Sou'wester 2134
Sunshade 2132
Head Harness 2203
Head Helmets 2203

H

Page

Head Lamps 2155
Head Nets 2132
Heel Plates—Shoe 2194
Helmets—Head 2203
Hip Boots 2135
Holders—
Fish 2131
Rod 2064
Home Plates—
Base Ball 2195
Indoor Base Ball..... 2208
Hooks—
Double Fish 2096
Everlasting Fish 2095
Finger, Fish Rod..... 2063
Fish .....2088 to 2096
Gaff 2131
Hammock 2170
Pork Rind Fish..... 2095
Ringed Fish .....2088 to 2094
Snelled Fish .....2088 to 2094
Tandem 2098
Treble Fish 2096, 2109
Weedless Fish 2095
Weedless Tandem 2098
Hoop Nets 2143
Hunting Boat 2148

I

Indian Clubs 2156
Indicators—Umpire 2195
Indoor Base Ball Guide..... 2208
Indoor Base Balls 2208
Indoor Bases 2208
Indoor Bats 2208
Indoor Body Protector 2208
Indoor Home Plate 2208
Indoor Shoes 2205
Inflators 2199
Insects—Artificial 2115
Interchangeable Bass Flies..... 2119

J

Jackets—
Double 2134
Frock or Pea 2134
Oiled 2134
Japanese Bamboo Poles..... 2051
Joints—Fish Rod 2063
Juvenile Lawn Swings..... 2162

K

Knee Cap Bandages 2176
Knee Pads 2204
Knives—
Canoe 2131
Fish 2131
Fishermen's 2131
Knives and Forks—Camping.... 2131

L

Lace—Leather 2208
Lacing Needles 2208
Lamp Reflectors 2155
Lamp Repair Outfit 2155
Lamps—
Campers' 2155
Head 2155
Miners' 2155
Landing Net Frames 2140
Landing Net Handles 2141
Landing Nets 2141, 2142
Lawn Chairs 2160
Lawn Rockers 2160
Lawn Settees 2159
Lawn Swings 2162, 2163
Leader Boxes 2123
Leaders—
Gut 2124
Wire 2124
Leather Lace 2208
Leathers—Oar 2149

L

Page

Leg Guards—Catchers' 2194
Life Preserver Pillow..... 2148
Lights—Head 2155
Line Dressing 2074
Line Releaser 2074
Lines—
Fishing .....2075 to 2087
Furnished Fish 2086, 2087
Trot 2140
Links—Connecting 2128
Live Fish Nets 2142
Live Frog Harness 2098
Locks—
Oar 2150
Row 2150

M

Mackintosh Wading Boots 2135
Mackintosh Wading Pants 2135
Masks—
Catchers' 2193, 2194
Nose 2203
Umpires' 2193
Massage Grips 2156
Medicine Balls 2208
Miners' Candlesticks 2155
Miners' Hats 2134
Miners' Lamps 2155
Miners' Tents 2152
Minnow Buckets 2137, 2138
Minnow Floats 2139
Minnow Gangs 2108
Minnow Nets 2141, 2142
Minnow Seines 2142, 2145
Minnow Spoons 2109
Minnow Traps 2139
Minnows—
Decoy 2107
Devon 2108
Muscallonge...2106, 2110, 2111
Phantom 2107, 2108
Prepared 2139
Rubber 2107
Wooden .....2110 to 2112
Mitts—
Basemen's 2185, 2186
Catchers' .....2181 to 2185
Fielders' 2187
Mountings—Rod .....2065 to 2068
Mouth Pieces—Rubber 2203
Muscallonge Baits 2106, 2120
Muscallonge Lines 2080, 2082
Muscallonge Minnows.2106, 2110, 2111
Muscallonge Rods 2058, 2062
Muscallonge Spinners 2106
Muscallonge Trolling Reels..... 2073

N

Needles—Lacing 2208
Nested Cups—Aluminum 2133
Net Frames—Landing 2140
Net Rings 2140
Nets—
Aquarium 2141
Dip 2141, 2142
Funnel 2143
Gill 2144
Head 2132
Hoop 2143
Landing 2141, 2142
Live Fish 2142
Minnow Dip 2141, 2142
Round Dip 2142
Set 2144
Square Dip 2142
Trammel 2143
Netting—
Cotton 2147
Creek 2147
Lake 2147
Linen 2147
Minnow 2147
Seine 2147
Nose Masks 2203

O

Page

Oar Leathers 2149
Oak Locks 2150
Oars—Boat 2149
Oiled Clothing 2134
Outfits—Lamp Repair 2155

P

Paddles—Canoe 2149
Pads—
Basket Ball 2204
Elbow 2204
Foot Ball 2204
Knee 2204
Rod Butt 2064
Shoulder 2204
Pails—Minnow 2137, 2138
Pants—
Apron 2134
Basket Ball 2206
Foot Ball 2204
Mackintosh Wading 2135
Running 2174
String 2134
Park Benches 2159
Paulins—Canvas 2151
Pea Jackets 2134
Pearl Spinners 2122
Pennant Rubber Balls 2179
Phantom Minnows 2107, 2108
Phantoms—Fish 2113
Picnic Balls 2179
Pieces—Rubber Mouth 2203
Pillow—Life Preserver 2148
Pitchers' Box Plates..... 2195
Pitchers' Toe Plates 2194
Plates—
Box, Pitchers' 2195
Home, Base Ball..... 2195
Home, Indoor Base Ball.. 2208
Pitchers' Box 2195
Pitchers' Toe 2194
Shoe Heel 2194
Shoe Toe 2194
Toe, Pitchers' 2194
Platforms—Striking Bag 2200
Playground Balls 2178
Pocket Bait Casting Rod—Steel.. 2059
Pocket Fly or Bait Rod..... 2054
Poles—
Fishing 2051
Japanese Bamboo 2051
Porch Chairs 2158, 2160
Porch Furniture 2158
Porch Rockers 2158
Porch Settees 2158
Porch Swings 2158
Porch Swing Chains 2170
Pork Rind Fish Hook..... 2095
Practice Casting Weights..... 2064
Prepared Shiners 2139
Protectors—
Body 2192, 2208
Ear 2198
Publications—Reach 2195

Q

Quoits 2156

R

Racine Spring Exercisers..... 2156
Reach Publications 2195
Reclining Chairs 2160
Recreation Balls 2178
Reel Bands 2068
Reel Cases 2064
Reel Seats 2068
Reels—Fishing .....2069 to 2074
Reflectors—Lamp 2155
Releasers—Line 2074
Repair Outfits—Lamp 2155
Rests—
Back 2148
Body 2064

R

Page

Ringed Fish Hooks .....2088 to 2094
Ringed Sinkers 2127
Rings—
Fish Net 2140
Net 2140
Set Line Snaps and..... 2128
Split 2128
Rings and Snaps—Set Line..... 2128
Rockers—
Lawn 2160
Porch 2158
Rod Butt Pads 2064
Rod Cases 2064
Rod Ferrules—Fishing 2067
Rod Handles 2062
Rod Holders 2064
Rod Joints 2063
Rod Mountings .....2065 to 2068
Rod Shorteners 2063
Rod Tapers 2068
Rod Tips 2063, 2065, 2066
Rod Varnish 2132
Rods—Fishing .....2051 to 2062
Ropes—Hammock 2170
Row Boats 2148
Row Locks 2150
Rubber Balls 2179
Rubber Boots 2135
Rubber Minnows 2107
Rubber Mouth Pieces 2203
Rugby Foot Balls.....2201, 2202
Running Pants 2174
Running Shoes 2174

S

Scalers—Fish 2129
Scales—Fish 2132
Score Books—
Reach Base Ball..... 2195
Reach Basket Ball..... 2208
Scoring Tablets 2195
Seats—
Boat 2150
Reel 2068
Third 2160
Seine Twine 2140
Seines—
Creek 2145
Minnow 2142, 2145
Straight 2146
Tapered 2146
Set Line Snaps and Rings..... 2128
Set Nets 2144
Sets—Croquet 2157
Settees—
Lawn 2159
Porch 2158
Shiners—Prepared 2139
Shin Guards 2204
Shirts—Basket Ball 2206
Shoe Plates 2194
Shoes—
Base Ball 2174
Basket Ball 2205
Bowling 2205
Foot Ball 2205
Gymnasium 2205
Indoor 2205
Running 2174
Track 2174
Shorteners—Steel Rod 2063
Shots—Solid 2156
Shoulder Pads 2204
Silk—Winding 2132
Sinkers—Fish Line 2126, 2127
Slickers—Oiled 2134
Snaps and Rings—Set Line..... 2128
Snelled Fish Hooks.....2088 to 2094
Soccer Foot Balls..... 2201
Solid Shot 2156
Sou'westers 2134
Spear Handles—Fish 2130
Spears—
Fish 2130
Frog 2130

S

	Page
Specialties—Bucktail	2109
Spinners—	
Bass 2108, 2120,	2121
Muscallonge	2106
Pearl	2122
Tandem	2108
Trout 2120, 2122,	2123
Split Rings	2128
Split Shot Sinkers	2126
Spoons—	
Attachable	2097
Bass	2122
Casting.2097, 2099, 2109,	2121
Fly 2098,	2122
Minnow	2109
Muscallonge	2106
Trolling....2098, 2100 to	2106
Trout 2122,	2123
Sporting Boots	2135
Spring Exercisers—Racine	2156
Staging Twine	2140
Stand—Fishing Rod Display	2051
Steel Duck Boats	2148
Steel Fishing Rods ....2057 to	2062
Steel Rod Shorteners	2063
Steel Rod Trimmings	2059
Steel Row Boats	2148
Stockings—Athletic	2173
Stools—Camp	2161
Stoves—Camp	2154
Straps—	
Bait Box	2139
Trout Basket	2139
Striking Bag Bladders	2200
Striking Bag Gloves	2199
Striking Bag Platform	2200
Striking Bag Swivels	2199
Striking Bags 2198,	2199
Stringers—Fish	2129
String Pants—Oiled	2134
Stubs—Trolling	2063
Sturgeon Fish Lines	2075
Suits—Base Ball 2171,	2172
Sunshade Hats	2132
Supporters—	
Abdominal	2176
Ankle	2176
Athletic	2175
Hammock	2170
Wrist	2176
Suspensories	2175
Swings—	
Lawn 2162,	2163
Porch	2158
Swivel Chairs	2148
Swivels—	
Fish Line	2128
Striking Bag	2199

T

	Page
Tables—Camp	2161
Tablets—Scoring	2195
Tackle Assortments—Fishing	2125
Tackle Boxes 2136,	2137
Tandem Hooks	2098
Tandems—Frog	2097
Tapered Seines	2146
Tapers—Rod	2068
Telescopic Steel Rods 2059,	2060
Tent Cots	2161
Tents—	
Children's	2153
Miners'	2152
Tepee	2153
Umbrella	2153
Wall	2152
Wedge	2153
Tepee Tents	2153
Third Seats	2160
Thumb Brakes	2173
Tie Guides 2066,	2067
Tips—	
Adamant	2066
Agate 2065,	2066
Angle	2066
Casting	2066
Double Hole	2065
Emergency	2063
Fly	2065
Offset	2065
Ring	2065
Rod 2063, 2065,	2066
Three Ring 2065,	2066
Trolling	2063
Tube Rod	2065
Toe Plates—	
Pitchers'	2194
Shoe	2194
Tops—Emergency	2063
Trammel Nets	2143
Traps—Minnow	2139
Treble Fish Hooks 2096,	2109
Trimmings—Steel Rod	2059
Trolling Bait Assortments	2099
Trolling and Casting Rod—Combination	2055
Trolling Lines 2075,	2076
Trolling Sinkers	2126
Trolling Spoons...2098, 2100 to	2106
Trolling Stubs	2063
Trolling Tips	2063
Trot Lines	2140
Trout and Bass Baits 2114, 2120,	2122
Trout Basket Straps	2139

T

	Page
Trout Baskets	2139
Trout Flies 2115, 2116,	2117
Trout Fly Spinners	2122
Trout Spinners....2120, 2122,	2123
Trout Spoons	2122
Trunk Bait Rods 2054,	2058
Trunk Fly Rod 2054,	2058
Twine—	
Seine	2140
Staging	2140

U

Umbrella Tents	2153
Umpires' Body Protector	2192
Umpires' Indicators	2195
Umpires' Masks	2193
Uniform Bags	2179
Uniforms—Base Ball 2171,	2172

V

Vacuum Bottles	2133
Vacuum Carafes	2133
Valise Bait Rod	2054
Varnish—Rod	2132
Veranda Chairs	2160
Veranda Rockers	2160
Volley Balls	2208

W

Wading Boots	2135
Wading Pants	2135
Wall Tents	2152
Watch Fobs—Trout Fly	2115
Water Wings	2150
Wedge Tents	2153
Weedless Fish Hooks....2095,	2096
Weedless Tandem Hooks	2098
Weights—Practice Casting	2064
Winding Checks—Rod	2068
Winding Silk	2132
Wings—Water	2150
Wire Leaders	2124
Wooden Minnows ....2110 to	2112
Worms—	
Angle	2114
Grub	2114
Worm Gangs	2114
Wrist Bandages	2176
Wrist Supporters	2176

No. 100

Fishing Rod Display Stands.

MASCOT, For Displaying Fishing Rods.

Steel, Green Enameled Finish, Base Padded with Green Felt, Holds 24 Rods, Any Length Steel or Bamboo, with Inside Rack for Holding Short Rods.

Each

No. 100—Height 5 ft. 6 in., Diameter of Base 14 in.....**$11.15**

Weight Each About 20 Pounds.

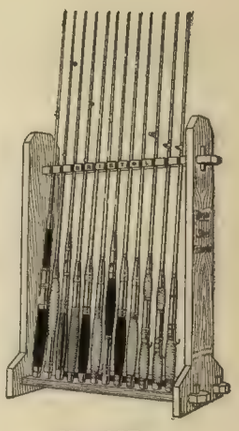
BRISTOL, For Displaying Bristol Fishing Rods.

Made of Tough Cypress, Mission Style, Handsomely Stained Holds 12 Rods.

No. 12B—Height 2 ft. 6 in., Width 2 ft., Depth 11 in.

Weight Each About 15 Pounds.

The Bristol Stand will be furnished free of charge **only** with an order for 12 or more Bristol Steel Rods, F. O. B. Factory.



No. 12B.

Fishing Poles.

JAPANESE BAMBOO

White, Extra Quality, Large Butt.

Nos.	12	14	16	18	20
Length, Feet	12	14	16	18	20
Ap. Weight Per 100, Lbs.	56	86	128	165	200
Per Hundred	**$5.25**	**7.00**	**10.00**	**13.35**	**16.70**

Nos. 12 and 14, One Hundred in a Bundle; Nos. 16 to 20, Fifty in a Bundle.

We are Direct Importers of Japanese Bamboo Poles and are in Position to Serve the Trade with Prime Goods.

Fishing Rods.

JOINTED

JAPANESE BAMBOO, BAIT

TWO PIECE, Double Ferrules, Rings and Wire Tip.

Per Dozen

No. 60—Plain, Length 7 to 9 ft., Approx. Weight Per Dozen 5¼ Lbs.....**$2.60**

No. 61—With Reel Bands and Butt Cap, Length 7 to 9 ft., Approx. Weight Per Dozen 5½ Lbs..... **3.90**

THREE PIECE, Double Ferrules, Rings and Wire Tips.

Per Dozen

No. 62—Plain, Length 12 to 14 ft., Approx. Weight Per Dozen 12 Lbs.....**$6.15**

No. 63—With Reel Bands and Butt Cap, Length 12 to 14 ft., Approx. Weight Per Dozen 14 Lbs.... **8.35**

FOUR PIECE, Double Ferrules, Rings and Wire Tip.

Per Dozen

No. 64—With Reel Band and Butt Cap, Length 15 to 17 ft., Approx. Weight Per Dozen 18 Lbs.....**$15.00**

CALCUTTA BAMBOO, BAIT

Double Ferrules, Ringed, Butt Cap and Reel Bands.

Per Dozen

No. 80—Three Piece, Length 12 to 14 ft., Approx. Weight Per Dozen 15 Lbs.....**$13.35**

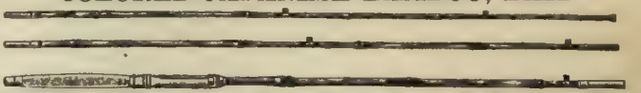
No. 82—Four Piece, Length 12 to 15 ft., Approx. Weight Per Dozen 18 Lbs..... **18.90**

MOTTLED, Double Ferrules, Standing Ring Guides, Butt Cap, Reel Bands, Cane Wound Handle.

Per Dozen

No. 83—Five Piece, with Extra Lancewood Tip Placed in Butt Joint, Length 17 to 20 ft., Approx. Weight Per Dozen 27 Lbs.....**$44.50**

COLORED JAPANESE BAMBOO, BAIT



THREE PIECE, Nickel Plated Mountings, Solid Metal Reel Seat, Tie Guides, Funnel Tip, Enameled Grasp.

Per Dozen

No. 72—Length 7, 8, 8½, 9, 9½ and 10 ft., Approx. Weight Per Dozen 7 Lbs.....**$12.80**

No. 74—Finely Mottled, Wound Between Knots, Lengths 8, 8½, 9, 9½ and 10 ft., Approx. Weight Per Dozen 9½ Lbs..... **15.60**

Each

Extra Tip Joints—For No. 74 Fishing Rod.....**$0.60**

NOTE—When ordering Tip Joints, State Length of Rod for which Same is Wanted.

Fishing Rods.

JOINTED

SPLIT BAMBOO, BAIT

No. 604.

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

No. 600—Three Piece, with Solid Metal Reel Seat Above Hand, Silk Wound Spiral Guides, One Ringed Tip, Wrapped Alternately with Red and Green Silk, Enameled Grasp, Lengths 7, 7½, 8, 8½, 9, 9½, 10 and 10½ ft., in Cloth Bag, Approx. Weight Per Dozen 10 Lbs. $13.90

No. 604—Three Piece, with Extra Tip, Otherwise Same Description as No. 600, in Wood Form and Cloth Bag, Approx. Weight Per Dozen 18 Lbs. 17.80

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

No. 608—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Silk Wound Spiral Guides, One Ringed Tip, Wrapped Alternately with Red and Green Silk, Cork Grasp, Lengths 7, 7½, 8, 8½, 9, 9½, 10 and 10½ ft., in Wood Form and Cloth Bag, Approx. Weight Per Dozen 18 Lbs. $17.80

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

No. 613—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Improved Welted Ferrules, Cluster Wrappings of Red and Black Silk, Silk Wound Standing Guides, Funnel Tip, Cork Grasp, Lengths 8, 8½, 9, 9½, 10 and 10½ ft., in Covered Wood Form and Cloth Bag, Approx. Weight Per Dozen 18 Lbs. $34.50

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 615—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Improved Ferrules, Cluster Wrappings of Red and Green Silk, Silk Wound Tie Guides, Funnel Tip, Cork Grasp, Lengths 8, 8½, 9, 9½, 10 and 10½ ft., in Covered Wood Form and Cloth Bag, Approx. Weight Each 1½ Lbs. $3.65

No. 615½—Same Description as No. 615, Length 12 ft. 5.60

SPLIT BAMBOO, BAIT

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 320—Three Piece, with Extra Tip, Solid Reel Seat Above Hand, Special Cluster Wrappings of Black and Yellow Silk, Silk Wound Gem Guides, White Celluloid Grasp, Lengths 8, 8½, 9, 9½, 10 and 10½ ft., in Covered Wood Form and Cloth Bag, Approx. Weight Each 1½ Lbs. $4.20

Six Strip Split and Glued Bamboo, Nickel Plated Mountings

Each

No. 616—Three Piece, with Extra Tip, Solid Reel Seat Above Hand, Welted Ferrules, Inlaid Swell Cedar Butt Above Reel Seat, Special Silk Windings Throughout in Clusters of Red, Black and Yellow, Silk Wound Standing Guides, Funnel Tip, Cork Grasp, Lengths 8, 8½, 9, 9½, 10 and 10½ ft., in Covered Wood Form and Cloth Bag, Approx. Weight Each 1¼ Lbs. $4.75

Special Selected Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 660—Three Piece, with Extra Tip, Solid Reel Seat Above Hand, Extra Heavy Improved Welted Ferrules, Inlaid Swell Cedar Butt Above Reel Seat, Closely Hand Wound Alternately in Clusters of Yellow and Blue Silk, Silk Wound Raised Narrow Agate Guide on First Joint, Balance Trumpet Guides and Basket Agate Tip, Cork Grasp, Lengths 8½ and 9½ ft., in Cloth Bag, Approx. Weight Each 1½ Lbs. $11.15

LANCEWOOD, BAIT

Lancewood Throughout, Nickel Plated Mountings.

Each

No. 31—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Silk Wound Standing Guides, with Cluster Windings of Red and Black Silk, Black Enameled Grasp, Lengths 8, 8½, 9, 9½ and 10 ft., in Wood Form and Cloth Bag, Approx. Weight Each 1¼ Lbs. $2.80

GENUINE CUBAN LANCEWOOD, BAIT

No. 34.

With Nickel Plated Mountings.

Each

No. 34—Three Piece, with Extra Tip, Solid Metal Reel Seat Above Hand, Improved Welted Ferrules, Silk Wound Tie Guides, Close Windings of Green Silk, Cork Grasp, Lengths 8, 8½, 9, 9½ and 10 ft., in Cloth Bag, Approx. Weight Each 1½ Lbs. $3.10

Fishing Rods.

SPLIT BAMBOO, FLY

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

No. 700—Three Piece, with Extra Tip, Solid Reel Seat Below Hand, Ringed Tip, Wrapped Alternately 3 in. Apart with Brown and Green Silk, Silk Wound Snake Guides, Cork Grasp, Lengths 8½, 9, 9½ and 10 ft., in. Wood Form and Cloth Bag, Approx. Weight Per Dozen 12 Lbs. $18.90

Each

Extra Tip Joints—For No. 700 Fishing Rod $0.60

No. 703.

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 702 —Three Piece, with Extra Tip, Solid Reel Seat Below Hand, Improved Welted Ferrules, Wrapped Alternately 2 in. Apart with Red and Black Silk, Silk Wound **Snake** Guides, Cork Grasp, Lengths 8½, 9, 9½ and 10 ft., in Covered Wood Form and Cloth Bag, Approx. Weight Each 1⅛ Lbs. $2.25

No. 702½—Same Description as No. 702, Length 12 ft. 3.90

No. 703 —Same Description as No. 702, Wrapped Alternately 1 in. Apart with Red and Purple Silk, Lengths 8½, 9, 9½ and 10 ft., Approx. Weight Each 1 Lb. 3.35

Extra Tip Joints—For No. 702 Fishing Rod ..... .70

Extra Tip Joints—For No. 703 Fishing Rod 1.00

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 704—Three Piece, with Extra Tip, Solid Reel Seat Below Hand, Improved Welted Ferrules, Inlaid Cedar Butt Below Seat, Ringed Tip, Special Cluster Windings Throughout in Clusters of Red, Black and Yellow Silk, Silk Wound **Snake** Guides, Cork Grasp, Lengths 8½, 9, 9½ and 10 ft., in Covered Wood Form and Cloth Bag, Approx. Weight Each 1⅛ Lbs. $4.50

Extra Tip Joints—For No. 704 Fishing Rod 1.50

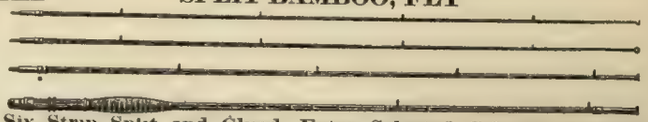
Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 706—Three Piece, with Extra Tip, Nickel Plated Reel Seat with Patent Locking Reel Band Below Hand, Improved Welted Ferrules, Ring Tip, Wound Alternately 1¼ in. and 1 in. with Purple and Red Silk, **Snake** Guides, Solid Cork Grasp, Lengths 8½, 9, 9½ and 10 ft., in Covered Wood Form and Cloth Bag, Approx. Weight Each 1⅛ Lbs. $6.15

Extra Tip Joints—For No. 706 Fishing Rod 2.00

JOINTED SPLIT BAMBOO, FLY



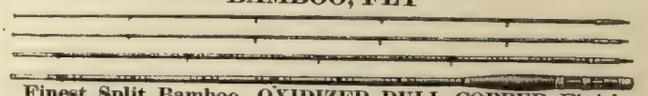
Six Strip Split and Glued, Extra Selected Calcutta Bamboo, German Silver Mountings.

Each

No. 710—Three Piece, with Extra Tip, Solid Reel Seat Below Hand, Improved Welted Ferrules, Very Closely Wound with Black and Red Silk, **Snake** Guides, Swelled Cork Grasp, Finely Finished Throughout, Lengths 8½, 9, 9½ and 10 ft., **Weight Each 6 to 7 Oz.,** in Flannel Covered Wood Form and Cloth Bag, Ap. Shipping Weight Each 1⅛ Lbs. $10.00

Extra Tip Joints—For No. 710 Fishing Rod 2.50

"EXPERT," SPECIAL LIGHT WEIGHT, SPLIT BAMBOO, FLY



Finest Split Bamboo, OXIDIZED DULL COPPER Finish Mountings.

Each

No. 715—Three Piece, with Extra Tip, Reel Bands on Red Cedar Reel Seat, Very Close Hand Wound with Scarlet Silk, **Snake** Guides and Bent Tips, Swelled Butt, Cork Grasp, Finely Varnished, Length 9 ft., **Weight 4½ Oz.,** in Flannel Covered Wood Form and Cloth Bag, Approx. Shipping Weight 1 Lb. $11.15

This Rod is constructed so as to get all strength possible into a light rod.

Finest Calcutta Split Bamboo, OXIDIZED DULL COPPER Finish Mountings.

Each

No. 717—Three Piece, with Extra Tip, Reel Bands on Red Cedar Skeleton Reel Seat, Close Hand Wound with Scarlet Silk, **Snake** Guides and Bent Tips, Solid Cork Grasp, Finely Varnished, Length 8½ ft., **Weight 3¼ Oz.,** in Velvet Covered Wood Form and Cloth Bag, Approx. Shipping Weight Each ⅞ Lb. $18.50

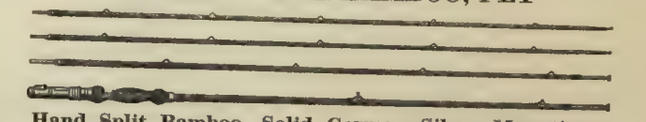
This Rod is **Extra Light Weight** and made only by skilled workmen.

Each

Extra Tip Joints—For No. 715 Fishing Rod $2.50

Extra Tip Joints—For No. 717 Fishing Rod 3.35

"HEDDON" SPLIT BAMBOO, FLY



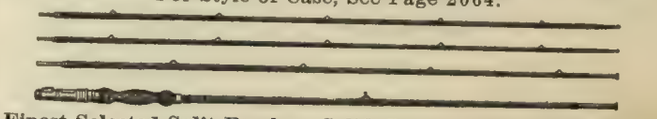
Hand Split Bamboo, Solid German Silver Mountings.

Each

No. 110—Three Piece, with Extra Tip, Waterproofed Reel Seat, Handsomely Wound in Red and Purple Silk, Hand Made Welted Serrated Waterproof Ferrules, Best English Bronze **Snake** Guides, File Proof Steel Ring Top, Solid Cork Grip of Heddon Design, Lengths 8½, 9 and 9½ ft., Weight of 9 ft. Rod 5½ Oz., Approx. Shipping Weight 2¼ Lbs. $14.80

One in a Partitioned Cloth Bag in Stiff Round Leatherette Case.

For Style of Case, See Page 2064.



Finest Selected Split Bamboo, Solid German Silver Mountings.

Each

No. 120—Three Piece, with Extra Tip, Handsome Hand Made Reel Seat, Handsomely Wound in Red and Jasper or Mottled Silks, Welted Serrated Waterproofed Ferrules, Waterproofed Reel Seat, Best English Bronze **Snake** Guides, First Guide Agate Fileproof Steel Ring Top, Best Selected Solid Cork Grip of Heddon Design, Guaranteed Highest Quality Throughout, Lengths 8½, 9 and 9½ ft., Weight of 9 ft. Rod 5½ Oz., Approx. Shipping Weight 1½ Lbs. $29.70

One in a Partitioned Velvet Bag in Stiff Round Waterproof Leatherette Case. For Style of Case, See Page 2064.

NOTE—When ordering Tip Joints, State Length of Rod for which same is Wanted.

Fishing Rods.

JOINTED

MOTTLED JAPANESE BAMBOO, TRUNK BAIT

Mottled Japanese Bamboo, Nickel Plated Mountings.

Each

No. 75—Four Piece, Length of Joints 22 in., Solid Metal Reel Seat Above Hand, Silk Wound Tie Guides, Funnel Tip, Enameled Grasp, Length 8 ft., in. Cloth Bag, Approx. Weight Each ½ Lb....**$1.50**

SPLIT BAMBOO, TRUNK BAIT

No. 614.

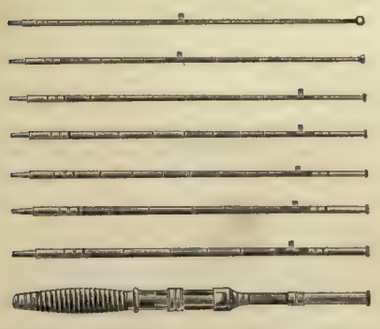
Split Bamboo, Nickel Plated Mountings.

Each

No. 612—Four Piece, Length of Joints 23 in., Solid Reel Seat Above Hand, Improved Ferrules, Silk Wound Tie Guides, Close Wrappings of Red and Black Silk, Mottled Wood Grasp, Length 7 ft., in Partitioned Cloth Bag, Approx. Weight Each ¾ Lb.....**$1.60**

No. 614—Five Piece, Length of Joints 28 in. Solid Reel Seat, Silk Wound Spiral Guides, Cork Grasp, A Combination Rod, Making a Three Joint Heavy Rod, Length 7 ft. and a Four Joint Regular Weight Bass Rod, Length 9½ ft., in Wood Form and Cloth Bag, Approx. Weight Each 1 Lb..... **2.60**

LANCEWOOD, VALISE BAIT

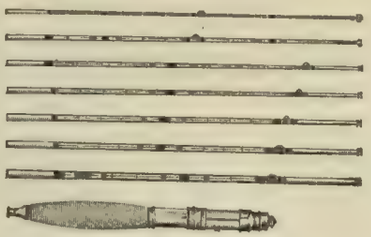


Fine Selected Cuban Lancewood, Nickel Plated Mountings.

Each

No. 38—Seven Piece and Extra Stout Tip, Length of Joints 17 in., Solid Reel Seat Above Hand, Silk Wound Tie Guides, Wrapped with Red and Green Silk, Improved Welted Ferrules, Cane Wound Grasp, Finely Finished, Length 8¾ ft., Length when Using Stout Tip 7¼ ft., **Weight Each About 10 Oz.,** in. Partition Cloth Bag...**$5.00**

SPLIT BAMBOO, POCKET FLY OR BAIT

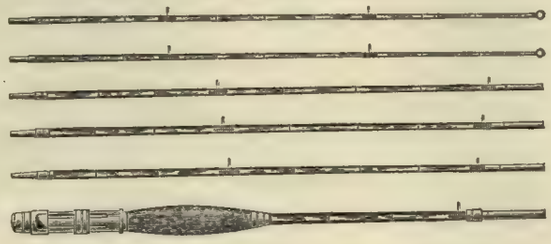


Split Bamboo, Full Nickel Plated Mountings.

Each

No. 4½P—Six Pieces and Extra Stout Tip, Length of Joints 12½ in., Solid Metal Reel Seat, Improved Welted Ferrules, Silk Wound Clusters with Green and Scarlet Silk, Detachable Reversible Cork Grasp, Finely Varnished, Length About 6½ ft., in Partitioned Cloth Bag, Approx. Weight Each 8 Oz....**$6.70**

SPLIT BAMBOO, TRUNK FLY



Split Bamboo, Nickel Plated Mountings.

Each

No. 705—Five Piece and Extra Tip, Length of Joints 24 in., Solid Reel Seat Below Hand, Silk Wound Rings and Keepers, Close Wrappings, with Two Colors of Silk, Welted Ferrules, Cork Grasp, Finely Varnished, Length 10 ft., **Weight Each About 8 Oz.,** in Partition Cloth Bag **$6.70**

JAPANESE BAMBOO, CASTING

Japanese Bamboo, Nickel Plated Mountings.

Per Dozen

No. 78—One Piece and Detachable Handle, Solid Reel Seat Above Hand, Improved Ferrule, Large Wire Guides, with Offset Wire Tip, Silk Wound Between Knots, Black Enameled Grasp. Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Per Dozen 6 Lbs.....**$16.70**

No. 078—Two Piece and Detachable Handle, Same Lengths and Description as No. 78..... **18.90**

MOTTLED JAPANESE BAMBOO, CASTING

Fancy Mottled Japanese Bamboo, Full Nickel Plated Mountings.

Per Dozen

No. 79—One Piece and Detachable Handle, Solid Reel Seat Above Hand, Improved Ferrule, Large Wire Guides, Offset Wire Tip, Silk Wound Between Knots, Black Enameled Grasp, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Per Dozen 6 Lbs.....**$20.00**

No. 079—Two Piece and Detachable Handle, Same Lengths and Description as No. 79..... **23.35**

Fishing Rods.

JOINTED

MOTTLED JAPANESE BAMBOO, CASTING

Fancy Mottled Japanese Bamboo, Full Nickel Plated Mountings.

Each

No. 77—One Piece and Detachable Butt, Butt is Wound with Mottled Cord, Large Button at End, Solid Metal Reel Seat Above Hand, Improved Ferrule, Trumpet Guides, Double Hole Tip, Silk Wound Between Knots, 16 in. Independent Cord Wound Grasp, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Each ⅝ Lb. **$3.35**

No. 077—Two Piece and Detachable Butt, Same Lengths and Description as No. 77..... **3.70**

SPLIT BAMBOO, CASTING

Six Strip Selected Split and Glued Calcutta Bamboo, Full Nickel Plated Mountings.

Each

No. H10—One Piece and Detachable Double Cord Wound Handle, Solid Reel Seat, Long Finger Hook, Large Wire Casting Guides, Large German Silver Casting Tip, Closely Wound with Two Colors of Silk, Lengths 4½ and 5 ft., in Canvas Bag, Approx. Weight Each ⅝ Lb.....**$6.70**

SPLIT BAMBOO, COMBINATION CASTING AND TROLLING

Heavy Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 409—One Piece and Detachable Handle, with Japanned Button End, Solid Reel Seat Between Grips, Wound with White Silk ½ and ¼ in. Wide, 1¼ in. Between Windings, Silk Wound Large Trumpet Guides, Large Agate Tip, Double Cord Wound Grasp, with Finger Hook, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Each ⅝ Lb.....**$8.35**

Extra Handles—For No. 409 Fishing Rod..... **2.25**

Heavy Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 408—Two Piece, Solid Reel Seat Above Hand, Wound with White Silk ⅝ and ⅜ in. Wide, 1¼ in. Between Windings on First Joint, 1 in. Between Windings on Tip Joint, Heavy Improved Welted Ferrule, Silk Wound Extra Large Trumpet Guides, Extra Large Agate Tip, Cord Wound Grasp, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Each ⅝ Lb.....**$8.35**

COLORED JAPANESE BAMBOO, CASTING

Colored Japanese Bamboo, Nickel Plated Mountings.

Per Dozen

No. 70—Two Piece, Solid Metal Reel Seat, Silk Wound Tie Guides, Enameled Grasp, Lengths 4½, 5 and 5½ ft., in Cloth Bag, Approx. Weight Per Dozen 5 Lbs.....**$12.25**

No. 73—Mottled, Lengths 5 and 5½ ft., Otherwise Same as No. 70, in Cloth Bag..... **14.50**

JAPANESE BAMBOO, CASTING

Japanese Bamboo, Nickel Plated Mountings.

Per Dozen

No. 65—Two Piece, Solid Reel Seat Above Hand, Large Wire Guides, Improved Welted Ferrule, Large Casting Tip, Cord Wound Grasp, Finger Hook, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Per Dozen 5 Lbs.....**$18.90**

No. 76—Two Piece, Mottled, Same Lengths and Description as No. 65..... **21.15**

SPLIT BAMBOO, CASTING

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

No. 519—Two Piece, Solid Reel Seat Above Hand, Silk Wound Spiral Guides, Wrapped Alternately with Red and Green Silk, Black Enameled Grasp, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Per Dozen 6 Lbs.....**$14.50**

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Per Dozen

No. 619—Two Piece, with Extra Tip, Solid Reel Seat Above Hand, Silk Wound Spiral Guides, Wrapped Alternately with Red and Green Silk, Cork Grasp, Lengths 4½, 5 and 5½ ft., in Partitioned Cloth Bag, Approx. Weight Per Dozen 6 Lbs.....**$18.90**

Selected Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 617—Two Piece, with Extra Tip, Wound with Silk, One Color, Solid Reel Seat Above Hand, Large Silk Wound Wire Guides, Improved Welted Ferrules, Large Wire Casting Tip, Cork Grasp, Finger Hook, Lengths 4½ and 5 ft., in Partion Cloth Bag, Approx. Weight Each ½ Lb.....**$3.15**

Six Strip Selected Calcutta Bamboo, Full Nickel Plated Mountings.

Each

No. H22—Two Piece, with Extra Tip, Solid Reel Seat, Long Finger Hook, Improved Welted Ferrules, Large Kalamazoo Wire Casting Guides, Large German Silver Casting Tip, Closely Wound with Two Colors of Silk, Double Mottled Cord Wound Handle, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ⅝ Lb.....**$6.70**

Fishing Rods.

JOINTED

SPLIT BAMBOO, CASTING

Special Selected Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 517—Two Piece, with Extra Tip, Very Close Hand Wound with Red Silk, Solid Reel Seat Above Hand, Large Wire Raised Agate Guide on Butt Joint, Trumpet Guides on Tip Joints, Heavy Improved Welted Ferrules, Basket Agate Tip, Cork Grasp with Finger Hook, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ½ Lb. **$7.80**

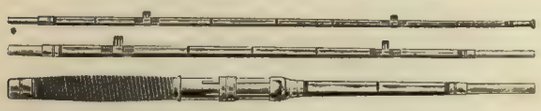
SPLIT BAMBOO, CASTING

Selected Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 620—Three Piece, with Extra Tip, Wound with Black and Red Silk, Solid Reel Seat Above Hand, Large Wire Silk Wound Casting Guides, Nickel Plated Improved Welted Ferrules, Wire Casting Tip, Cork Grasp, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ½ Lb. **$2.80**

SPLIT BAMBOO, CASTING



Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 621—Three Piece, Solid Reel Seat Above Hand, Silk Wound Spiral Wire Guides, Wrapped Alternately with Red and Green Silk, Black Enameled Grasp, Lengths 4½ and 5 ft., in Cloth Bag, Approx. Weight Each ⅜ Lb. ... **$2.50**

SPLIT BAMBOO, COMBINATION BAIT, FLY AND CASTING

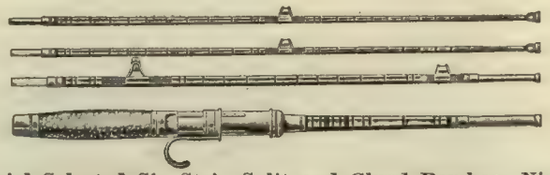
Fine Selected Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 0—Four Piece, with Extra Stout Tip and Detachable Handle and Inserted Shortener, Solid Metal Reel Seat, Closely Wrapped with Red and Yellow Silk, Silk Wound German Silver Snake Guides, Offset Tip, Improved Welted Ferrules, Reversible Cork Grasp, Finely Finished, Joints 28 in. Long, in Partition Canvas Bag, Approx. Weight Each ¾ Lbs. **$10.00**

One can make six different rods of this rod, can place reel seat above or below the handle, making a Three Piece Rod 7½ ft. long; a Four Piece Rod 10 ft. long, and with the aid of the Inserted Shortener a Two Piece 5½ ft. Casting Rod.

SPLIT BAMBOO, CASTING



Special Selected Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 410—Three Piece, with Extra Tip, Very Close Hand Wound Alternately with Red and Black Silk, Solid Reel Seat Above Hand, One Large Wire Raised Agate and One Trumpet Guide on Second Joint, Trumpet Guide and Agate Basket Tip on Tip Joints, Extra Heavy Improved Welted Ferrules, Cork Grasp with Finger Hook, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ½ Lb. **$10.00**

Highest Grade Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. 412—Three Piece, with Extra Tip, Closely Hand Wound, ⅞ in. Apart, with Green Silk, Solid Reel Seat Above Hand, One Large Wire Raised Agate and One Trumpet Guide on Second Joint, Trumpet Guide and Agate Basket Tip on Tip Joints, Extra Heavy Improved Welted Ferrules, Cork Grasp, with Finger Hook, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ½ Lb. **$11.15**

CUBAN LANCEWOOD, CASTING

Cuban Lancewood, Full Nickel Plated Mountings.

Each

No. 37—Two Piece, with Extra Tip, Solid Metal Reel Seat, Improved Welted Ferrules, Large Wire Guides, Large Casting Tip, Closely Wound with Two Colors of Silk, Double Grasp, Wound with Mottled Cord, Finger Hook, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ½ Lb. **$3.35**

SPLIT BAMBOO, COMBINATION BAIT AND CASTING

Six Strip Split and Glued Bamboo, Nickel Plated Mountings.

Each

No. LS1—Three Piece, with Extra Stout Tip, Solid Metal Reel Seat Above Hand, Black and Red Cluster Windings 2¼ in. Apart, Two Wire Spiral Guides on Butt Joint, Balance German Silver Snake Guides, Wire Casting Tip, Improved Welted Ferrules, Cork Grasp, Finely Finished, Joints 35 in. Long, in Partition Cloth Bag, Approx. Weight Each ¾ Lb. ... **$3.90**

This Rod can be adjusted to a 5 ft. Casting Rod or an 8½ ft. Bait Rod.

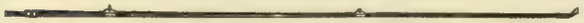
Fishing Rods.

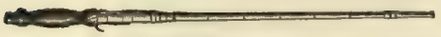
DOWAGIAC SPLIT BAMBOO CASTING

Split Bamboo.

Each

No. 75H—One Piece, Wood Reel Seat, Two Fileproof One Piece Wire Guides, Offset Wire Tip, Reel Hood and Band, Both Made of Nickeled Brass Wire and Constructed so as to be Adjustable to Any Standard Reel Plate, Double Wood Grasp, Length 3 ft. 10 in., in Paper Bag, Approx. Weight Each ½ Lb. **$1.15**

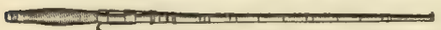




Six Strip Split and Glued Bamboo.

Each

No. 1½—Two Piece, One Long Tip Joint with Short Split Bamboo Butt Joint, Wound with Red and Black Silk, Nickel Plated Reel Seat, with Finger Hook, Improved Welted German Silver Ferrule, Improved Wire Fileproof Casting Guides, One Ring Set-Off Fileproof Tip, Nub Shape Swelled Polished Maple Grasp, Lengths 4½ and 5 ft., in Partitioned Cloth Bag, Approx. Weight Each ½ Lb. **$2.25**



Good Quality Six Strip Split and Glued Bamboo.

Each

No. 2½—Two Piece, with Extra Tip, Long Tip Joints, Short Butt Joint, Wound with Red and Green Silk, 1¼ in. Apart, Nickel Plated Reel Seat, with Finger Hook, Improved Welted German Silver Ferrule, Improved Wire Fileproof Casting Guides, One Ring Set-Off Fileproof Tips, Veneered Cork Grasp, Lengths 4½ and 5 ft., in Partitioned Cloth Bag, Approx. Weight Each ¾ Lb. **$3.75**

Fine Quality Six Strip Split and Glued Bamboo.

Each

No. 4—Two Piece, with Extra Tip, Long Tip Joints, Short Butt Joint, Wound with Red and Black Silk, 1¼ in. Apart, Heavy Nickel Plated Patented Locking Reel Band on Reel Seat, with Finger Hook, Improved Welted Ferrule, Improved Imitation Agate First Casting Guides, All Wire Fileproof Casting Guides in Center of Tips, Set-Off Agate Tips, Veneered Cork Grasp, Lengths 4½ and 5 ft., in Partition Cloth Bag, Approx. Weight Each ¾ Lb. **$6.00**

JIM HEDDON'S FAVORITE, Selected Split and Glued Bamboo.

Each

No. 6—Two Piece, with Extra Tip, Long Tip Joint, Short Butt Joint, Wound with Red and Lemon Silk, 1 in. Apart, Extra Heavy German Silver Reel Seat with Patented Locking Reel Band, Improved German Silver Welted Ferrule, One Tip Joint Fitted with Genuine Agate First Guide and Agate Tip, the Other Tip Joint with Fileproof Metal Guides and Genuine Agate Tip, Special Design Solid Satin Cork Double Grasp, Lengths 4½ and 5 ft., in Partitioned Khaki Cloth Bag, Approx. Weight Each ⅝ Lb. **$8.90**

DOWAGIAC SPLIT BAMBOO CASTING

Selected Six Strip Split and Glued Bamboo.

Each

No. 10—Two Piece, with Extra Tip, Long Tip Joints, Short Swelled Butt Joint, Wound with Red and Purple Silk, ⅞ **in. Apart,** Covered with Four Coats Finest Elastic Waterproof Varnish, German Silver Reel Seat, with Hood at Rear and Patented Locking Reel Band, Extra Heavy German Silver Improved Welted Ferrule, Both Tip Joints Fitted with Genuine Agate Tips and Agate First Guides, Middle Guides Fileproof Metal, Swelled Forward and Nub Pattern Swelled Cork Grasps, Lengths 4½ and 5 ft., in Partitioned Canvas Bag in Stiff Round Waterproof Leatherette Case, (See Page 2064), Approx. Weight Each 1½ Lbs. **$15.00**

Extra Fine Selected Bamboo.

Each

No. 15—Same Description as No. 10, Wound with Red, Green and Purple Silk, ½ **in. Apart,** and Fitted Throughout with Genuine Agate Casting Guides and Set-Off Genuine Agate Tips, Lengths 4½ and 5 ft., in Partitioned Velvet Bag, in Stiff Round Waterproof Leatherette Case, (See Page 2064), Approx. Weight Each 2¼ Lbs. **$22.25**

"BRISTOL" STEEL, JOINTED BAIT

Three Piece, Japanned, Nickel Plated Mountings, Solid Reel Seat Above Hand, German Silver Two Ring Tie Guides, German Silver Three Ring Tip, Locking Reed Band.

With Celluloid Grasp.

Each

No. 4—Length 10 ft., Length of Joints 38 in., Approx. Weight Each 10½ Oz. **$7.00**

No. 11—Length 8½ ft., Length of Joints 32 in., Approx. Weight Each 10 Oz. **7.00**

No. 13—Length 7½ ft., Length of Joints 28 in., Approx. Weight Each 10 Oz. **7.00**

With Cork Grasp.

Each

No. 11C—Length 8½ ft., Length of Joints 32 in., Approx. Weight Each 9 Oz. **$7.70**

No. 13C—Length 7½ ft., Length of Joints 28 in., Approx. Weight Each 9 Oz. **7.70**

BAIT CASTING

Three Piece, Japanned, Nickel Plated Mountings, Solid Reel Seat Above Hand, German Silver Two Ring Tie Guides, German Silver Three Ring Tip, Locking Reel Band.

With Celluloid Grasp.

Each

No. 20—Length 5 ft., Length of Joints 18 in., Approx. Weight Each 9 Oz. **$7.00**

With Cork Grasp.

Each

No. 20C—Length 5 ft., Length of Joints 18 in., Approx. Weight Each 8 Oz. **$7.70**

Fishing Rods.

"BRISTOL" STEEL, JOINTED

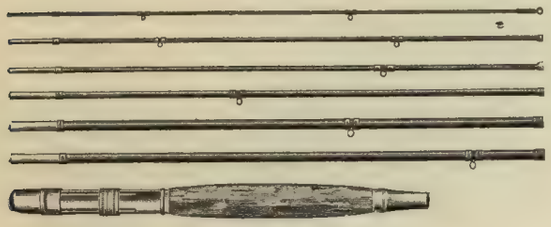
TRUNK, BAIT

Japanned, Nickel Plated Mountings.

Each

No. 23—**Five Piece,** Solid Reel Seat Above Hand, German Silver Two Ring Tie Guides, German Silver Three Ring Tips, Celluloid Grasp, Locking Reel Band, Length 7 ft. 8 in., Length of Joints 17¼ in., Weight Each About 9½ Oz..**$10.50**
One in a Partition Cloth Bag.

TRUNK, FLY



Japanned, Nickel Plated Mountings.

Each

No. 24—**Six Piece,** Solid Reel Seat Below Hand, German Silver Drop Ring Guides, German Silver One Ring Fly Tip, Cork Grasp. Locking Reel Band, Length 9 ft., Length of Joints 17¼ in., Weight Each About 8½ Oz.....**$12.60**
One in a Partition Cloth Bag.

FLY CASTING

NEW STYLE, LIGHT WEIGHT, Japanned, Nickel Plated Mountings.

Each

No. 29C—**Three Piece,** Solid Reel Seat Below Hand, German Silver Snake Guides, One Ring Tip, Cork Grasp with Locking Reel Band, Length 8½ ft., Length of Joints 32 in., Weight Each About 5½ Oz.....**$9.10**
One in a Partition Cloth Bag.

Japanned Nickel Plated Mountings, Solid Reel Seat Below Hand, German Silver Drop Ring Guides, One Ring Fly Tip, Locking Reel Band.

With Celluloid Grasp. Each

No. 16—**Three Piece,** Length 9 ft., Length of Joints 34 in., Weight Each About 9½ Oz.....**$7.00**

With Cork Grasp. Each

No. 16C—**Three Piece,** Length 9 ft., Length of Joints 34 in., Weight Each About 8½ Oz.....**$7.70**
One in a Partition Cloth Bag.

MUSCALLONGE

Japanned, Nickel Plated Mountings, with 1 in. Solid Reel Seat Above Hand, German Silver Trumpet Guides, German Silver Double Hole Tip, Celluloid Double Grasp, Locking Reel Band.

Each

No. 21—**Two Piece,** Length 7½ ft., Length of Joints 38 in., Weight Each About 13½ Oz.....**$9.45**

No. 22—**Two Piece,** Length 6½ ft., Length of Joints 32 in., Weight Each About 13 Oz..... **9.45**
One in a Partition Cloth Bag.

BAIT CASTING

NEW STYLE, LIGHT WEIGHT, Japanned, Nickel Plated Mountings.

Each

No. 28C—**Three Piece,** Solid Reel Seat Above Hand, Improved German Silver Casting Guides, Special Light Offset Agate Casting Tips, Cork Grasp, Locking Reel Band, Lengths 5 and 5½ ft., **Weight About 5 Oz.**.....**$10.50**
One in a Partition Cloth Bag.

KALAMAZOO, Japanned, Nickel Plated Mountings.

Each

No. 25C—**Three Piece,** Solid Reel Seat Above Hand, Improved German Silver One Ring Raised Casting Guides, Agate Solid Tip, Cork Grasp with Detachable Finger Hook, Lengths 4½, 5 and 5½ ft., Weight About 8 to 8½ Oz...**$ 9.80**

No. 25B—Same as No. 25C, but with Agate Guide on Butt Joint, Weight from 8 to 8½ Oz..... **11.20**
One in a Partition Cloth Bag.

SPECIAL, Japanned, Nickel Plated Mountings.

Each

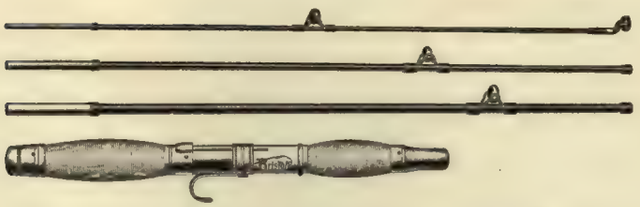
No. 27C—**Three Piece,** Solid Reel Seat, German Silver Mounted Agate Guides, Made High with Large Openings, German Silver Mounted Offset Style Tip, Double Cork Grasp with Detachable Finger Hook, Lengths 4½, 5 and 5½ ft., Weight Each About 9¾ Oz.....**$15.40**
One in a Partition Cloth Bag.

"Bristol" Steel Fishing Rods are guaranteed against breakage due to Defective Material or Workmanship ONLY.

Fishing Rods.

"BRISTOL" STEEL, JOINTED

BAIT CASTING



Japanned, Handle Mountings Finished in French Gray on Nickel.

Each

No. 33C—Three Piece, German Silver Mounted Narrow Agate Casting Guides with Large Openings, Special Design German Silver Mounted Light Offset Tip, Double Cork Grasp, 12½ in. Long, with Detachable Finger Hook, Lengths 4½, 5 and 5½ ft., Weight Each About 8 Oz. **$16.80**

One in a Partition Cloth Bag

POCKET BAIT CASTING

Japanned, Nickel Plated Handle Mountings.

Each

No. 30C—Four Piece, Solid Reel Seat, Fitted with a Narrow Agate Casting Guide on Butt Joint, Two Improved German Silver Casting Guides and Angle Agate Casting Tip, Offset Style, New Type Double Cork Grasp with Detachable Finger Hook, Lengths 4½, 5 and 5½ ft., Weight About 6¾ Oz. **$14.00**

Joints are 12¼, 13¾ and 15¼ in. Long.

One in a Partition Cloth Bag.

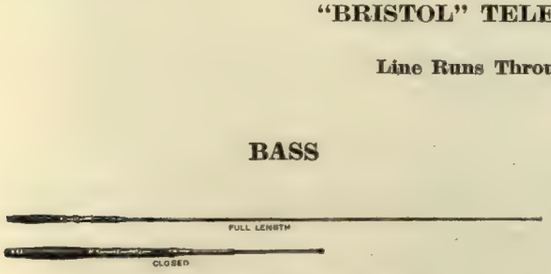
SPECIAL TRIMMINGS FOR BRISTOL STEEL RODS

	Add to List
Trumpet Guides and Nickel Plated Double Hole Tip	**$1.40**
Agate Guide on Butt Joint and Tip	**2.10**
Agate Guide on Butt Joint, Balance Trumpet Guides, Agate Solid Tip	**3.15**

"BRISTOL" TELESCOPIC STEEL, JOINTED

Line Runs Through the Center of the Rod.

BASS



Blued, Nickel Plated Mountings.

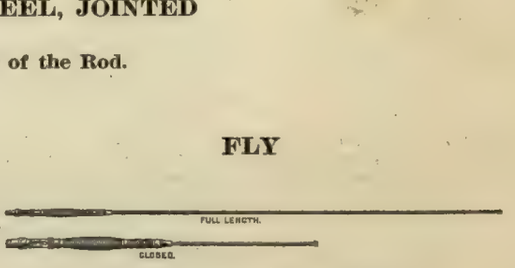
Each

No. 3 —Three Piece, Solid Reel Seat Above Hand, **Banded at Smaller End of Each Length,** Line Runs Through Center of Rod, Celluloid Grasp, Length 10 ft., Length when Telescoped 37 in., Weight Each About 10½ Oz. **$6.30**

No. 3½—Three Piece, Same Description as No. 3, Length 12 ft., Length when Telescoped 44 in., Weight Each About 11½ Oz. **7.00**

One in a Partition Cloth Bag.

FLY



Blued, Nickel Plated Mountings.

Each

No. 5—Three Piece, Solid Reel Seat Below Hand, Line Runs Through Center of Rod, Celluloid Grasp, Length 9 ft. 6 in., Length when Telescoped 32 in., Weight Each About 11¾ Oz. **$5.60**

No. 6—Three Piece, Same Description as No. 5, Length 12 ft., Length when Telescoped 44 in., Weight Each About 13 Oz. **6.30**

No. 7—Three Piece, Same Description as No. 5, with the Exception that Each Length is Banded at the Smaller End of Each Joint, Length 12 ft., when Telescoped 44 in., Weight Each About 13½ Oz. **7.00**

One in a Partition Cloth Bag.

SPECIAL TRIMMINGS FOR BRISTOL TELESCOPIC STEEL RODS

	Add to List
Outside Trumpet Guides and Nickel Plated Double Hole Tip	**$1.40**
Outside Agate Guide on Butt Joint, Trumpet Guides and Agate Tip	**3.15**
Outside All Agate Guides and Agate Tip	**4.25**

"Bristol" Steel Fishing Rods are guaranteed against breakage due to Defective Material or Workmanship ONLY.

Fishing Rods.

"BRISTOL" ADJUSTABLE TELESCOPIC STEEL, JOINTED

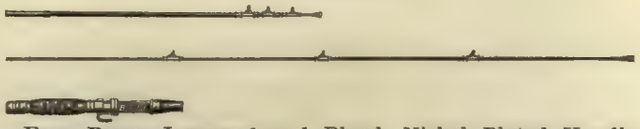
Line Runs on Outside of the Rod.

BAIT

Four Piece, Japanned and Blued, Nickel Plated Handle Mountings, Two Ring German Silver Tie Guides, Three Ring German Silver Tip, Patented Locking Reel Band, One in a Partition Cloth Bag.

	Each
No. 340—Length 9 ft., when Telescoped 33 in., Length of Joints 27 in., with Polished Maple Reversible Handle, Weight About 10 Oz.	**$6.30**
No. 341—Length 9 ft., when Telescoped 33 in., Length of Joints 27 in., with Celluloid Reversible Handle, Weight About 10 Oz.	**7.00**
No. 342—Length 9 ft., when Telescoped 33 in., Length of Joints 27 in., with Cork Reversible Handle, Weight About 10 Oz.	**7.70**
No. 350—Length 8½ ft., when Telescoped 31½ in., Length of Joints 25½ in., Polished Maple Reversible Handle, Weight About 9½ Oz.	**6.30**
No. 351—Length 8½ ft., when Telescoped 31½ in., Length of Joints 25½ in., with Celluloid Reversible Handle, Weight About 9½ Oz.	**7.00**
No. 352—Length 8½ ft., when Telescoped 31½ in., Length of Joints 25½ in., with Cork Reversible Handle, Weight About 9½ Oz.	**7.70**

BAIT CASTING



Four Piece, Japanned and Blued, Nickel Plated Handle Mountings, Large Polished German Silver Improved Casting Guides, Solid Agate Tip with Extra Large Opening, Short Cork Grip Handle with Patent Detachable Finger Hook, One in a Partition Cloth Bag.

	Each
No. 362—Length 5 ft., when Telescoped 21¾ in., Length of Joints 15¼ in., with Cork Grip Handle, Weight About 8 Oz.	**$9.70**
No. 372—Length 6 ft., when Telescoped 25 in., Length of Joints 18¾ in., with Cork Grip Handle, Weight About 9 Oz.	**9.70**

Four Piece, Japanned and Blued, Nickel Plated Handle Mountings, All Agate Casting Guides, Agate Casting Tip, Short Cork Grip Handle, Patent Detachable Finger Hook, One in a Partition Cloth Bag.

	Each
No. 363—Length 5 ft., when Telescoped 21¾ in., Length of Joints 15¼ in., with Cork Grip Handle, Weight About 8 Oz.	**$13.00**
No. 373—Length 6 ft., when Telescoped 25 in., Length of Joints 18¾ in., with Cork Grip Handle, Weight About 9 Oz.	**13.00**

FLY

FOUR PIECE, Japanned and Blued, Nickel Plated Handle Mountings, Two Ring German Silver Tie Guides, One Ring German Silver Tip, Patented Locking Reel Band, One in a Partition Cloth Bag.

	Each
No. 380—Length 9 ft., when Telescoped 33 in., Length of Joints 27 in., with Polished Maple Reversible Handle, Weight About 10 Oz.	**$6.30**
No. 381—Length 9 ft., when Telescoped 33 in., Length of Joints 27 in., with Celluloid Reversible Handle, Weight About 10 Oz.	**7.00**
No. 382—Length 9 ft., when Telescoped 33 in., Length of Joints 27 in., with Cork Reversible Handle, Weight About 10 Oz.	**7.70**

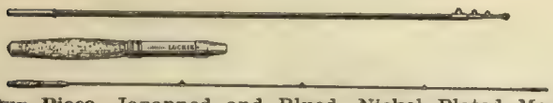
The above Fishing Rods are adjustable to any length. The joints lock in place by a very ingenious arrangement of the guides. Are very durable and serviceable and in addition hang unusually well.

"Bristol" Steel Fishing Rods are Guaranteed Against Breakage Due to Defective Material or Workmanship ONLY.

"LUCKIE" ADJUSTABLE TELESCOPIC, STEEL, JOINTED

Line Runs on Outside of the Rod.

BAIT



Four Piece, Japanned and Blued, Nickel Plated Mountings, Two Ring Guides, Three Ring Tip, Patented Reversible Cork Handle, Locking Reel Band, One in a Partition Cloth Bag.

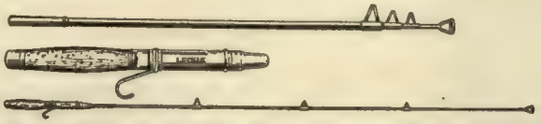
	Each
No. 1008½—Length 8½ ft., Length when Telescoped 27½ in., Length of Joints 25 in., Weight Each About 9½ Oz.	**$3.50**
No. 1009 —Length 9 ft., Length when Telescoped 29 in., Length of Joints 26½ in., Weight Each About 10 Oz.	**3.50**

FLY

Four Piece, Japanned and Blued, Nickel Plated Mountings, Snake Guides, One Ring Tip, Patent Reversible Cork Handle, Locking Reel Band, One in a Partition Cloth Bag.

	Each
No. 1109—Length 9 ft., Length when Telescoped 29 in., Length of Joints 26½ in., Weight Each About 10 Oz.	**$3.50**

BAIT CASTING



Four Piece, Japanned and Blued, Nickel Plated Mountings, Cork Handle, Detachable Finger Hook, Length 5½ ft., Length when Telescoped 19¼ in., Length of Joints 16½ in., One in a Partition Cloth Bag.

	Each
No. 1205½—With Casting Guides and Stirrup Tip, Weight Each About 9 Oz.	**$5.60**
No. 1305½—With Casting Guides and Agate Casting Tip, Weight Each About 9 Oz.	**6.45**
No. 1405½—With Casting Guide and Agate Casting First Guide, Agate Casting Tip, Weight Each About 9 Oz.	**7.30**
No. 1505½—With Full Agate Casting Guides and Agate Casting Tip, Weight Each About 9 Oz.	**9.80**

"Luckie" Rods are not guaranteed.

When ordering Extra Joints for Four Piece Rods on this page give Number of Rod and please state if same are to be the Butt Joint, next to Butt, next to Tip or the Tip Joint.

Fishing Rods.

"SAMSON" STEEL, JOINTED

Three Piece, Dead Black Enameled, Nickel Plated Mountings, Reel Seat Above Hand, with Screw Locking Band, Snake Guides, Three Ring Tip, Cork Grasp, One in a Partition Cloth Bag.

Casting.

Nos.	B4	B46	B5	B56
Length, Feet	4	4½	5	5½
Each	$2.00	2.00	2.00	2.00

Approximate Weight Each 8 Ounces.

Bait.

Nos.	B6	B66	B7	B76	B8
Length, Feet	6	6½	7	7½	8
Each	$2.00	2.00	2.00	2.00	2.00

Nos.	B86	B9	B96	B10
Length, Feet	8½	9	9½	10
Each	$2.00	2.00	2.00	2.00

Approximate Weight Each 9 Ounces.

Three Piece, Dead Black Enamel, Nickel Plated Mountings, Reel Seat Above Hand, with Screw Locking Band, Agate Guide on Butt Joint, Balance Snake Guides, Agate Tip, Cork Grasp, One in a Partition Cloth Bag.

Casting.

Nos.	B4A	B46A	B5A	B56A	B6A
Length, Feet	4	4½	5	5½	6
Each	$3.50	3.50	3.50	3.50	3.50

Approximate Weight Each 8 Ounces.

Bait.

Nos.	B8A	B86A	B9A
Length, Feet	8	8½	9
Each	$3.50	3.50	3.50

Approximate Weight Each 10 Ounces.

Three Piece, Dead Black Enamel, Nickel Plated Mountings, Reel Seat Above Hand, Screw Locking Band, Agate Guide on Butt Joint, Balance German Silver Trumpet Guides, Agate Tip, Cork Grasp, One in a Partition Cloth Bag.

Casting.

Nos.	B4XA	B46XA	B5XA	B56XA	B6XA
Length, Feet	4	4½	5	5½	6
Each	$4.50	4.50	4.50	4.50	4.50

Approximate Weight Each 8 Ounces.

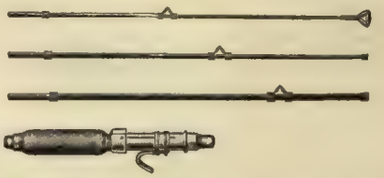
Bait.

Nos.	B66XA	B7XA	B76XA	B8XA	B86XA	B9XA
Length, Ft.	6½	7	7½	8	8½	9
Each	$4.50	4.50	4.50	4.50	4.50	4.50

Approximate Weight Each 9 Ounces.

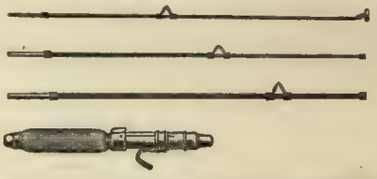
Special Lengths up to 10 ft. Trimmed as Above NOT LISTED on this page can be made to order, but will cost 10 Per Cent More than Regular Rods. F. O. B. Factory.

CASTING



Three Piece, Dead Black Enameled, Nickel Plated Mountings, Reel Seat Above Hand, Large Kalamazoo Wire Casting Guides, **Three Ring Tip,** Cork Grasp, with Finger Hook on Reel Band, One in a Partition Cloth Bag.

Nos.	BCR4	BCR46	BCR5	BCR56	BCR6
Length, Feet	4	4½	5	5½	6
Each	$2.50	2.50	2.50	2.50	2.50



Three Piece, Dead Black Enameled, Nickel Plated Mountings, Reel Seat Above Hand, Large Kalamazoo Wire Casting Guides, **Set-Off** Agate Casting Tip, Cork Grasp, with Casting Finger Hook on Reel Band, One in a Partition Cloth Bag.

Nos.	BC4	BC46	BC5	BC56	BC6
Length, Feet	4	4½	5	5½	6
Each	$3.00	3.00	3.00	3.00	3.00

Three Piece, Dead Black Enamel, Nickel Plated Mountings, Reel Seat Above Hand, Extra Large Agate Guide on Butt Joint, Balance Large Kalamazoo Wire Casting Guides, **Set-Off** Agate Casting Tip, Cork Grasp, with Casting Finger on Reel Band, One in a Partition Cloth Bag.

Nos.	BC4A	BC46A	BC5A	BC56A	BC6A
Length, Feet	4	4½	5	5½	6
Each	$4.25	4.25	4.25	4.25	4.25

Three Piece, Dead Black Enamel, Nickel Plated Mountings, Reel Seat Above Hand, Special Large Agate Casting Guides, **Set-Off** Agate Casting Tip, Cork Grasp, with Casting Finger Hook on Reel Band, One in a Partition Cloth Bag.

Nos.	BC4AA	BC46AA	BC5AA
Length, Feet, Each	4	4½	5
Each	$5.60	5.60	5.60

Nos.		BC56AA	BC6AA
Length, Feet, Each		5½	6
Each		$5.60	5.60

Approximate Weight of Above Casting Rods 8 Ounces.

The Samson Steel Fishing Rods are NOT GUARANTEED; and all repairs and replacements will be charged for. These rods are carefully made, carefully inspected and carefully tested to maximum limit. Every effort will be made to keep the quality up to the highest point of perfection.

Fishing Rods.

"SAMSON" STEEL, JOINTED

FLY

Three Piece, Dead Black Enamel, Nickel Plated Mountings, Reel Seat Below Hand, with Screw Locking Reel Seat, German Silver Snake Guides, One Ring Tip, Cork Grasp.

Nos.	F86	F9	F96	F10
Length, Feet	8½	9	9½	10
Each	$2.25	2.25	2.25	2.25

Approximate Weight Each 10 Ounces.

One in a Partition Cloth Bag.

MUSCALLONGE

Two Piece, Extra Heavy Dead Black Enamel, Nickel Plated Mountings, Reel Seat Above Hand, Large German Silver Trumpet Guides, Double Hole Tip, Cork Grasp.

Nos.	M66	M76
Length, Feet	6½	7½
Each	$6.75	6.75

Approximate Weight Each 14 Ounces.

One in a Partition Cloth Bag.

The Samson Steel Fishing Rods are NOT GUARANTEED; and all repairs and replacements will be charged for. The rods are carefully made, carefully inspected and carefully tested to maximum limit. Every effort will be made to keep the quality up to the highest point of perfection.

Rod Handles.

"BRISTOL"

REVERSIBLE, for Bristol Steel Rod, Nickel Trimmed.

	Each
No. 2—With Celluloid Grasp, Weight Each About 4 Oz.	$4.20
No. 4—With Cork Grasp, Weight Each About 4 Oz.	4.90

DOUBLE GRIP, for Bristol Steel Rods, Nickel Trimmed.

	Each
No. 8—With Celluloid Grasp, Length 18½ in., Weight Each About 6 Oz.	$4.20
No. 9—With Cork Grasp, Length 18½ in., Weight Each About 6 Oz.	4.90
No. 15—With Cork Grasp, Length 15½ in., for No. 27C Rod, Weight Each About 6 Oz.	5.25

REGULAR, for Bristol Steel Rods, Nickel Trimmed.

	Each
No. 5—With Celluloid Grasp, Weight Each About 4 Oz.	$3.15
No. 6—With Cork Grasp, Weight Each About 4 Oz.	3.85
No. 10—With Cork Grasp and Detachable Finger Hook, for No. 25C Rod, Weight Each About 4 Oz.	4.20

LONG GRIP, for Bristol Steel Rods, Nickel Trimmed.

	Each
No. 14—With Celluloid Grasp, Length 18½ in., Weight Each About 5 Oz.	$4.20

All the above Handles will interchange and Fit all Bristol Rods.

Rod Handles.

"SAMSON"

For Samson Steel Rods, Nickel Trimmed.

	Each
No. 20—Regular, for Bait Rod, Cork Grasp, with Screw Locking Reel Band, Weight Each About 3 Oz.	$0.80
No. 21—Regular, for Casting Rod, Cork Grasp with Finger Hook, Weight Each About 3 Oz.	1.15
No. 22—Regular, for Fly Rod, Cork Grasp, Screw Locking Reel Band with Reel Seat Below Hand, Weight Each About 3 Oz.	.80
No. 23—Long Grip, for Muscallonge Rod, Cork Grasp, Screw Locking Reel Band with Reel Seat Above Hand, Weight Each About 3 Oz.	2.00

Auxiliary Rod Handles.

"SAMSON"

For Samson Steel Rods, Nickel Trimmed.

	Each
No. 13—With Cork Grasp, Weight Each About 2 Oz.	$0.80

This part, if used with any of the Samson Rod Handles, will make a Double Grip Handle.

Rod Tips.

WOOD

LANCEWOOD, Mounted, Silk Wound Ring Guides, Ringed or One Hole Tip, Nickel Plated Joint Ferrule.

	Each
No. 0—Length 3 ft., 7/32 in. Joint Ferrule	$0.70
No. 1—Length 3 ft., 1/4 in. Joint Ferrule	.70
No. 2—Length 3 ft., 5/16 in. Joint Ferrule	.70

SPLIT BAMBOO, Mounted, Silk Wound Ring Guides, Ringed or One Hole Tip, Nickel Plated Joint Ferrule.

	Each
No. 00—Length 3 ft., 7/32 in. Joint Ferrule	$0.60
No. 01—Length 3 ft., 1/4 in. Joint Ferrule	.60
No. 02—Length 3 ft., 5/16 in. Joint Ferrule	.80
No. 03—Length 3 ft., 11/32 in. Joint Ferrule	.80

When ordering the above always give the exact diameter of Male Ferrule.

"BRISTOL" STEEL ROD TIPS

For Bristol Steel Rods.

	Each
For No. 3 Telescopic Rod	$1.65
For No. 5 Telescopic Rod	1.25
Ror Rods Nos. 4, 11, 13, 16, 19, 20, 23 and 24, and Telescopic Rods Nos. 340, 350 and 380	1.75
For Rods Nos. 21 and 22	2.80
For Rods No. 25C, Length 16, 18, 20 and 22 in., and Telescopic Rods Nos. 362 and 372	3.00
For Rods Nos. 27C and 33C, Length 18, 20 and 22 in	4.90

"SAMSON" STEEL ROD TIPS

For Samson Steel Rods.

	Each
For Rods Nos. B4 to B10	$0.75
For Rods Nos. B4A to B9A	1.40
For Rods Nos. B4XA to B9XA	$1.65 to 2.20
For Rods Nos. BCR4 to BCR6	1.00
For Rods Nos. BC4 to BC6	1.80
For Rods Nos. BC4A to BC6A	1.80
For Rods Nos. BC4AA to BC6AA	2.60
For Rods Nos. F86 to F10	.80

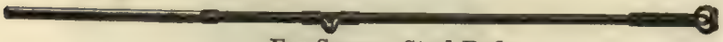
Trolling Tips.

"BRISTOL" STEEL

For Bristol Steel Rods.

	Each
No. 1½—9 in. Long, Fitted with One Large German Silver Two Ring Guide and Large German Silver Three Ring Tip	$1.75
No. 11½—9 in. Long, Fitted with One Large German Silver Two Ring Guide and Agate Solid Tip	2.80

"SAMSON" STEEL



For Samson Steel Rods.

	Each
No. 2½—9 in. Long, Fitted with Snake Guide and Large German Silver Three Ring Tip	$1.15
No. 22½—9 in. Long, Fitted with Snake Guide and Agate Solid Tip	2.00

Finger Hooks.

"BRISTOL"

	Per Dozen
No. 50—Nickel Plated Patent Finger Hook and Band	$0.50

Will fit all Bristol Steel Rods.

Rod Joints.

"BRISTOL" STEEL, MIDDLE AND BUTT

For Bristol Steel Rods.

	Each
For Rods Nos. 4, 11, 13, 16, 19, 20 and All Joints for Nos. 23 and 24 and Telescopic Rods Nos. 340, 350 and 380	$1.75
For Rods Nos. 25C, Length 16, 18, 20 and 22 in., and Telescopic Rods Nos. 362 and 372	2.00
For Rods Nos. 21 and 22	2.80
For Rods Nos. 27C and 33, Middle and Butt Joint	3.15

When ordering above Joints please state whether Butt or Middle Joints are wanted.

"SAMSON" STEEL, MIDDLE

For Samson Steel Rods.

	Each
For Rods Nos. B4 to B10	$0.75
For Rods Nos. B4A to B9A	.75
For Rods Nos. B4XA to B9XA	$1.00 to 1.55
For Rods Nos. BCR4 to BCR6	.90
For Rods Nos. BC4 to BC6	.90
For Rods Nos. BC4A to BC6A	.90
For Rods Nos. BC4AA to BC6AA	1.65
For Rods Nos. F86 to F10	.80

"SAMSON" STEEL, BUTT

	Each
For Rods Nos. B4 to B10	$0.75
For Rods Nos. B4A to B9A	1.40
For Rods Nos. B4XA to B9XA	$1.40 to 1.70
For Rods Nos. BCR4 to BCR6	.90
For Rods Nos. BC4 to BC6	.90
For Rods Nos. BC4A to BC6A	1.70
For Rods Nos. BC4AA to BC6AA	1.70
For Rods Nos. F86 to F10	.80

When ordering Joints for Samson Rods kindly state Number of Rod for which same are wanted.

Trolling Stubs.

"BRISTOL"

Steel, Nickel Plated.

	Each
No. 2—9 in. Long, a Short Stiff Joint to Fit into Rod Handles and to be Used for Trolling Instead of a Hand Line	$1.40

Emergency Tops.

Nickel Plated.

	Per Dozen
No. 10 —For Samson Steel Rods, 2⅛ in. Long	$1.35
No. 10½—For Bristol Steel Rods, 2⅛ in. Long	1.70

To be used in case of accident to the Regular Tip Joint or in place of the Tip Joint.

Steel Rod Shorteners.

Nickel Plated Knurled Head.

	Per Dozen
No. 15—2 in. Long	$2.25

Fits in the grip of Jointed Steel Rods and in doing so, takes the two smallest joints, leaving out the joint which fits in the grip. Can be used with either Bristol, Rainbow or Samson Steel Rods.

Rod Cases.

STIFF LEATHER

SOLID, Heavy Orange Leather, Embossed.

	Each
No. 115—2¼ in. Diameter, 40 in. Long, with Buckle, Padlock Staple and Handle, for 2 Ordinary Jointed Rods	**$10.00**
No. 116—3¼ in. Diameter, 40 in. Long, with Buckle, Padlock Staple and Handle, for 3 or 4 Ordinary Jointed Rods	**10.60**

Approximate Weight Each ¾ Pounds.

TELESCOPIC, Heavy Orange Leather, Embossed.

	Each
No. 117—2½ in. Diameter, Extends from 29½ to 42 in., for 2 Ordinary Jointed Rods	**$ 9.00**
No. 118—3½ in. Diameter, Extends from 29½ to 42 in., for 3 or 4 Ordinary Jointed Rods	**10.00**

Approximate Weight Each, 1½ Pounds.

Rod Cases.

"DOWAGIAC" LEATHERETTE

Waterproof Leatherette, Nicely Ornamented Brass End Caps, Heavily Nickel Plated, Built Over Heavy Fibre Tube.

	Each
No. 120—1⅞ in. Inside Diameter, Length 36 in., Approximate Weight Each 1½ Lbs	**$2.25**

This Case is the same as supplied with Nos. 10 and 15 Casting Rods (see Page 2057) and Nos. 110 and 120 Dowagiac Fly Rods (see Page 2053).

Practice Casting Weights.

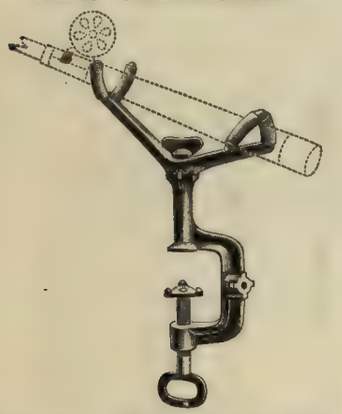
Made of Wood, Ballasted with Lead, Guaranteed Accurate to a Grain and is Used for Practice, Exhibition and Tournament Bait Casting.

	Per Dozen
No. 880—Varnished, Weight Each ½ Oz	**$1.80**
No. 881—White Enameled, Weight Each ½ Oz	**2.70**

Open Stock.

Rod Holders.

NEW UNIVERSAL

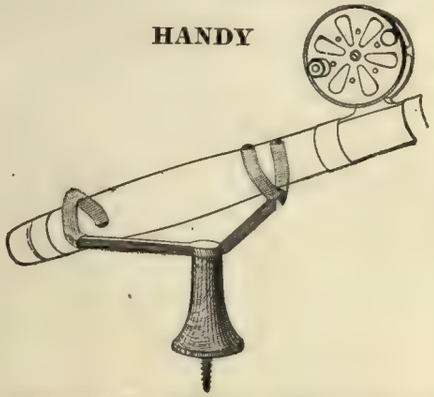


Malleable Iron, Tinned, Rubber Covered Forks.

	Per Dozen
No. 20—6 in. Spread, Weight Per Dozen About 10½ Lbs.	**$12.00**

By means of the Thumb Screw it may be adjusted in any direction. Can be detached in an instant. Can be fastened either to the seat or the gunwale of boat.

HANDY



Malleable Iron, Tinned, Rubber Covered Fork.

	Per Dozen
No. 2—4¾ in. Spread, Weight Per Dozen About 3 Lbs.	**$8.00**

Especially desirable to use with an expensive rod, being covered with rubber to prevent all injury to windings or varnish of Rod, also useful for still fishing or trolling.

Reel Cases.

Russet Leather, with Strap and Buckle, UNLINED.

	Per Dozen
No. 0—For 60 Yard Reel, Weight Per Dozen About 1½ Lbs.	**$14.50**
No. 1—For 80 Yard Reel, Weight Per Dozen About 1¾ Lbs.	**15.00**

Orange Leather, with Strap and Buckle, CHAMOIS LINED.

	Per Dozen
No. 1½—For 60 Yard Reel, Weight Per Dozen About 1½ Lbs.	**$20.00**
No. 2 —For 80 Yard Reel, Weight Per Dozen About 1¾ Lbs.	**23.35**

Rod Butt Pads.

FRAZER'S

No. 1.

No. 2.

Flexible Rubber, Will Fit Any Standard Rod.

	Per Dozen
No. 1—Small Butt, 1⅜ in. Diameter at Base, Weight Per Dozen About 10 Oz.	**$5.00**
No. 2—Large Butt, 2 in. Diameter at Base, Weight Per Dozen About 12 Oz.	**7.80**

By the use of these Pads the Rod is absolutely prevented from slipping.

Body Rests.

For Bristol Steel Rod Handles.

	Per Dozen
No. 1—2¾ in. Diameter, Hard Maple, Stained and Polished, Weight Per Dozen About 1½ Lbs.	**$8.50**

This Body Rest serves the double purpose of relieving the hands of the continuous strain incidental to playing "Big Game Fish," such as Tarpon, Muscallonge, etc., and affords a means of obtaining greater purchase when occasion requires. Attached to Handle in place of Screw Cap.

Rod Mountings.

Cuts Full Size

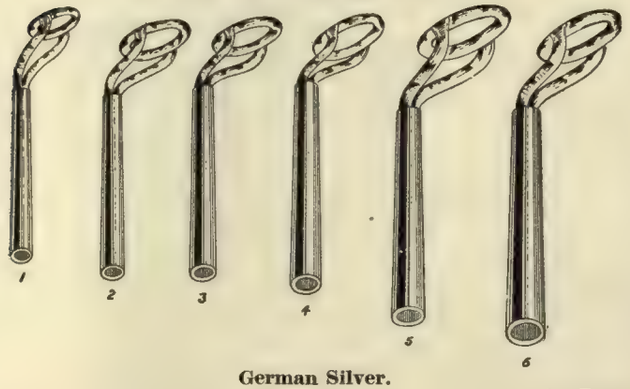
ONE-RING FLY TIPS

Nickel Plated.

	Per Gross
One-Ring Fly Tips—Nos. 0 to 5	$3.35

Open Stock.

MILWAUKEE OFFSET TIPS



German Silver.

	Per Dozen
Milwaukee Off-Set Tips—Nos. 1 to 6	$4.00

Open Stock.

MILWAUKEE OFFSET AGATE TIPS

No. 24. No. 34, with Brace.

German Silver, Agate Tip.

	Per Dozen
No. 24—Sizes Nos. 1 to 6	$10.00
No. 34—With Brace, Sizes Nos. 1 to 6	12.25

The Sizes of the Nos. 24 and 34 Milwaukee Agate Offset Tips are the same as the Regular Milwaukee Offset Tips shown above.

THREE RING TIPS

German Silver.

Nos.	0	1	2	3
Size, Inches, in 64ths	4	6	7	8
Per Gross	$8.00	8.00	8.00	8.00
Nos.	**4**	**5**	**6**	**7**
Size, Inches, in 64ths	9	10	11	12
Per Gross	$8.00	8.00	8.00	8.00

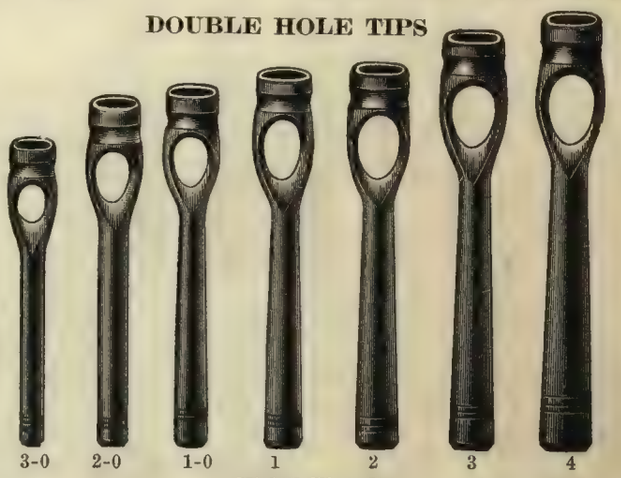
Open Stock.

TUBE ROD TIPS

Brass.

Nos.	2	3	4	5	6
Size, Inches	3/64	5/32	1/64	3/16	7/32
Per Gross	$5.00	5.00	5.00	6.00	6.00
Nos.		**7**	**8**	**9**	**10**
Size, Inches		1/4	9/32	5/16	11/32
Per Gross		$8.25	8.25	10.00	10.00

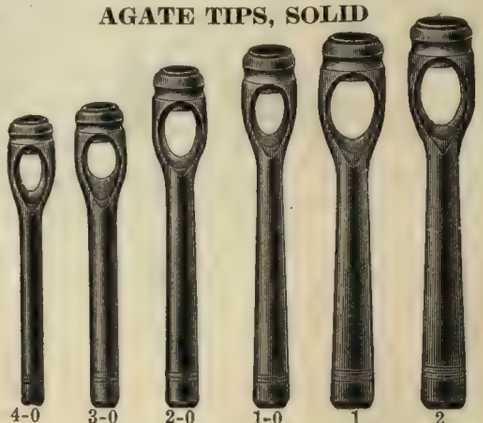
DOUBLE HOLE TIPS



Nickel Plated.

Nos.	3–0	2–0	1–0	1	2	3	4
Size, Inches, 64ths.	8	9	10	12	14	16	18
Per Dozen	$2.00	2.00	2.00	2.00	2.00	2.00	2.00

AGATE TIPS, SOLID



German Silver Mounted.

Nos.	5–0	4–0	3½–0	3–0	2–0
Size, Inches, in 64ths	5	6	7	8	10
Per Dozen	$13.35	13.35	13.35	13.35	13.35
Nos.	**1–0**	**1**	**2**	**3**	**4**
Size, Inches, in 64ths	12	14	16	18	20
Per Dozen	$13.35	13.35	13.35	13.35	14.50

Rod Mountings.

Cuts Full Size

AGATE BASKET TIPS

German Silver Mounted.

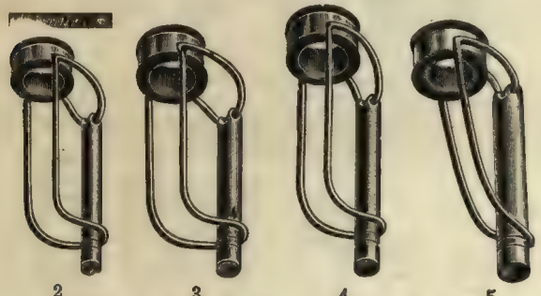
Nos.	1	2	3	4	5
Size, Inches, in 64ths	8	9	10	11	12
Per Dozen	$11.15	11.15	11.15	11.15	11.15

ADAMANT TIPS, SOLID

German Silver Mounted.

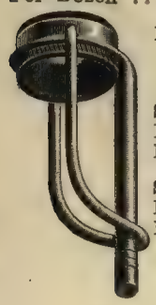
Nos.	4–0	3–0	2–0	0	1	2
Size Inside, Inches, 100ths	9	13	14	16	18	19
Per Dozen	$4.50	4.50	4.50	4.50	4.50	4.50

OFF-SET GUARD CASTING TIPS



No. 14—Special Adamant Offset Guard Casting Tips, German Silver Mounted, for Bait Casting Rods.

Size Nos.	2	3	4	5
Size, Inside, Inches, in 100ths	11	13	14	16
Per Dozen	$4.50	4.50	4.50	4.50



No. 4—Special Genuine Agate Offset Guard Casting Tips, German Silver Mounted, for Bait Casting Rods.

Size Nos.	5–0	4–0	3½–0
Inches, in 64ths	5	6	7
Per Dozen	$17.80	17.80	17.80

Size Nos.	3–0	2–0	1–0
Inches, in 64ths	8	10	12
Per Dozen	$17.80	17.80	17.80

ADAMANT THREE-RING TIPS

German Silver Mounted.

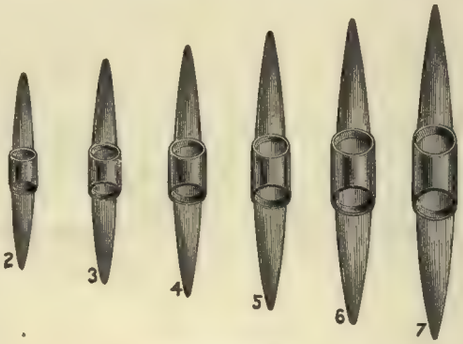
Nos.	2	3	4	5	6
Size Inside, In., 100ths	11	13	14	16	17
Per Dozen	$3.15	3.15	3.15	3.15	3.15

ADAMANT ONE-RING ANGLE TIPS

German Silver Mounted.

Nos.	1	2	3	4	5
Size Inside, Inches, 100ths	10	11	12	13	14
Per Dozen	$3.15	3.15	3.15	3.15	3.15

COMMON TIE GUIDES



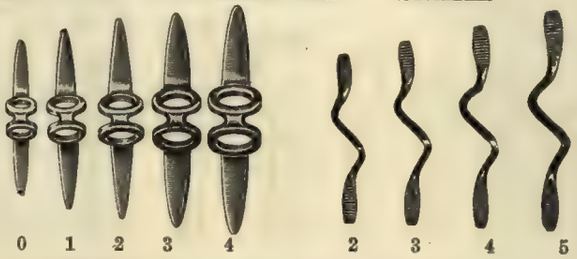
Brass, Solderless.

Nos.	2	3	4	5	6	7
Per Gross	$2.25	2.25	2.25	2.25	2.25	2.25

GUIDES

IMPROVED TWO RING TIE

SNAKE



IMPROVED TWO RING TIE GUIDES

German Silver Solderless.

Nos.	0	1	2	3	4
Per Gross	$2.25	2.25	2.25	2.25	2.25

SNAKE GUIDES

Bronze Tempered Steel.

Nos.	2–0	1–0	1	2	3	4	5
Per Gross	$3.35	3.35	3.35	3.35	3.35	3.35	3.35

Rod Mountings.

Cuts Full Size

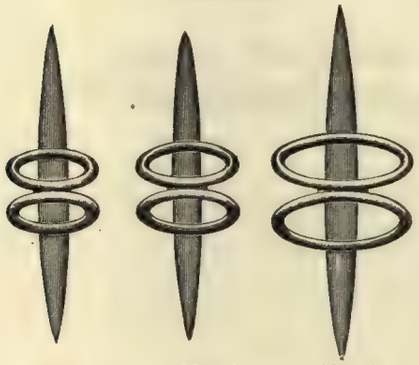
TRUMPET TIE GUIDES

1 2 3 4 5 6

German Silver.

Nos.	1	2	3	4	5	6
Per Dozen	$1.15	1.15	1.15	1.15	1.15	1.15

KALAMAZOO CASTING GUIDES

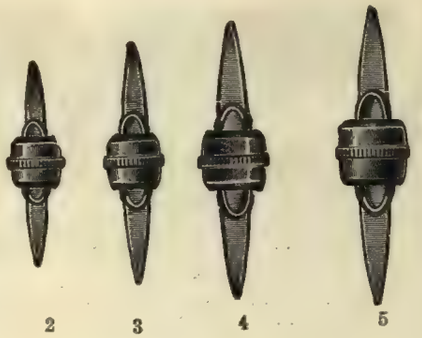


No. 1. No. 2. No. 3.

Polished German Silver.

Nos.	1	2	3
Size, Inches	⅜	½	⅝
Per Dozen	$0.70	.70	.70

AGATE TIE GUIDES



2 3 4 5

German Silver Mounted, Raised.

Nos.	2	3	4	5
Per Dozen.	$11.15	11.15	11.15	11.15

IMPROVED NARROW RING CASTING GUIDES

1 2 3

Polished Hard Steel.

Nos.	1	2	3
Per Dozen	$3.35	3.35	3.35

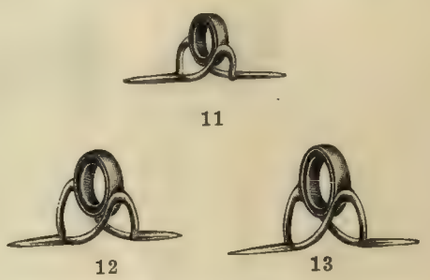
ADAMANT TIE GUIDES

5 4 3 2

German Silver Mounted, Raised.

Nos.	2	3	4	5
Per Dozen..	$2.25	2.25	2.25	2.25

AGATE CASTING GUIDES



11 12 13

Narrow Band, Raised, Finely Nickel Plated, Mounted.

Nos.	11	12	13
Per Dozen....	$14.50	14.50	14.50

PLAIN FERRULES

Brass.

Nos.	00	0	1	2	3	4
Diam., Inches, in 64ths..	11	14	15	17	22	24
Per Dozen	$0.65	.65	.65	.65	.80	.90
Nos.	**5**	**6**	**7**	**8**	**10**	**12**
Diam., Inches, in 64ths..	27	30	32	35	40	46
Per Dozen	$1.00	1.00	1.10	1.15	1.35	1.55
Nos.	**14**	**16**	**18**	**20**	**22**	**24**
Diam., Inches, in 64ths..	51	56	63	68	75	81
Per Dozen	$2.00	2.15	2.65	3.00	3.45	3.75

IMPROVED SHOULDERED CLOSED END FERRULES

Nickel Plated.

Nos.	00	0½	0	1	1½	2
Diam., Inches, in 64ths..	11	12	14	15	16	17
Per Dozen	$1.25	1.25	1.25	1.25	1.35	1.40
Nos.	**2½**	**3**	**4**	**5**	**6**	**7**
Diam., Inches, in 64ths..	19	22	24	27	30	32
Per Dozen	$1.45	1.50	1.60	1.70	1.80	1.90
Nos.	**8**	**10**	**12**	**14**	**16**	**18**
Diam., Inches, in 64ths..	35	40	46	51	56	63
Per Dozen	$2.00	2.10	2.35	2.90	3.35	4.00

SHOULDERED ROLLED WELT CLOSED END FERRULES

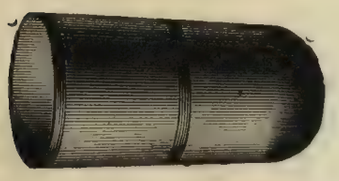
Nickel Plated.

Nos.	00	0½	0	1	1½	2	2½	3	4	5
Diameter, Inches, in 64ths	11	12	14	15	16	17	19	22	24	27
Per Dozen	$2.25	2.25	2.25	2.25	2.35	2.35	2.45	2.45	2.50	2.65

The Sizes of Above Ferrules are Exact Measurements of the Inside of Large Female Ferrules.

Rod Mountings.

SOLID BUTT CAPS, ROUND ENDS



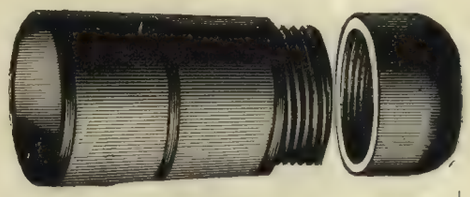
Brass.

Inches	¾	⅞	1	1 1/16	1¼
Per Dozen..	$0.65	.80	1.00	1.15	1.65

Nickel Plated.

Inches	¾	⅞	1	1 1/16	1¼
Per Dozen..	$1.00	1.15	1.35	1.50	2.00

SCREW BUTT CAPS, ROUND ENDS



Brass.

Inches	⅞	1	1⅛	1¼
Per Dozen.....	$1.50	1.65	2.00	2.75

Nickel Plated.

Inches	⅞	1	1⅛	1¼
Per Dozen.....	$1.80	2.00	2.35	3.25

ROD TAPERS OR WINDING CHECKS

No. 12. No. 13.

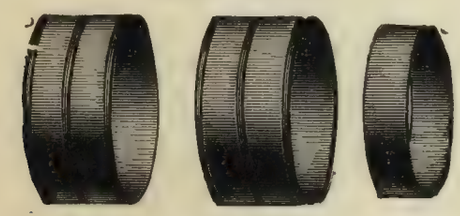
Nickel Plated.

Per Dozen

No. 12—Large End ¾ in., Small End 28/64 in..... $2.50

No. 13—Large End ⅞ in., Small End 34/64 in..... 2.50

REEL BANDS



Brass, (in Sets of Three).

Inches	¾	⅞	1	1 1/16	1⅛	1 3/16	1¼
Per Dozen Sets....	$0.80	1.00	1.15	1.35	1.40	1.50	1.60

Nickel Plated, (in Sets of Three).

Inches	¾	⅞	1	1 1/16	1⅛	1 3/16	1¼
Per Dozen Sets....	$1.35	1.50	1.60	1.80	1.90	2.00	2.10

REEL SEATS

Handy, Self-Adjusting, Nickel Plated.

Per Dozen

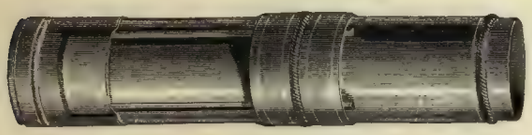
No. 1—6½ in. Long, for All Ordinary Rods..... $3.00

Weight Per Dozen About 1⅛ Pounds.

Can be applied to any size rod without cutting or fitting. Especially adapted for Calcutta and Bamboo Poles.

One Dozen in a Box.

REEL SEATS



No. 10—Above Hand, Solid Metal, Nickel Plated, for Bait Rods.

Size, Inches	¾	⅞	1
Full Length, Inches	4⅝	4⅝	5⅛
Per Dozen	$3.75	4.00	5.00

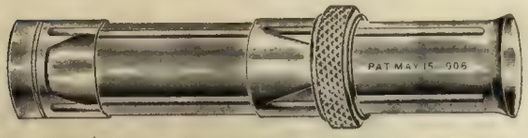
Approximate Weight Per Dozen About ¾ Pound.

No. 20—Below Hand, Solid Metal, Nickel Plated, for Fly Rods.

Size, Inches	¾	⅞
Full Length, Inches	4⅝	5
Per Dozen	$3.75	4.00

Approximate Weight Per Dozen About ¾ Pound.

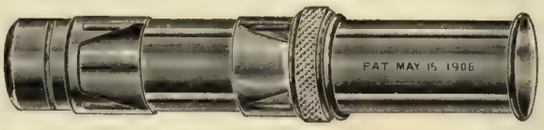
PATENT LOCKING BAND, REEL SEATS



No. 30—Above Hand, Solid Metal, Nickel Plated, with Taper Hood Attached for Bait Rods.

Size, Inches	¾	⅞
Full Length, Inches	6	6
Per Dozen	$12.00	14.00

Approximate Weight Per Dozen About ¾ Pound.



No. 40—Below Hand, Solid Metal, Nickel Plated, for Fly Rods.

Size, Inches	¾	⅞
Full Length, Inches	5½	6
Per Dozen	$12.00	14.00

Approximate Weight Per Dozen About ¾ Pound.

The Patent Locking Band locks the Reel to the Seat so it cannot work loose.

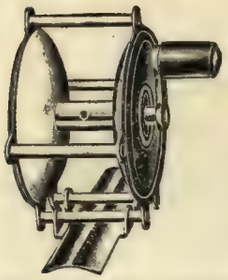
The Band Ring slides upon two raised ribs preventing "side play," and when turned slightly to right or left securely locks the Reel.

INSTRUCTIONS FOR USING PATENT LOCKING REEL SEAT

When these plates have been cut off to the length wanted, the **Hood** must be soldered water-tight to the plate.

Fishing Reels.

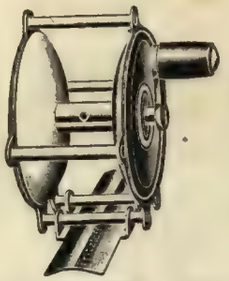
SINGLE ACTION



Brass, Riveted Raised Pillars, Black Wood Handle.

Nos.	14	16
Capacity, Yards	40	60
Diam. Disk, Inches	2	2¼
Pillar, Inches	1	1
Wt. Dozen About, Lbs.	2¼	2½
Per Dozen	$2.15	2.60

One-half Dozen in a Box.



Riveted, Raised Pillars with Click, Black Wood Handle.

Brass.		
Nos.	24	26
Capacity, Yards	40	60
Diam. Disk, Inches	2	2¼
Pillar, Inches	1	1
Wt. Dozen About, Lbs.	2¼	2½
Per Dozen	$2.80	3.15
Nickel Plated Brass.		
Nos.	36	38
Capacity, Yards	40	60
Per Dozen	$3.35	3.90

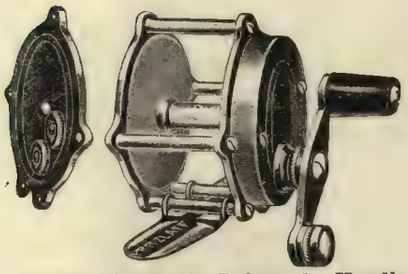
One-half Dozen in a Box.

Polished Brass, Riveted, Raised Pillars, with Click and Ring Clamp, Black Wood Handle.

Nos.	204	206
Capacity, Yards	40	60
Diam. Disk, Inches	2	2¼
Pillar, Inches	1	1
Wt. Dozen About, Lbs.	2¼	2½
Per Dozen	$5.60	6.15

One-half Dozen in a Box.

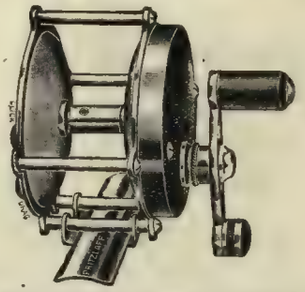
DOUBLE MULTIPLYING



Brass, Screwed Balanced Handle, Raised Pillars, Adjustable Click and Drag.

Nos.	46	48	410
Capacity, Yards	60	80	100
Diam. Disk, In.	2¼	2½	2⅝
Pillar, Inches	1	1⅛	1¼
Wt. Doz. Abt., Lbs.	6	6¼	6½
Per Dozen	$8.15	9.50	11.15

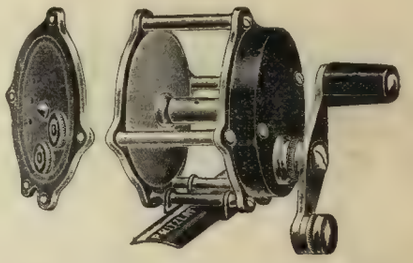
One-twelfth Dozen in a Box.



Nickel Plated Brass, Screwed, Balanced Handle, Raised Pillars, Adjustable Click and Drag on Back Plate.

Nos.	54	56	58	510
Cap'y, Yards	40	60	80	100
Diam. Disk, In.	2	2¼	2½	2⅝
Pillar, In.	1	1	1⅛	1¼
Wt. Dz. Ab. Lb.	6	6¼	6½	7
Per Dozen	$7.80	8.90	10.00	12.25

One-twelfth Dozen in a Box.

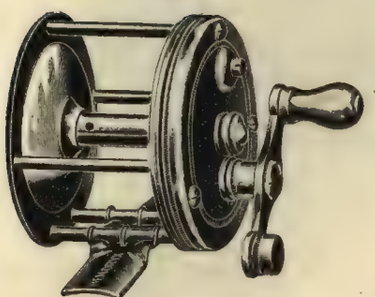


Nickel Plated Brass, Rubber Cap, Screwed, Balanced Handle, Raised Pillars, Adjustable Click and Drag on Back Plate.

Nos.	66	68
Capacity, Yards	60	80
Diam. Disk, Inches	2¼	2½
Pillar, Inches	1	1⅛
Wt. Doz. Abt., Lbs.	6	6½
Per Dozen	$11.15	12.80

One-twelfth Dozen in a Box.

DOUBLE MULTIPLYING



Nos. 0926 and 0927.

Nickel Plated Brass, Screwed, Balanced Handle, Adjustable Back Sliding Click and Front Sliding Drag.

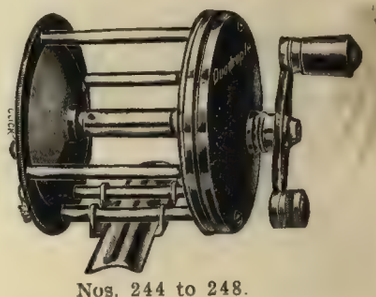
Nos.	0926	0927
Capacity, Yards	60	80
Diameter Disk, Inches	2¼	2½
Pillar, Inches	1⅜	1⅜
Wt. Per Dozen About, Lbs.	7	7½
Per Dozen	$11.15	14.00

One-twelfth Dozen in a Box.

Nickel Plated Brass, Screwed, Balance Handle, Steel Pinion, Inserted Hard Metal Bushing, Adjustable Back Sliding Click and Drag.

Nos.	244	246	248
Capacity, Yards	40	60	80
Diam. of Disk, Inches	2	2¼	2½
Pillar, Inches	1⅝	1⅝	1⅝
Wt. Doz. About, Lbs.	7	7¼	7½
Per Dozen	$14.50	16.15	17.80

One-twelfth Dozen in a Box.

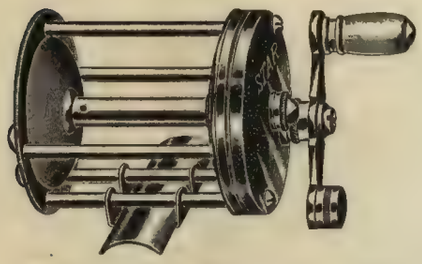


Nos. 244 to 248.

Fishing Reels.

QUADRUPLE MULTIPLYING

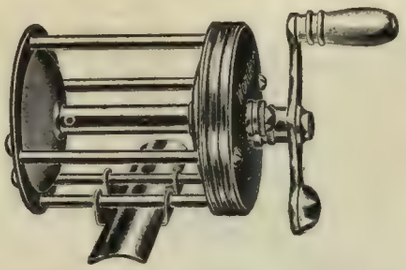
STAR



Nickel Plated Brass, Fancy White Bone Balance Handle, 1⅞ in. Spool, Adjustable Back Sliding Click and Drag.

Nos.	923	924	925
Capacity, Yards	60	80	100
Diam. Disk, In.	2	2¼	2⅜
Wt. Doz. Abt., Lbs.	7	7¼	7½
Per Dozen	$17.25	18.90	20.60

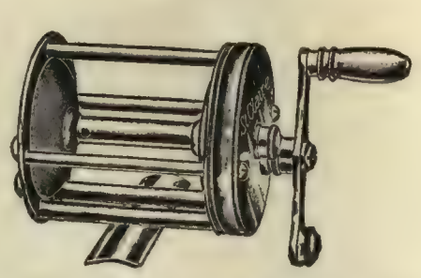
WONDER



Nickel Plated Brass, Fancy Crank and White Bone Balance Handle, Full Top and Bottom Pivots, Oil Cups Over Bearings, 1⅞ in. Spool, Adjustable Back Sliding Click and Drag.

Nos.	933	934	935
Capacity, Yards	60	80	100
Diam. Disk, In.	2	2¼	2⅜
Wt. Doz. Abt., Lbs.	7	7¼	7½
Per Dozen	$20.60	22.80	25.50

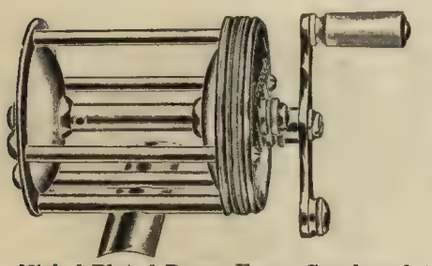
ST. CLAIR



Nickel Plated Brass, Screwed Long White Bone Balanced Handle, Steel Pivots and Pinion, 1⅞ in. Long Spool, Adjustable Back Sliding Click and Drag.

Nos.	156	158
Capacity, Yards	60	80
Diam. Disk, Inches	2	2¼
Wt. Doz. About, Lbs.	8	8¼
Per Dozen	$23.35	26.65

CASCADE



Nickel Plated Brass, Fancy Crank and White Celluloid Handle, Full Steel Pivots, Oil Cups Over Bearings, Steel Axle and Pinion, 1⅞ in. Spool, Adjustable Back Sliding Click and Drag.

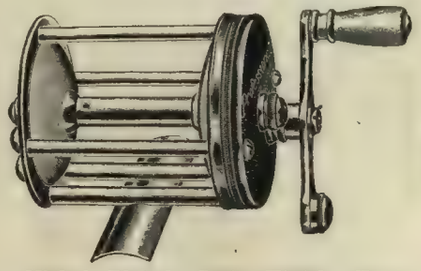
Plain Caps.

Nos.	873	874
Capacity, Yards	60	80
Diam. Disk, Inches	2	2¼
Wt. Doz. About, Lbs.	7	7¼
Per Dozen	$27.75	30.00

Jeweled Caps.

Nos.	8873J	8874J
Capacity, Yards	60	80
Per Dozen	$32.25	34.50

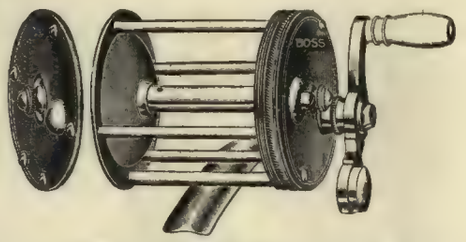
PROFESSIONAL



Nickel Plated, **Satin Finish**, Fancy Crank and White Celluloid Handle, Full Steel Pivots, Oil Cups Over Bearings, Steel Axle and Pinion, 1⅞ in. Spool, Adjustable Back Sliding Click and Drag.

Nos.	973	974
Capacity, Yards	60	80
Diam. Disk, Inches	2	2¼
Wt. Doz. About, Lbs.	7	7¼
Per Dozen	$31.10	34.50

BOSS



Nickel Plated Brass, Screwed, Fancy White Celluloid Balance Handle, Steel Axle, Pivots and Pinions, 1⅞ in. Spool, Adjustable Back Sliding Click and Front Sliding Drag.

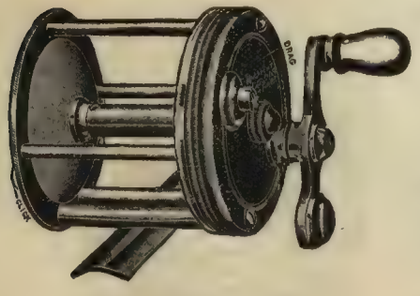
Nos.	756	758
Capacity, Yards	60	80
Diam. Disk, Inches	2	2¼
Wt. Doz. About, Lbs.	8	8¼
Per Dozen	$35.60	40.00

EXPERT

Nickel Plated Brass, Steel Pivots and Pinion, Steel Ratchet and Spring, 1⅝ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click, Front Sliding Drag.

Plain Caps.

Nos.	1752	1753	1754
Capacity, Yards	60	80	100
Diam. of Disk, Inches.	2	2¼	2⅜
Wt. Dozen About, Lbs.	7	7¼	7½
Per Dozen	$42.25	46.65	49.00



Nos. 1752 to 1754.

ACME

Nickel Plated Brass and Rubber Plate, Metal Safety Bands on Edges, Steel Axle, Pivots and Pinion, Metal Bridge for Cog Post, 1⅝ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Drag.

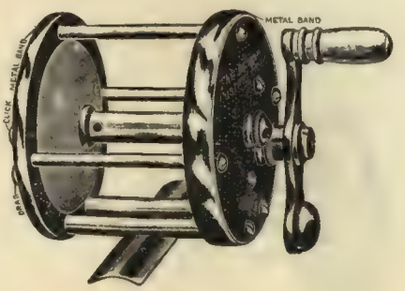
Plain Caps. Per Dozen

No. 408—Capacity 80 Yards, Diameter of Disk 2¼ in., Weight Per Dozen About 7½ Lbs. **$34.50**

Jeweled Caps. Per Dozen

No. 408J—Capacity 80 Yards, Diameter of Disk 2¼ in., Weight Per Dozen About 7½ Lbs. **$40.00**

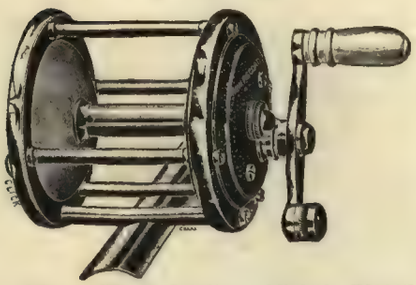
All Above Reels One-twelfth Dozen in a Box.



No. 408.

Fishing Reels.

NEW RECORD

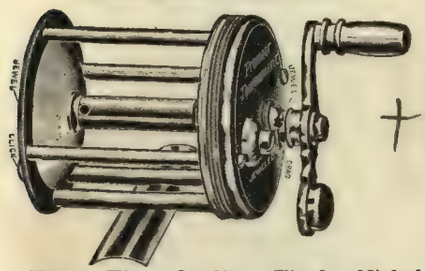


Extra Fine Quality, Nickel Plated Brass and Rubber, with Metal Bound Edges, Steel Axle, Pivots and Pinion, Metal Bridge for Steel Cog Post, Steel Ratchet, Steel Spring, 1⅝ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Drag.

Per Dozen

No. 428—Plain Caps, Capacity 80 Yards, Diameter of Disk 2⅛ in., Weight Per Dozen About 7½ Lbs. **$60.00**

PREMIER CASTING



Extra Fine Quality, Finely Nickel Plated, Satin Finish, Steel Pivots and Pinion, Steel Ratchet and Spring, 1⅞ in. Long Spool, Fancy White Celluloid Balance Handle, Metal Pinion Cover, Front Sliding Drag, Back Sliding Click.

Per Dozen

No. 518J—Jeweled Caps, Capacity 80 Yards, Diameter of Disk 2 in., Weight Each About 11 Oz. **$56.65**

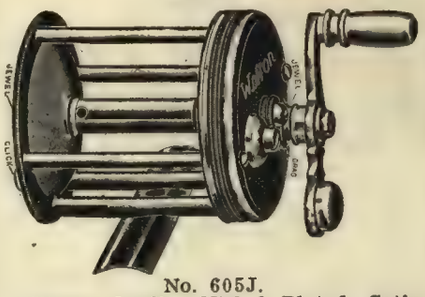
"PFLUEGER REDIFOR" ANTI BACK-LASH

German Silver, Satin Finish, Steel Axles and Pinions, Generated Spiral Tooth Gears, 1⅞ in. Long Spool, Amber Fluted Balance Handle, Phosphor Bronze Bushed Bearings, Adjustable Front Click and Drag, Jeweled Tension Oil Cups.

Each

No. 1433J—Jeweled Caps, Capacity 100 Yards, Diameter Disk 2 in., Weight Each About 10 Oz., in Velvet Lined Jeweler's Display Case **$11.70**

QUADRUPLE MULTIPLYING "WALTON" TOURNAMENT CASTING



No. 605J.

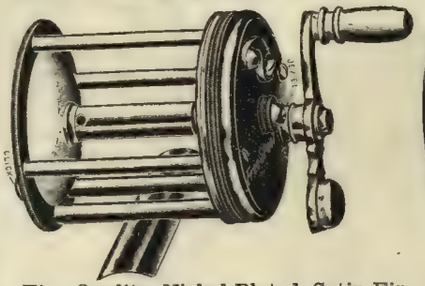
Finest Quality Nickel Plated, Satin Finish, Steel Pivots, Axle, Ratchet and Spring, Plain Bearings, Metal Caps, 1⅞ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Front Drag.

Per Dozen

No. 505—Plain Caps, Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz. **$44.00**

No. 605J—Jeweled Caps, Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz. **53.35**

CLUB FREE SPOOL CASTING

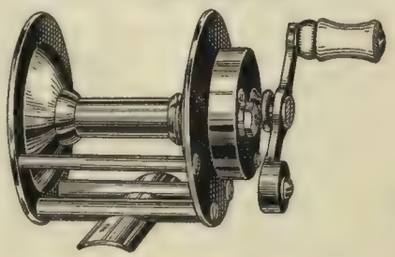


Fine Quality, Nickel Plated, Satin Finish, Steel Axle, Pivots and Pinion, Jeweled Bearings, 1⅞ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Click. The Spool can be Made Free Running by Moving Lever **Down**; to Wind up Line Move Lever **Up.**

Per Dozen

No. 15J—Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz. . **$93.25**

"STOCKFORD" OPEN SPOOL CASTING



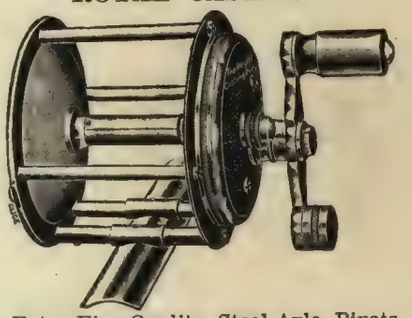
Nickel Plated Brass, Satin Finish, Solid Axle or Pinion Rod, 2 in. Long Spool, Fancy White Balance Handle, Back Sliding Click.

Each

No. 99—Capacity 80 Yards, Diameter of Disk 2⅛ in., Weight Each About 9 Oz. **$9.00**

One in a Box.

ROYAL CASTING



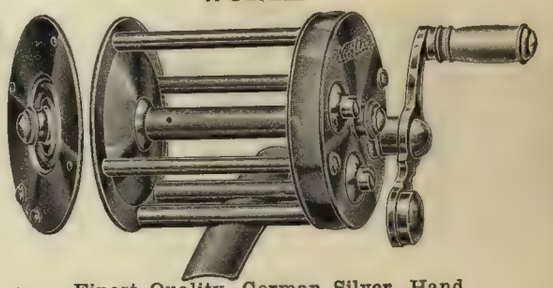
Extra Fine Quality, Steel Axle, Pivots, Pinion and Spring, 1⅝ in. Long Spool, Metal Bridge for Steel Cog Post, Fancy White Celluloid Balance Handle, Combined Adjustable Click and Drag on Back Plate.

Per Dozen

No. 616—Nickel Plated, Plain Caps, Capacity 60 Yards, Diameter of Disk 2⅛ in., Weight Each About 10 Oz. . **$44.50**

No. 616J—Satin Finish, Jeweled Caps, Capacity 60 Yards, Diameter of Disk 2⅛ in., Weight Each About 10 Oz. **56.65**

WORTH

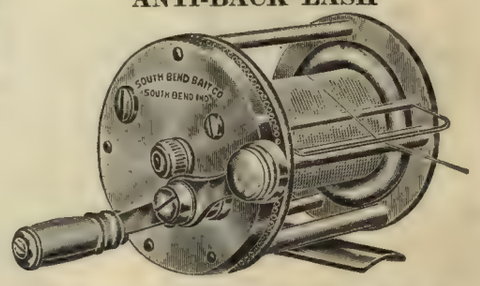


Finest Quality, German Silver, Hand Polished, Satin Finish, Phosphor Bronze Gears and Bearings, 1⅞ in. Spool, Steel Pinions and Pivots, Fancy Ivory Handle, Balanced Crank, Adjustable Front Sliding Click and Drag, Fancy Oil Cups, with Genuine Agate Jewels.

Each

No. 1823J—Capacity 60 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz. . **$10.00**

ANTI-BACK LASH



Solid German Silver Frame, Special Steel Spool and Gear Journals, Accurately Finished in Solid Phosphor Bronzed Bushings, Gear Cut from Hard Drawn Brass, Special Tool Steel Pinion, Fancy Crank, Ivoroid Handle.

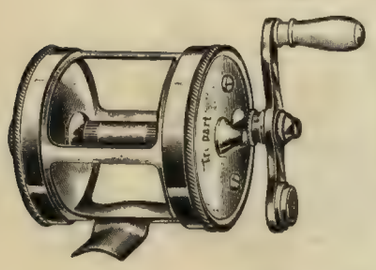
Each

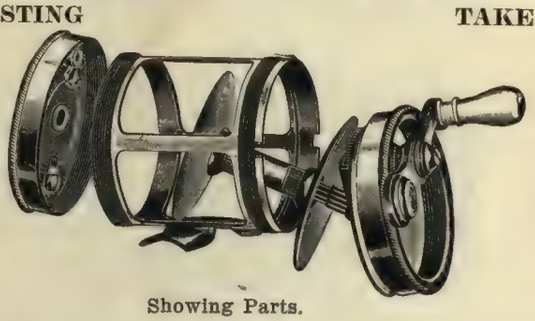
No. 55—Jeweled Caps, Capacity 100 Yards, Diameter of Disk 2 in., Weight ach About 8 Oz. **$11.15**

Fishing Reels.

QUADRUPLE MULTIPLYING

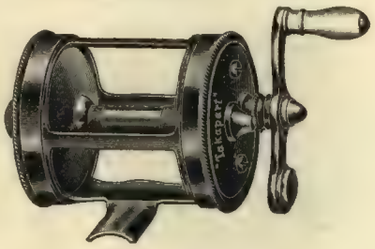
TRI-PART CASTING





Showing Parts.

TAKE-APART, CASTING



Tri-Part.

Nickel Plated Brass Frame and Reel Seat, Satin Finish Ends, German Silver Spool, Steel Pivots and Pinions, Bronze Bearings, Steel Spring and Brass Ratchet Wheel, White Celluloid Balance Handle, Spool 1⅝ in. Wide, 1¾ in. Diameter, Adjustable Click.

Each

No. 35—Capacity 80 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz. **$5.00**

No. 50—Free Spool, Capacity 80 Yards, Diameter of Disk 2 in., Weight Each About 10 Oz. **7.80**

Take-Apart.

Nickel Plated Brass Frame and Reel Seat, Satin Finish Ends, German Silver Spool, Steel Pivots and Pinions, Bronze Bearings, Steel Spring and Brass Ratchet Wheel, White Ivory Balance Handle, Spool 1 5/16 in. Wide, 1¾ in. Diameter, Adjustable Click.

Each

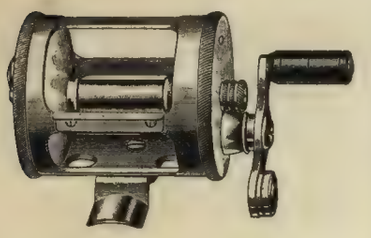
No. 25—Capacity 100 Yards, Diameter of Disk 2 in., Weight Each About 11 Oz. **$6.15**

No. 45—Free Spool, Capacity 100 Yards, Diameter of Disk 2 in., Weight Each About 11 Oz. **8.90**

Tubular Frame and Reel Seat, drawn from one piece plate brass without Solder, Joint or Rivet, German Silver **Spool, Detachable Knurled Head Rings.** To take apart unscrew the Knurled Head Ring at either end, preferably on the Click Side.

B. F. MEEK & SONS

IMPROVED "BLUE GRASS SIMPLEX"

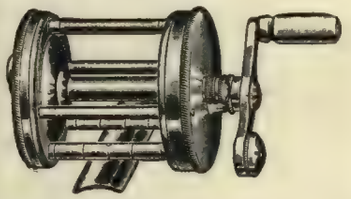


German Silver and Brass, Nickel Plated, One Piece Hard Drawn Brass Rod Gear, Stubs Steel Pinion, Cut on Rod Running through Spool, thus Making Pivots and Pinion One Solid Piece, Pivots are Tempered and Ground, Has **Scrolled Aluminum Thumb Rest,** Oil Tempered Steel, Back Sliding Click Drag.

Each

No. 33—Simplex, Capacity 120 Yards No. 5 Kingfisher Line, Diameter of Spool 1⅝ in., Length of Spool 1⅝ in., Outside of Frame 1¾ in., Weight Each About 9 Oz. **$12.25**

The Frame is made from one piece of seamless tubing, threaded on the interior. The Front Plate is rigidly fixed in Frame and carries bearing for both gears and front pivot of Spool.



German Silver, Imported Stubs' Steel Pinion and Gear Stud, Tempered, Ground and Polished, Oil Tempered Steel Spring and Back Sliding Click.

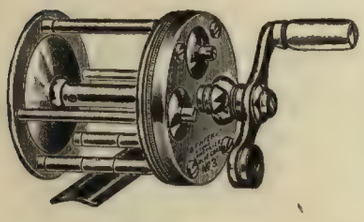
Each

No. 025—Simplex, Capacity 85 Yards No. 5 Kingfisher Line, Diameter of Spool 1⅜ in., Length of Spool 1½ in. Outside Diameter of Frame, 1 13/16 in., Weight Each About 9 Oz. **$16.70**

This Reel can be easily taken apart for cleaning and oiling, by unscrewing Cap at back end and Thumb Nut on front end of Reel. Back Cap has left hand thread to prevent unscrewing when casting.

The front plate is intended to remain in the frame permanently and it is not necessary to remove it to clean and oil the Reel.

"BLUE GRASS" KENTUCKY



No. 03.

Finest German Silver, Spiral Gears, Anti-Friction Bearings, Tempered Tool Steel Pivot and Stud, Screw-Off Cap. Ivory Balance Handle, Click and Drag.

With Plain Bearings.

Each

No. 03—Capacity 120 Yards No. 5 Kingfisher Line, Diameter of End Plate 2 in., Length of Spool 1⅝ in., Weight Each About 10 Oz. **$25.00**

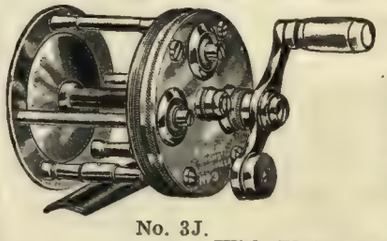
No. 04—Capacity 160 Yards No. 5 Kingfisher Line, Diameter of End Plate 2¼ in., Length of Spool 1⅝ in., Weight Each About 12 Oz. **30.00**

With Jeweled Bearings. Each

No. 03J—Same Description as No. 03 ..... **$33.35**

No. 04J—Same Description as No. 04 ..... **38.35**

GENUINE "MEEK" KENTUCKY



No. 3J.

Most Perfect Reel Made.

Finest German Silver Spiral Gears, Anti-Friction Bearings, Tempered Tool Steel Pivots and Stud, Screw-Off Oil Caps, Ivory Balance **Forward Handle,** Click and Drag.

With Plain Bearings. Each

No. 2—Capacity 85 Yards No. 5 Kingfisher Line, Diameter of End Plate 1¾ in., Length of Spool 1⅝ in., Diameter of Spool Head 1¼ in., Weight Each About 10 Oz. **$43.35**

No. 3—Capacity 120 Yards No. 5 Kingfisher Line, Diameter of End Plate 2 in., Length of Spool 1½ in., Diameter of Spool Head 1½ in., Weight Each About 11 Oz. **43.35**

No. 4—Capacity 160 Yards No. 5 Kingfisher Line, Diameter of End Plate 2¼ in., Length of Spool 1⅝ in., Diameter of Spool Head 1⅝ in., Weight Each About 12 Oz. **46.70**

With Jeweled Bearings. Each

No. 2J—Same Description as No. 2 ..... **$53.35**

No. 3J—Same Description as No. 3 ..... **53.35**

No. 4J—Same Description as No. 4 ..... **56.70**

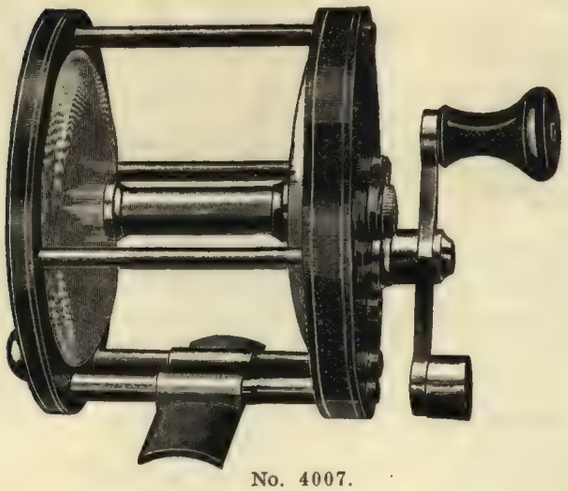
NOTE—Handles at Top or Bottom on Nos. 2, 3 and 4, Add $2.00 to List.

All Above, One in a Box.

Fishing Reels.

MUSCALLONGE TROLLING

DOUBLE MULTIPLYING



No. 4007.

Nickel Plated Frame, Rubber Plates, Steel Pivots, Steel Axle, Spring and Ratchet, Large Fancy Handle, with Click.

Plain Caps.

Nos.	4006	4007	4008	4009
Capacity, Yards	150	200	250	300
Diameter Disk, Inches	2⅞	3⅛	3 5/16	3 7/16
Pillar, Inches	2⅛	2⅛	2⅛	2⅛
Ap. Wt. Per Dozen, Lbs.	10½	11	11½	12
Per Dozen	$53.50	59.50	69.00	77.75

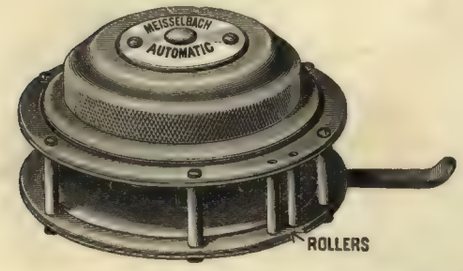
Jeweled Caps.

Nos.	4006J	4007J	4008J	4009J
Capacity, Yards	150	200	250	300
Per Dozen	$62.25	69.00	77.75	88.90

One-twelfth Dozen in a Box.

Automatic Fishing Reels.

MEISSELBACH



Aluminum Frame, Hard Brass and Tempered Steel Working Parts, Working in German Silver Bearings, Finest Tempered Steel Spring, Carbon Steel Main Shaft.

Each

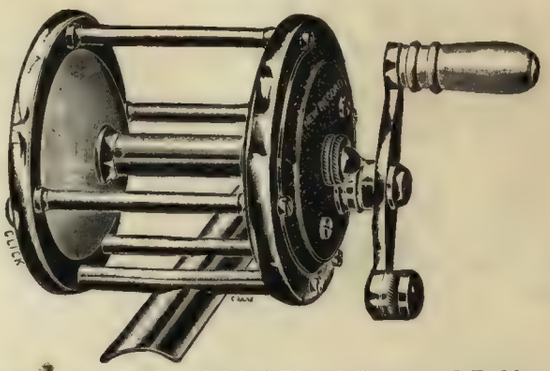
No. 12—Capacity 100 Yards No. 5 Line, Size of Spool 3 in. Diameter, ¾ in. Wide, Weight Each About 11 Oz. $5.00

This Reel has an exclusive feature in a Safety Winding Device which allows the spring to be wound up at any time when line is in or out by turning the Milled Spring Box without danger of over-winding.

Spool has Friction Release, allowing stripping of spool under all conditions. Spool is fitted with Safety Release which allows the spool to be run at any speed without any fear of injuring the mechanism.

One in a Box.

QUADRUPLE MULTIPLYING



Extra Fine Quality, Nickel Plated Brass and Rubber with Metal Bound Edges, Steel Axle, Pivots and Pinion, Metal Bridge for Steel Cog Posts, Steel Ratchet, Steel Spring, 1⅝ in. Long Spool, Fancy White Celluloid Balance Handle, Adjustable Back Sliding Click and Drag.

Jeweled Caps.

Per Dozen

No. 430J—Capacity 150 Yards, Diameter of Disk 2½ in., Weight Per Dozen About 10 Lbs. $86.50

One-twelfth Dozen in a Box.

Thumb Brakes.

Leather Faced with Rawhide, German Silver Metal Clasp.

Per Dozen

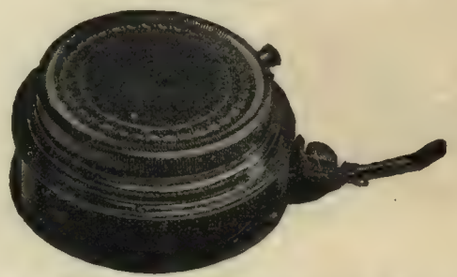
No. 2—Length of Leather 1⅞ in., Width at Top of Leather 1⅝ in., Width at Bottom of Leather 1¼ in., Width of Clasp 1 13/16 in., Weight Per Dozen About ½ Lb. $5.00

Will fit Nos. 4006 to 4008 and Nos. 4006J to 4008J Reels. The Metal Clasp is left open so as to permit of adjusting to any size reel.

One Dozen in a Box.

Automatic Fishing Reels.

MARTIN'S



Aluminum Drum Reinforced on the Inner Rim by a Collar of Hard Brass, Knurled in, Best Grade Spring Steel Main Spring, Tempered, Aluminum Back and Posts, Brass and German Silver Wearing Parts, Brass Line Spool, Brass Parts Nickel Plated, Aluminum Polished.

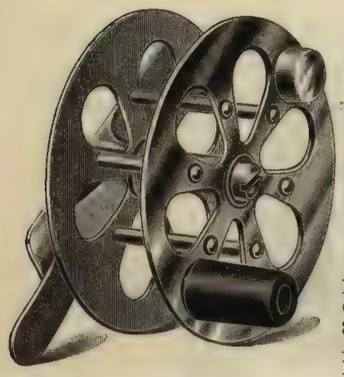
Each

No. 1A—**Creek Whipper,** Trout, Line Spool 2¾ in. Diameter, ⅞ in. Hub, 5/16 in. Wide, Holds 25 Yards Medium Line, Weight Each About 8 Oz. $6.75

No. 2 —**Fly Casting,** Line Spool 2¾ in. Diameter, ⅞ in. Hub, ⅞ in. Wide, Holds 30 Yards Casting Line, Fitted with Lock Brake which Throws the Finger Lever Out and Makes Free Running Spool, Weight Each About 8 Oz. 7.25

One in a Box.

Fishing Reels.



No. 8.

AMATEUR, TROUT

Single Action, Nickel Plated, Perforated Sides, Steel Bearings, with Side Drag.

Per Dozen

No. 8—Capacity 60 Yards, 2¼x¾ in. Spool, Weight Each About 2½ Oz. **$6.75**

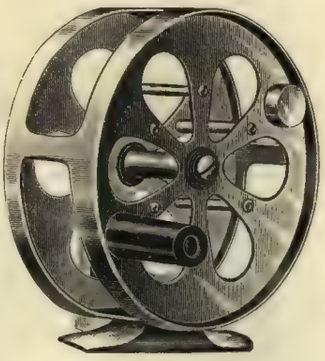
This Reel attaches to side of Rod and is a very low priced Trout Reel.

EXPERT

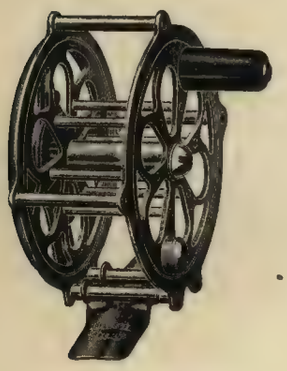
Single Action, Nickel Plated Brass, Perforated Sides, Steel Bearings, Riveted, Patented Compensating Pawl, Improved Back Sliding Click.

Nos.	19	17
Capacity, Yards	60	100
Size Spool, Inches	2¼x¾	3x1
Ap. Weight Each, Oz.	4½	6½
Per Dozen	**$32.00**	**40.00**

No. 19, Trout Size; No. 17, Bass Size.



Nos. 19 and 17.



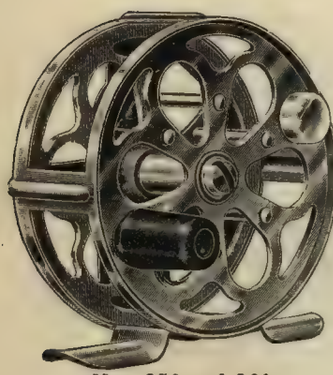
Nos. 1183 and 1184.

PROGRESS

Single Action, SATIN GUN METAL FINISH, Raised Pillar, "One Piece" Perforated Back Plate, Perforated Removable Spool, Steel Axle. Adjustable Back Sliding Tempered Steel Click, Hard Rubber Handle.

Nos.	1183	1184
Capacity, Yards	60	80
Pillar, Inches	¾	1
Diameter of Disk, Inches	2¾	2¾
Ap. Weight Each, Oz.	3½	4
Per Dozen	**$17.25**	**17.80**

One-twelfth Dozen in a Box.



Nos. 250 and 260.

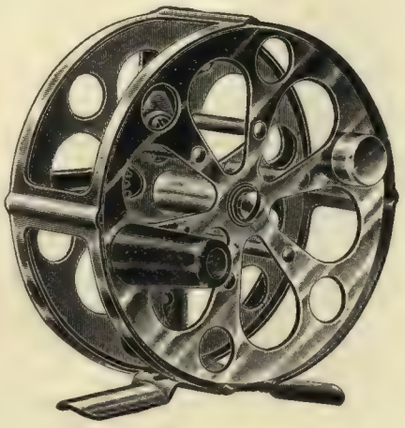
FEATHERLIGHT

Single Action, Nickel Plated, One Piece Frame, Removable Spool, Back Sliding Double Pointed Hardened Steel Click, Steel Spindle.

Nos.	250	260	290
Capacity, Yards	40	60	100
Size Spool, Inches	1¾x¾	2¼x¾	3x1
Ap. Weight Each, Oz.	2⅛	3	5
Per Dozen	**$14.75**	**17.35**	**23.75**

No. 250 is Trout Size; No. 260, Bass Size, and No. 290, Pickerel Size.

One-twelfth Dozen in a Box.



No. 290.

Line Dressing.

Put Up in Screw Top Cans.

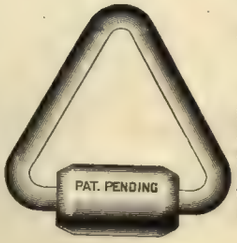
Per Dozen

Kingfisher—Prepared Especially for Oiled and Enameled Lines, Weight Per Dozen About 2 Lbs. **$4.50**

One Dozen in a Box, with Full Directions for Using on Each Can.

Line Releaser.

Cut Full Size.



Per Dozen

No. 1—Dirigo Fish Line Releaser, Polished Brass **$5.00**

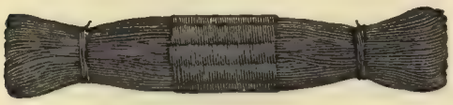
Directions.

Fasten enough strong line firmly to side of releaser. Open releaser by unlocking weight, pass over fish line, close, and allow to descend rapidly over fish line. When releaser will strike entangled hook forcibly, it will generally release the fastened hook.

Open Stock.

Fishing Lines.

IN HANKS



Twisted Drab Cotton.
15 Foot Hanks, 12 Connected.

	Per Gross
No. 2—Size 2	$1.25
No. 3—Size 3	1.35
No. 4—Size 4	1.55
No. 5—Size 5	1.80
No. 6—Size 6	1.90

Average Weight Per Gross About 1 Pound.
One-half Gross in a Box.

Twisted Drab Pure Linen.
15 Foot Hanks, 12 Connected.

	Per Gross
No. 212—Size 2	$2.80
No. 213—Size 3	3.15
No. 214—Size 4	3.35
No. 215—Size 5	3.90
No. 216—Size 6	4.25
No. 218—Size 8	5.25

Average Weight Per Gross About 1½ Pounds.
One-half Gross in a Box.

Braided, Best Pure Linen, Natural Gray Color.
25 Foot Hanks, 12 Connected.

	Per Gross
No. 222—Size 2	$9.35
No. 223—Size 3	9.35
No. 224—Size 4	9.35
No. 225—Size 5	9.35
No. 226—Size 6	9.35

Average Weight Per Gross About 2½ Pounds.
One-half Gross in a Box.

Genuine Combed, Braided Sea Island Cotton.
Variegated Green Color.

15 Foot Hanks, 12 Connected.

	Per Gross
No. 233—Size 3	$3.00
No. 234—Size 4	3.00
No. 235—Size 5	3.00

25 Foot Hanks, 12 Connected.

	Per Gross
No. 243—Size 3	$5.00
No. 244—Size 4	5.00
No. 245—Size 5	5.00

Average Weight Per Gross About 2 Pounds.
One-half Gross in a Box.

GENUINE COMBED, BRAIDED SEA ISLAND COTTON, TROLLING

Size 000
Size 00
Size 0
Size 1
Size 2
Size 3
Size 4
Size 5
Size 6

Genuine Combed, Extra Quality Egyptian Stock.

Three Ply, Braided in 8 Strands, VARIEGATED GREEN Color.
84 Foot Hanks, 2 Connected.

	Per Dozen
No. 248—Size 000	$2.15
No. 249—Size 00	1.90
No. 250—Size 0	1.60
No. 251—Size 1	1.35
No. 252—Size 2	1.25
No. 253—Size 3	1.00
No. 254—Size 4	1.00
No. 255—Size 5	1.00
No. 256—Size 6	1.00

Three Ply, Electric Braided in 8 Strands.
Black and White Mottled.
84 Foot Hanks, 2 Connected.

No. 0250—Size 0	$1.90
No. 0251—Size 1	1.60
No. 0252—Size 2	1.45
No. 0253—Size 3	1.35
No. 0254—Size 4	1.35
No. 0255—Size 5	1.35
No. 0256—Size 6	1.35

Average Weight Per Dozen About 1¼ Pounds.
One Dozen in a Box.

FLAMBEAU BRAIDED COTTON, TROLLING

Special Hard Braided 48 Thread Long Staple Sea Island Cotton, **Mottled Black and Yellow.**

Size 1
Size 0
Size 00

25 Yards on a Card, 4 Connected.

	Per 100 Yards
No. 135—Size 1	$0.90
No. 136—Size 0	1.00
No. 137—Size 00	1.15

Weight Per 100 Yards About ¾ Pound.
500 Yards in a Box.

BRAIDED COTTON, STURGEON

Light Green Color.

Size 1
Size 2

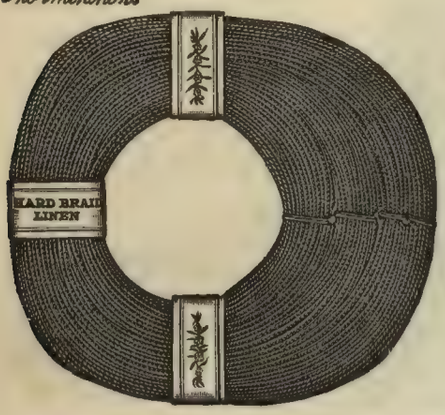
150 Foot Coils, 2 Connected.

	Per Dozen
No. 111—Size 1	$ 8.90
No. 112—Size 2	10.60

Weight Per Dozen About 8 Pounds.
One-half Dozen in a Box.

Fish Lines.

BEST, PURE, HARD BRAIDED LINEN TROLLING



Natural Gray Color. 25 Yard Coils, 4 Connected.

	Per 100 Yards
No. 259—Size 2–0	**$1.25**
No. 260—Size 1–0	**1.15**
No. 261—Size 1	**1.05**
No. 262—Size 2	**1.05**
No. 263—Size 3	**1.05**
No. 264—Size 4	**1.05**

Average Weight Per 1000 Yards About 2½ Pounds.

Five Hundred Yards in a Box.

GENUINE IRISH LINEN

Nos. 271 to 273.

Natural Gray and Dark Green Colors.
50 Foot Coil on a Card, 4 Connected.

	Per Dozen
No. 271—Size 1	**$1.15**
No. 272—Size 2	**1.25**
No. 273—Size 3	**1.35**

Tested Strength.

Nos.	271	272	273
Pounds	12	18	24

Average Weight Per Dozen About 8 Ounces.
One Dozen in a Box.

"SHAMROCK" BRAIDED LINEN

Natural Gray and Variegated Colors.
25 Yard Coils on a Card, 4 Connected.

	Per Dozen
No. 283—Size E	**$2.80**
No. 284—Size F	**2.80**
No. 285—Size G	**2.80**

Tested Strength.

Nos.	283	284	285
Pounds	18	13	10

Average Weight Per Dozen About 9 Ounces.
One Dozen in a Box.

Nos. 283 to 285.

"BLACK CROW" BRAIDED LINEN

Specially Selected Linen, Braided, Solid Black Color, a Very Popular Seller.
25 Yards on a Card, 4 Connected.

	Per Dozen
No. BF—Size F	**$2.80**
No. BG—Size G	**2.80**

Tested Strength.

Nos.	BF	BG
Pounds	15	12

Average Weight Per Dozen About 8 Ounces.
One Dozen Coils in a Box.

"FISHERMAN'S DELIGHT"

Highest Quality Irish Linen, WATERPROOF, Natural Gray and Dark Green Colors.
50 Foot Coil on a Card, 6 Connected.

	Per Dozen
No. 99—Size 9	**$2.75**
No. 122—Size 12	**3.00**
No. 155—Size 15	**3.35**
No. 188—Size 18	**3.90**

Tested Strength.

Nos.	99	122	155	188
Pounds	18	24	30	36

Average Weight Per Dozen About 8 Ounces.
One Dozen in a Box.

Fish Lines.

The Pflueger Stuff — No Imitations

"SURE CATCH," BRAIDED SEA ISLAND COTTON

Olive Green Color.

40 Feet Coil on a Card, 4 Connected.

Nos. 293 to 296.

	Per Dozen
No. 293—Size 3	$0.80
No. 294—Size 4	.80
No. 295—Size 5	.80
No. 296—Size 6	.80

Average Weight Per Dozen About 8 Oz.

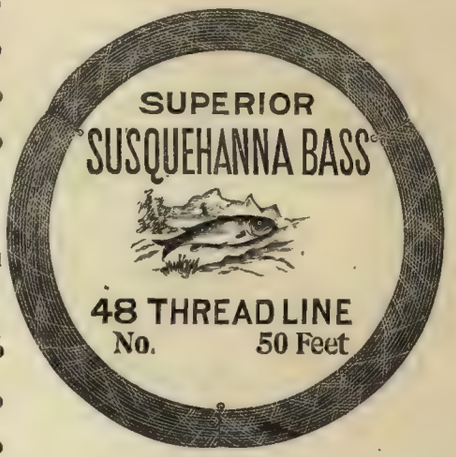
"SUSQUEHANNA BASS," BRAIDED

Drab Color, 48 Thread with 3 Ply Twisted Core.

50 Feet Coil on a Card, 4 Connected.

	Per Dozen
No. 93—Size 3	$1.70
No. 94—Size 4	1.70
No. 95—Size 5	1.70
No. 96—Size 6	1.70

Average Weight Per Dozen About 8 Oz.
One Dozen in a Box.



Nos. 93 to 96.

"CRIMSON RAMBLER," BRAIDED LISLE THREAD

48 Thread, Extra Process.

60 Feet Coil on a Card, 4 Connected. Unexcelled in Quality, Dark Green Water Color, Slightly Variegated with Red Giving it a Striking Appearance.

No. 275 to 277.

	Per Dozen Cards
No. 275—Size B	$2.25
No. 276—Size C	2.25
No. 277—Size D	2.25

Average Weight Per Dozen About 8 Oz.
One Dozen Cards in a Box.

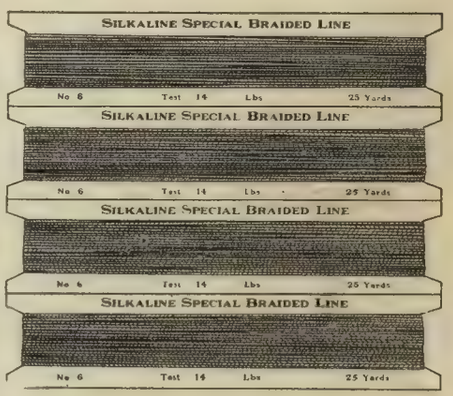
"SILKALINE SPECIAL" BRAIDED COTTON

Highest Grade Cotton, Nicely Braided.

Brown and Green, Green and Red, Bright Green and Brown Colors.
25 Yards on a Block, 4 Connected.

	Per 100 Yards
No. 464—Size 4	$0.50
No. 465—Size 5	.50
No. 466—Size 6	.50

Aver. Weight Per 1000 Yards 1¼ Lbs.
Five Hundred Yards in a Box.



Nos. 464 to 466.

GENUINE COMBED SEA ISLAND BRAIDED COTTON

Variegated Green Colors.
25 Yards on a Block, 4 Connected.

	Per 100 Yards
No. 303—Size 3	$0.50
No. 304—Size 4	.50
No. 305—Size 5	.50
No. 306—Size 6	.50

Average Weight Per 1000 Yards About 1½ Pounds.
Five Hundred Yards in a Box.

COMBED EGYPTIAN COTTON, BRAIDED LISLE THREAD

Variegated Colors.
25 Yards on a Block, 4 Connected.

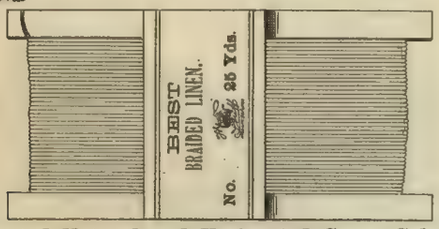
	Per 100 Yards
No. 312—Size D	$0.60
No. 313—Size E	.60
No. 314—Size F	.60
No. 315—Size G	.60

Average Weight Per 1000 Yards About 1½ Pounds.
Five Hundred Yards in a Box.

Fish Lines.

The Stuff — No Imitations

BRAIDED BEST PURE LINEN



Assorted Natural and Variegated Green Colors.

25 Yards on a Block, 4 Connected.

	Per 100 Yards
No. 333—Size 3.	$0.80
No. 334—Size 4.	.80
No. 335—Size 5.	.80

Average Weight Per 1000 Yards About 2½ Pounds.

Five Hundred Yards in a Box.

"GENUINE CUTTYHUNK"

Highest Quality Imported Irish Linen, Natural Gray and Dark Green Colors.

50 Yards on a Block.

	Per Dozen
No. 9—Size 9.	$ 6.00
No. 12—Size 12.	6.50
No. 15—Size 15.	8.00
No. 18—Size 18.	10.00

Tested Strength.

Nos.	9	12	15	18
Pounds	18	24	30	36

Average Weight Per Dozen About 1½ Pounds.

One Dozen in a Box.

"CRIMSON RAMBLER," BRAIDED LISLE THREAD

48 Thread, Extra Process.

50 Feet on a Spool, 4 Connected.

Unexcelled in Quality, Dark Green Color, Slightly Variegated with Red, Giving it a Striking Appearance.

	Per Dozen Spools
No. 354—Size B.	$2.15
No. 355—Size C.	2.15

Nos. 354 and 355.

"ILIUM," BRAIDED LISLE THREAD

48 Thread, Electric Braided.

50 Feet on a Spool, 4 Connected.

Extra Quality, Hard Braided, Black and White Color.

	Per Dozen Spools
No. 363—Size 3.	$1.60
No. 364—Size 4.	1.60
No. 365—Size 5.	1.60

Average Weight Per Dozen Spools About 4 Pounds.

One Dozen Spools in a Box.

Nos. 363 to 365.

"THREE LAKES" LINEN BASS

Natural and Dark Green Color.

50 Yards on a Spool, 2 Connected.

	Per Dozen Spools
No. 90—Size 9.	$ 6.00
No. 120—Size 12.	6.50
No. 150—Size 15.	8.00
No. 180—Size 18.	10.00

Tested Strength.

Nos.	90	120	150	180
Pounds	18	24	30	36

Average Weight Per Dozen Spools About 3 Lbs.

One-half Dozen Spools in a Box.

Nos. 90 to 180.

"KILDARE," BRAIDED LINEN

Highest Quality.

50 Yards on a Spool, 2 Connected.

	Per Dozen Spools
No. 34—Sea Green Color, Heavy.	$8.35
No. 35—Sea Green Color, Medium.	8.10
No. 36—Gray and Green Mottled Colors, Light	7.80

Tested Strength.

Nos.	34	35	36
Pounds	40	26	16

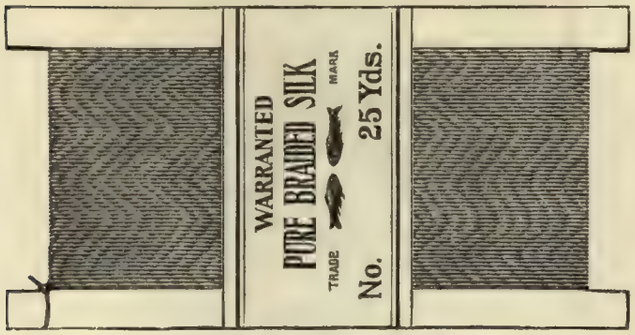
Average Weight Per Dozen Spools About 4 Lbs.

One-sixth Dozen Spools in a Box.

Nos. 34 to 36.

Fish Lines.

STANDARD BRAIDED, FINISHED SILK



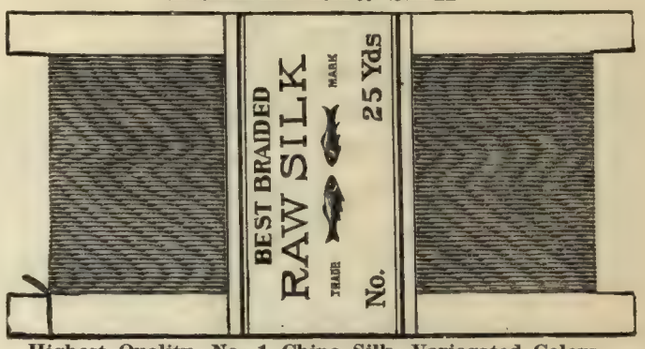
Finely Finished, Variegated Colors.

25 Yards on a Block, 4 Connected.

	Per 100 Yards
No. 63—Size 3	$2.25
No. 64—Size 4	1.80
No. 65—Size 5	1.45

Average Weight Per 1000 Yards About 2¼ Pounds.

BRAIDED RAW SILK



Highest Quality, No. 1 China Silk, Variegated Colors.

25 Yards on a Block, 4 Connected.

	Per 100 Yards
No. 53—Size 3	$2.80
No. 54—Size 4	2.25
No. 55—Size 5	1.70

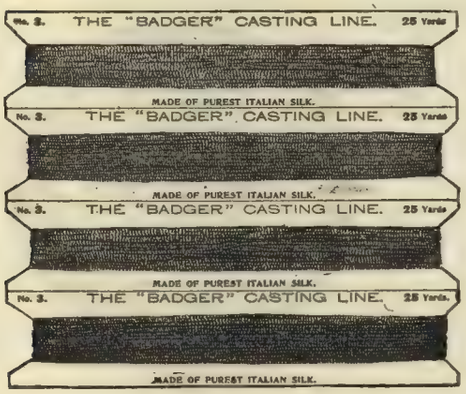
Tested Strength.

Nos.	53	54	55
Pounds	24	18	14

Average Weight Per 1000 Yards About 2¼ Pounds.

Five Hundred Yards in a Box.

"BADGER," SOLID BRAIDED SILK



Highest Quality Selected Stock.

Tested Strength.

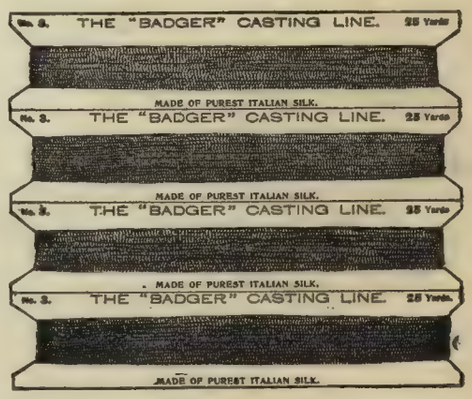
Nos. 01½ and 015—12 Lbs.
Nos. 03½ and 016—17 Lbs.
Nos. 05½ and 019—23 Lbs.
Nos. 06 and 021—30 Lbs.

25 Yards on a Card, 4 Connected.

	Per 100 Yards
No. 01½—Size 1½	$1.90
No. 03½—Size 3½	2.25
No. 05½—Size 5½	2.80
No. 06 —Size 6	3.70

Nos. 01½, 03½ and 06 are Black and White Mottled.
No. 05½ is Solid Dark Brown Color.
Five Hundred Yards in a Box.

"BADGER," WATERPROOF SOLID BRAIDED SILK



25 Yards on a Card, 4 Connected.

	Per 100 Yards
No. 015—Size 15	$2.80
No. 016—Size 16	3.70
No. 019—Size 19	3.70
No. 021—Size 21	5.60

Nos. 015 and 016 are Dark Brown Mottled Color.
Nos. 019 and 021 are Light Brown Mottled Color.
Five Hundred Yards in a Box.

Average Weight Per 1000 Yards About 2 Pounds.

SEA GRASS

Nos. 100 to 300.

Natural Color, Sea Grass, Twisted Silk.

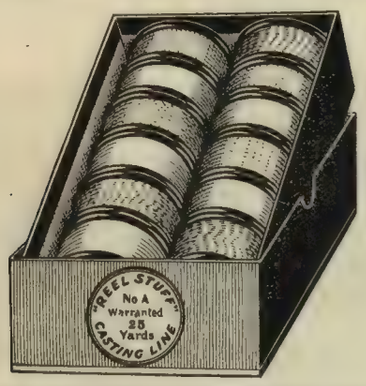
25 Feet Hanks, 12 Connected.

	Per Gross
No. 100—Size 1	$13.35
No. 200—Size 2	16.70
No. 300—Size 3	22.25

Average Weight Per Gross About 1½ Pounds.
One-half Gross in a Box.

Fish Lines.

BRAIDED SILK CASTING LINE ASSORTMENT



Made of Choicest Japan Silk, in Assorted Beautiful Colors, and are Ready Sellers.

25 Yards on a Spool, **Not** Connected.

Per Assortment

No. A Assortment—Contains 12 Spools of Beautiful Colored Lines, Weight Per Assortment About 1½ Lbs. **$5.60**

One Assortment in a Box. **Do Not Break Boxes.**

"ITALIAN QUEEN," CASTING

Square Braided, Extra Quality Italian Silk, Brown and Red Mottled.

50 Yards on a Spool, 2 Connected.

Per 100 Yards

No. 311—Small Size **$2.80**

No. 411—Medium Size **3.90**

Tested Strength.

Nos.	311	411
Pounds	18	28

Average Weight Per 1000 Yards About 2½ Pounds.
Five Hundred Yards in a Box.

The above Lines are Braided Square and because of this shape they wind more like tape, thereby lessening the chance of Backwinding on Reel.

"BLUE RIBBON," SPECIAL WATERPROOF CASTING

Square Solid Braided, Very High Quality Selected Japan Silk, Especially Prepared for this Line, Black and White Mottled Color.

50 Yards on a Spool, 2 Connected.

Per 100 Yards

No. 643—Size 3 ..... **$3.90**
No. 644—Size 4 ..... **3.35**
No. 645—Size 5 ..... **2.80**

Tested Strength.

Nos.	643	644	645
Pounds	26	20	15

Average Weight Per 1000 Yards 3 Pounds.
One Hundred Yards in a Box.

Nos. 643 to 645.

"OUR OWN," BASS CASTING

Highest Quality Pure White Japan Silk, Hard Braided on 3-Ply Twisted Silk Core.

50 Yards on a Spool, 2 Connected.

Per 100 Yards

No. 130 ..... **$4.50**

No. 140 ..... **5.00**

Tested Strength.

Nos.	130	140
Pounds	23	28

Average Weight Per 1000 Yards About 3 Pounds.
One Hundred Yards in a Box.

Nos. 130 and 140.

"HERCULES," BASS CASTING

Highest Quality Pure Japan Silk, White and Black Mottled, Hard Braided on 3-Ply Twisted Silk Core.

50 Yards on a Spool, 2 Connected.

Per 100 Yards

No. 000— **$4.50**

No. 0000— **5.00**

Tested Strength.

Nos.	000	0000
Pounds	23	28

Average Weight Per 1000 Yards About 3 Pounds.

Nos. 000 and 0000.

"HERCULES," MUSCALLONGE

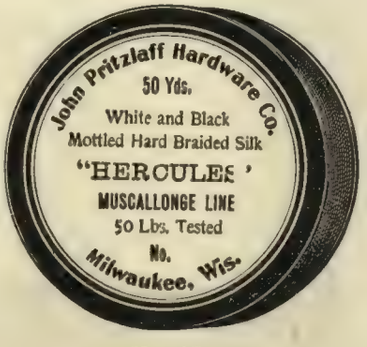
Highest Quality Pure Japan Silk, White and Black Mottled, Hard Braided on 4-Ply Twisted Silk Core.

50 Yards on a Spool, 2 Connected.

Per 100 Yards

No. 07— **$6.75**

Tested Strength 50 Pounds.
Average Weight Per 1000 Yards About 4 Pounds.
One Hundred Yards in a Box.



No. 07.

Fish Lines.

BRAIDED SILK CASTING

"WALTON"

Finest Quality Japan Silk, **Braided Silk Core,** with Hard Braided Silk Cover, Making it a **Double Braided Line.** White and Black Mottled.

50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 40—Light Bass	**$3.90**
No. 40—Medium Bass	**4.50**

Tested Strength.

Nos.	40	41
Pounds	20	23

For its size this is the Strongest and Most Perfect Line on the market.

Average Weight Per 1000 Yards About 3 Pounds.

One Hundred Yards in a Box.

"INVINCIBLE"

High Standard No. 1 Hard Braided Japan Silk, **Waterproof,** Solid Black Color.

50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. B11—	**$3.35**
No. B12—	**3.90**
No. B13—	**4.50**

Tested Strength.

Nos.	B11	B12	B13
Pounds	18	24	30

Average Weight Per 1000 Yards About 3 Pounds.

One Hundred Yards in a Box.

"WESTERN KING"

Hard Braided Black Silk, **Waterproof,** Extra Strong.

50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. B1—	**$3.35**
No. B2—	**3.90**
No. B3—	**4.50**

Tested Strength.

Nos.	B1	B2	B3
Pounds	18	24	30

Aver. Wt. Per 1000 Yards About 3 Lbs.

One Hundred Yards in a Box.

"SPIRIT LAKE"

Hard Braided Japan Silk, Black Color, **Waterproof,** Extra Strong.

	Per 100 Yards
No. S-1—	**$3.35**
No. S-2—	**3.90**
No. S-3—	**4.50**

Tested Strength.

Nos.	S-1	S-2	S-3
Pounds	18	24	30

Aver. Wt. Per 1000 Yards About 3 Lbs.

One Hundred Yards in a Box.

"LITTLE WONDER"

Highest Grade Japan Hard Braided Silk, Black and White Mottled, Especially Braided for Us.

25 Yards on a Spool, 4 Connected.

	Per 100 Yards
No. 50—Size 0..	**$2.25**
No. 51—Size 1..	**2.80**
No. 52—Size 2..	**3.35**

Tested Strength.

Nos.	50	51	52
Pounds	14	18	22

Aver. Wt. Per 1000 Yards About 3 Lbs.

One Hundred Yards in a Box.

"WATER KING," HARD BRAIDED SILK

A Very Close, Hard Braided Line, Made of the Best Obtainable Selected Japan Silk, Braided on a 3-Ply Silk Core, Will Not Run Flat with Ordinary Use. Guaranteed to be the Best Line of its Size Made.

50 Yards on a Spool, 2 Connected.

	Per 100 Yards
Brown Color.	
No. 0124—Tested Strength 18 Lbs.	**$4.50**
No. 0123—Tested Strength 23 Lbs.	**4.80**
No. 0122—Tested Strength 28 Lbs.	**5.00**
Light Green Color.	
No. 0144—Tested Strength 18 Lbs.	**$4.50**
No. 0143—Tested Strength 23 Lbs.	**4.80**
No. 0142—Tested Strength 28 Lbs.	**5.00**
Green and Black Mottled.	
No. 0174—Tested Strength 18 Lbs.	**$4.50**
No. 0173—Tested Strength 23 Lbs.	**4.80**
No. 0172—Tested Strength 28 Lbs.	**5.00**

Average Weight Per 1000 Yards About 3 Pounds.

One Hundred Yards in a Box.

Fish Lines.

KINGFISHER

SILVER, BRONZE, BLACK, GREEN AND WHITE KING

Size A— ——— Tested Strength 12 Lbs.
Size B— ——— Tested Strength 16 Lbs.

In Solid Colors.
50 Yards on a Spool 2 Connected.
Very Fine Trout Lines.

	Per 100 Yards
No. 700—Size A, Silver King, Silver Color	$1.95
No. 701—Size B, Silver King, Silver Color	2.25
No. 702—Size A, Bronze King, Bronze Color	1.95
No. 703—Size B, Bronze King, Bronze Color	2.25
No. 704—Size A, Black King, Black Color	1.95
No. 705—Size B, Black King, Black Color	2.25
No. 706—Size A, Green King, Green Color	1.95
No. 707—Size B, Green King, Green Color	2.25
No. 708—Size A, White King, White Color	1.95
No. 709—Size B, White King, White Color	2.25

The Silk used in these Lines is the very best, especially Twisted and Braided strictly for Bait Casting purposes. Cannot be surpassed by any on the market.

ITALIAN CASTING AND TROLLING

Medium Hard Braided Silk, Tan Color, with Green Stripe.
50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 87—Size 3	$3.90
No. 88—Size 4	3.15
No. 89—Size 5	2.70

Tested Strength			
Nos.	87	88	89
Pounds	23	18	12

"CHESTER" BAIT CASTING

Extra Hard Braided Silk, White, with Fine Black Check.
50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 715—Size H	$3.15
No. 720—Size G	3.80
No. 725—Size F	4.70

Tested Strength.			
Nos.	715	720	725
Pounds	15	20	25

BRAIDED SILK, PLAIN "EXTRA STRENGTH"

Closely Braided, Smooth Running, Drab, with Black Check
25 Yards on a Spool, 4 Connected.

	Per 100 Yards
No. 1577—Size 7	$2.40
No. 1566—Size 6	3.15
No. 1555—Size 5	3.90
No. 1544—Size 4	4.70
No. 1533—Size 3	5.50

Tested Strength.					
Nos.	1577	1566	1555	1544	1533
Pounds	14	16	21	28	32

"HIGHEST GRADE" BAIT CASTING

Black and White Mottled.
50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 67—Tested Strength 8 Lbs., for Professional Weight Casting	$2.60
No. 57—Tested Strength 12 Lbs., for Regular Bait Casting	2.50
No. 47—Tested Strength 16 Lbs., for Regular Bait Casting	2.90
No. 37—Tested Strength 23 Lbs., for Regular Bait Casting	3.70
No. 27—Tested Strength 28 Lbs., for Regular Bait Casting	4.50
No. 17—Tested Strength 40 Lbs., for Muscallonge	5.15

This Line is made of Japan Finished Silk, specially selected and prepared for Bait Casting purposes.

Nos. 67 to 17.

Nos. 85 and 86.

"SLICKEST BRAIDED SILK CASTING

Braided Italian Silk, Drab and Red Mottled Colors.
50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 85—Size E	$3.70
No. 86—Size G	3.00

Tested Strength.		
Nos.	85	86
Pounds	26	18

Average Weight Per 1000 Yards About 3 Pounds.
All Above, 100 Yards in a Box.

NOTE—We will supply to order any Line of Kingfisher Brand not found listed in our Catalog. Samples on Application.

Fish Lines.

"KINGFISHER"

"SILVER SHEEN," BRAIDED SILK

Nos. 615 to 635.

Beautiful Silver Lustre, Made of Hard and Close Braided Japan Silk, Braided on a 2 Ply Silk Core, Made to Wear, Not for Speed.

50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 615—Tested Strength 15 Lbs.	$3.15
No. 625—Tested Strength 25 Lbs.	3.90
No. 635—Tested Strength 35 Lbs.	5.50

"SPECIAL" WATERPROOF SILK, BAIT CASTING

Black and White Mottled, Highest Grade Japan Silk, Thoroughly Waterproofed by a Special Process, One of the Best Waterproof Bait Casting Lines Made.

50 Yards on a Spool, 2 Connected.

	Per 100 Yards
No. 551—Tested Strength 12 Lbs.	$2.70
No. 541—Tested Strength 16 Lbs.	3.15
No. 531—Tested Strength 23 Lbs.	3.90

Average Weight Per 1000 Yards 3 Pounds.

One Hundred Yards in a Box.

Nos. 551 to 531.

BLACK, "EXTRA STRENGTH," WATERPROOF, BRAIDED SILK TROT LINES "REAL STUFF"

Nos. B47 to B58.

25 Yard Coils, 4 Connected, on Paper Card. Per Dozen Coils

No. B47—Size F, Tested Strength 24 Lbs.	$9.50
No. B57—Size G, Tested Strength 18 Lbs.	7.80

50 Yard Coils, 4 Connected, on Paper Card. Per Dozen Coils

No. B48—Size F, Tested Strength 24 Lbs.	$18.90
No. B58—Size G, Tested Strength 18 Lbs.	15.60

Average Weight Per Dozen Coils About ¾ Pound.

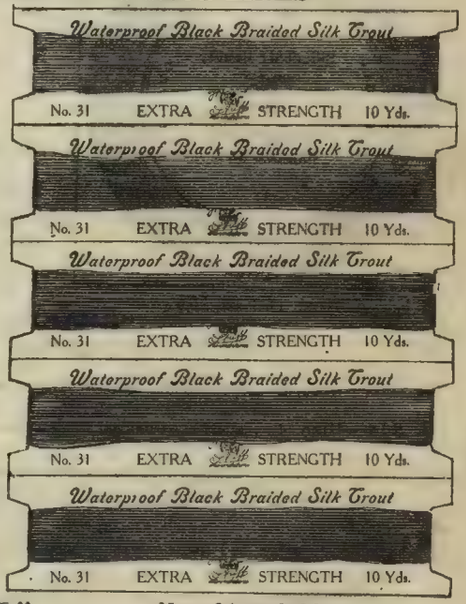
10 Yard Coils, 6 Connected, on Heavy Paper Card.

Per Dozen Coils

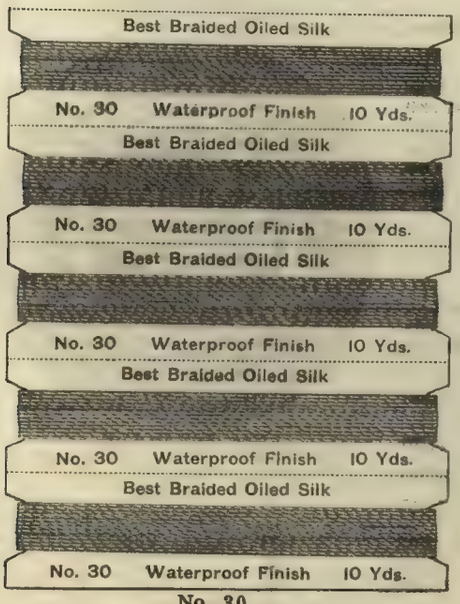
No. 31—Size F, Tested Strength 24 Lbs.	$3.90
No. 32—Size G, Tested Strength 18 Lbs.	3.35

Average Weight Per Dozen Coils About ½ Pound.

One Dozen Cards in a Box.



Nos. 31 and 32.



No. 30.

BEST BRAIDED "OILED SILK," TROUT

Highest Quality No. 1 China Stock, Semi-Transparent, Hard and Glossy, Waterproof Finish.

10 Yard Coils, 6 Connected, on Heavy Paper Card.

Per Dozen Coils

No. 30—Size 5, Tested Strength 14 Lbs.	$2.00

Average Weight Per Dozen Coils About ½ Pound.

One Dozen Cards in a Box.

PURE SILK BRAIDED

PLUM CREEK, Standard Grade Finished Silk, Black and White Mottled.

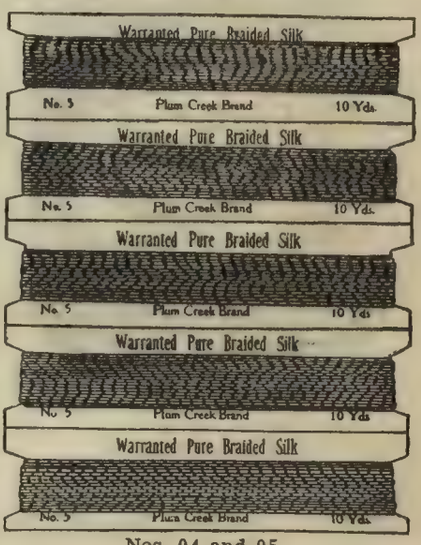
10 Yard Coils, 6 Connected, on Heavy Paper Card.

Per Dozen Coils

No. 04—Size 4, Tested Strength 14 Lbs.	$2.15
No. 05—Size 5, Tested Strength 12 Lbs.	1.80

Average Weight Per Dozen Coils About ½ Lb.

One Dozen Cards in a Box.



Nos. 04 and 05.

Fish Lines.

BRAIDED OILED SILK "SPECIAL TROUT"

Waterproof Finish, Green and White Mottled.
25 Yard Coils, 4 Connected, on Paper Card.

	Per Dozen
No. 25—Trout Size	$5.60

Tested Strength 14 Pounds.

"SPECIAL BASS"

Waterproof Finish, Green and White Mottled.
25 Yard Coils, 4 Connected, on Paper Card.

	Per Dozen
No. 125—Bass Size	$8.90

Tested Strength 25 Pounds.
Average Weight Per Dozen About ¾ Pound.
One Dozen in a Box.

No. 25.

No. 125.

"PRITZLAFF QUALITY," BRAIDED SILK

Waterproof, Marvelous Strength, Black, Green and White Mottled.
25 Yard Coils, 4 Connected, on Paper Card.

	Per 100 Yards
No. 103—Size 3	$3.90
No. 104—Size 4	2.80
No. 105—Size 5	2.50
No. 106—Size 6	2.25

Tested Strength.

Nos.	103	104	105	106
Pounds	24	20	16	12

Average Weight Per 1000 Yards About 2½ Pounds.
One Hundred Yards in a Box.

Nos. 103 to 106.

Nos. 343 to 345

"REAL STUFF" BRAIDED OILED SILK

No. 1—China Stock Waterproof, Semi-Transparent, Green and White Mottled.
25 Yard Coils, 4 Connected, on Paper Card.

		Per Dozen
No. 343—Size 3	Tested Strength 25 Lbs.	$8.90
No. 344—Size 4	Tested Strength 19 Lbs.	6.70
No. 345—Size 5	Tested Strength 14 Lbs.	5.60

Average Weight Per Dozen About 12 Ounces.
One Dozen in a Box.

"OCTOROON," WATERPROOF AND ENAMELED SILK

Highest Quality Hard Braided Japan Silk, Brown or Russet Color, Black Mottled.
25 Yards on a Coil, 4 Connected.

	Per 100 Yards
No. 403—Size E, Tested Strength 39 Lbs.	$7.80
No. 404—Size F, Tested Strength 32 Lbs.	6.70
No. 405—Size G, Tested Strength 26 Lbs.	5.60
No. 406—Size H, Tested Strength 19 Lbs.	4.50

Average Weight Per 1000 Yards About 2½ Pounds.

Nos. 403 to 406.

"SALINE," ENAMELED SOLID BRAIDED SILK

Medium Dark Pattern.
25 Yard Coils, 4 Connected, on Paper Card.

	Per 100 Yards
No. 502—Size D	$6.25
No. 503—Size E	5.00
No. 504—Size F	4.50
No. 505—Size G	3.90
No. 506—Size H	3.35

Tested Strength.

Nos.	502	503	504	505	506
Pounds	39	32	25	18	14

Average Weight Per 1000 Yards About 2½ Pounds.
One Hundred Yards in a Box.

Nos. 502 to 506.

Fish Lines.

Nos. 603 to 606.

"IDEAL," ENAMELED SOLID BRAIDED SILK

Highest Quality and MOST PERFECT ROUND FLY CASTING LINE MADE, Dark Mottled Colors.

25 Card Coils, 4 Connected, on Paper Card.

	Per 100 Yards
No. 603—Size E	$8.10
No. 604—Size F	7.00
No. 605—Size G	6.35
No. 606—Size H	5.90

Tested Strength.

Nos.	603	604	605	606
Pounds	38	30	24	18

Average Weight Per 1000 Yards About 2½ Pounds.

One Hundred Yards in a Box.

"IDEAL," TAPERED, ENAMELED SILK FLY CASTING LINES

Made to Order Only.

Same Quality as "Ideal" Lines Above. One in a Box.

Single Taper.

Size		E	F	G
30 Yard	Per Dozen,	$41.00	37.25	35.30
35 Yard	Per Dozen,	45.50	41.00	38.70
40 Yard	Per Dozen,	49.75	44.65	42.25

Double Taper.

Size		E	F	G
30 Yard	Per Dozen,	$55.25	51.55	49.75
35 Yard	Per Dozen,	59.70	55.25	53.15
40 Yard	Per Dozen,	64.00	59.00	56.80

Tapered Lines Shipped F. O. B. Factory, and Cannot be Returned.

"KINGFISHER," BRAIDED ENAMELED SILK, EXTRA QUALITY TROUT LINES

No. 2500.

Extra Enameled Finish, Black and Silver Gray Mottled.

25 Yard Coils, 4 Connected, on Paper Card.

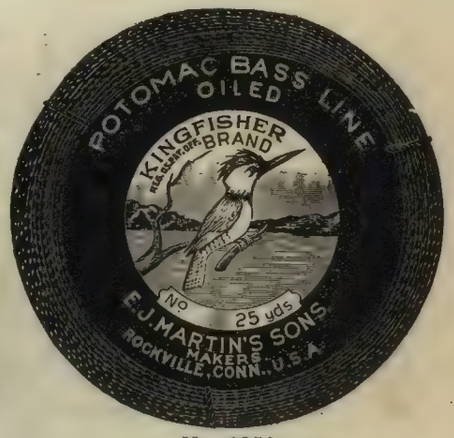
	Per 100 Yards
No. 2500—Trout Size, Tested Strength 10 Lbs.	$3.00

"POTOMAC BASS" LINES

Extra Enameled Finish, Green and White Mottled.

25 Yard Coils, 4 Connected, on Paper Card.

	Per 100 Yards
No. 1250—Bass Size, Tested Strength 16 Lbs.	$3.35



No. 1250.

"KINGFISHER," "HIGHEST QUALITY" ENAMELED LINES

Best Enameled Finish, Dark Mottled Colors.

25 Yard Coils, 4 Connected, on Paper Card.

Nos.	C	D	E
Tested Strgth., Lbs.	40	33	28
Per 100 Yards....	$8.90	8.00	7.15

Nos.	F	G
Tested Strgth., Lbs.	22	16
Per 100 Yards....	$6.15	5.80

Nos.	H	7
Tested Strgth., Lbs.	14	10
Per 100 Yards....	$5.35	4.80

These are the very best and strongest Enameled Lines made.

Nos. C to 7.

"RUSSET" ENAMELED LINES

Best Japan Silk, Russet Color, Mottled.

25 Yard Coils, 4 Connected, on Paper Card.

Nos.	FF	GG	HH
Tested Strgth., Lbs.	22	16	14
Per 100 Yards....	$5.80	4.80	3.90

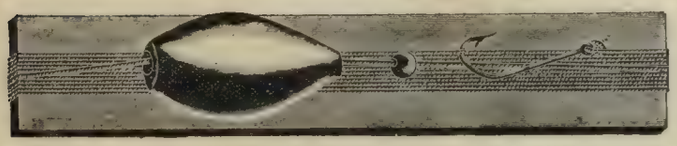
Average Weight Per 1000 Yards About 2½ Pounds.

One Hundred Yards in a Box.

Nos. FF to HH.

NOTE—We will furnish to order any Lines of the Kingfisher Brand not found listed in our Catalog. Samples sent on Application

Furnished Fish Lines.

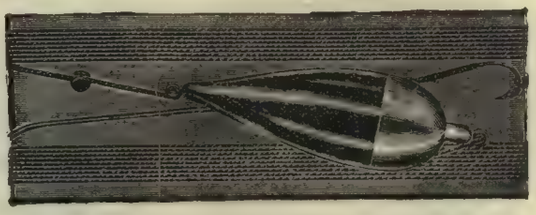


On 1x5 in. Wooden Winder.

Per Gross

No. 0—1½ in. Solid Wood Egg Float, without Stem, Painted Red, Green or Blue, 12 ft. White Cotton Line, One Ringed Hook, One Sinker, Weight Per Gross About 3⅛ Lbs.....$2.00

One-half Gross in a Box.

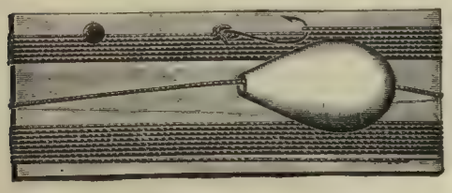


On 1¾x5½ in. Fancy Wooden Winder.

Per Gross

No. 10—3¼ in. Adjustable Egg Float, Painted Two Colors and Varnished, 20 ft. Eureka Line, One Hook on Double Gut, One Sinker, Weight Per Gross About 12 Lbs.....$17.80

One-twelfth Gross in a Box.

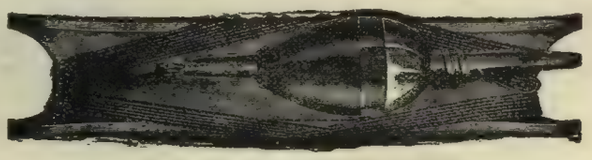


On 1¾x4¼ in. Wooden Winder.

Per Gross

No. 1—1⅝ in. Solid Wood Egg Float, without Stem, Painted One Color, 15 ft. Drab Cotton Line, One Ringed Hook and One Sinker, Weight Per Gross About 6½ Lbs.....$4.50

One-quarter Gross in a Box.

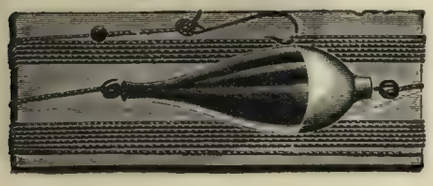


On 1⅛x5 in. Hollow Stained Winder.

Per Gross

No. 22—2 in. Quill Top Adjustable Egg Shape Float, Painted Two Colors and Varnished, 15 ft. Green Cuttyhunk Line, One Ringed Hook and Split Shot Sinker, Weight Pr Gross About 12 Lbs..$9.50

One-twelfth Gross in a Box.



On 1¾x4¾ in. Wooden Winder.

Per Gross

No. 4—2¼ in. Adjustable Egg Float, Painted Two Colors and Varnished, 15 ft. Drab Cotton Line, One Ringed Hook, One Sinker, Weight Per Gross About 6¾ Lbs.....$7.80

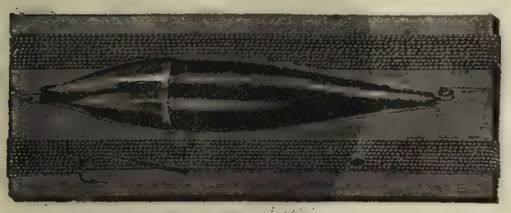
One-quarter Gross in a Box.

On 1x5¾ in. Split Japanese Cane Winder.

Per Gross

No. 25—1¾ in. Quill Top Adjustable Wood Egg Float, Painted Two Colors and Varnished, 15 ft. Variegated Braided Silk Line, One Single Gut Snelled Hook and One Sinker, Weight Per Gross About 12 Lbs.....$22.25

One-twelfth Gross in a Box.



On 1¾x4¾ in. Wooden Winder.

Per Gross

No. 7—4 in. Adjustable Barrel Float, Painted in Two Colors and Varnished, 15 ft. Heavy Drab Cotton Line, One Ringed Hook and One Sinker, Weight Per Gross About 7½ Lbs.....$10.00

One-twelfth Gross in a Box.

On 1x5¾ in. Split Japanese Cane Winder.

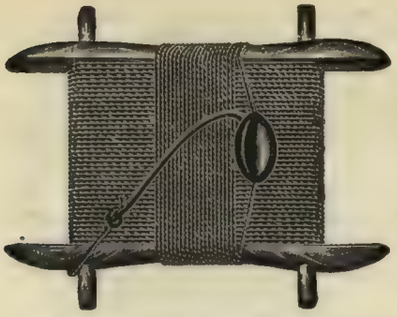
Per Gross

No. 26—2 in. Adjustable Barrel Cork Float, Painted Two Colors and Varnished, 15 ft. Sea Grass Line, One Single Gut Snelled Hook and One Sinker, Weight Per Gross About 7½ Lbs....$26.65

One-twelfth Gross in a Box.

Furnished Fish Lines.

DIP-SEA

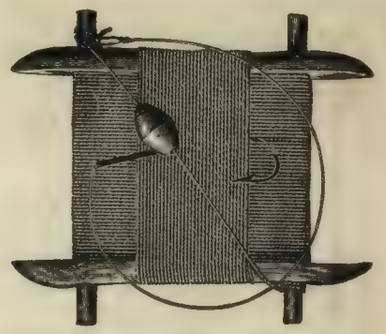


On 3½x4½ in. Plain Wood Reel.

Per Gross

No. 55—30 ft. No. 4 Twisted Cotton Line, One Ringed Hook, One Heavy Lead Sinker, Weight Per Gross About 7½ Lbs.....$0.25

One-twelfth Gross in a Box.

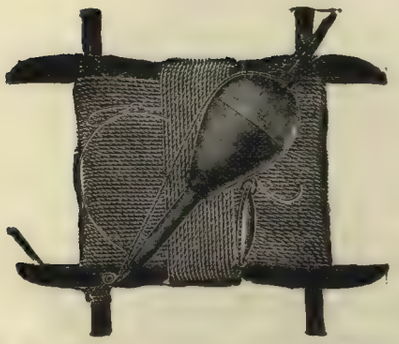


On 3½x4½ in. Plain Wood Reel.

Per Gross

No. 65—30 ft. No. 4 Twisted Cotton Line, One Double Gut Hook, One Heavy Lead Sinker, on Plain Wood Reel, Weight Per Gross About 12 Lbs..$10.00

One-twelfth Gross in a Box.

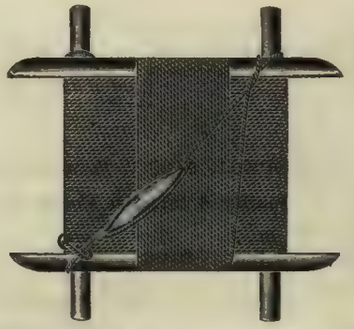


On 3¼x3¾ in. Black Enameled Reel

Per Gross

No. 999—30 ft. Green Line, One Double Gut Hook, One Adjustable Sinker, One Adjustable Egg Shape Wood Float, Weight Per Gross About 12 Lbs. $12.25

One-twelfth Gross in a Box.



On 3½x4½ in. Black Enameled Reel.

Per Gross

No. 80—30 ft. No. 4 Grass Green Twisted Line, One Double Gut Hook, One No. 5 Adjustable Ringed Sinker, Weight Per Gross About 11 Lbs. $12.25

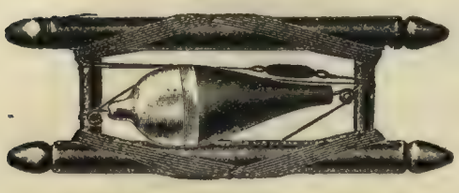
One-twelfth Gross in a Box.

On 4½x5 in. Black Enameled Reel.

Per Gross

No. 90—60 ft. No. 4 Grass Green Twisted Line, One Double Gut Hook, One No. 6 Adjustable Sinker, Weight Per Gross About 18 Lbs.....$23.35

One-twelfth Gross in a Box.

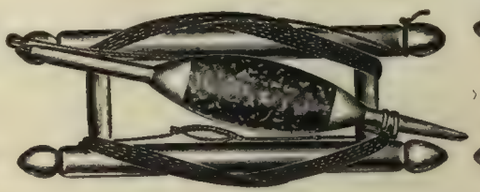


On 1¾x5 in. Black Enameled Wood Reel.

Per Gross

No. 75—15 ft. No. 2 Sea Grass Line, One Double Gut Hook, One Adjustable Sinker, One 2¾ in. Adjustable Wood Barrel Float, Weight Per Gross About 9⅛ Lbs.....$21.75

One-twelfth Gross in a Box.

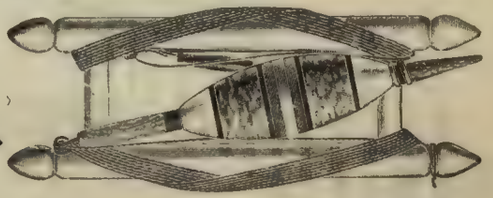


On 1¾x5 in. White Enameled Wood Reel.

Per Gross

No. 100—15 ft. Braided Light Green Cotton Line, One Double Gut Hook, One Adjustable Sinker, One Adjustable Varnished Natural Color Cork Barrel Float, Weight Per Gross About 9 Lbs. $23.35

One-twelfth Gross in a Box.



On 1¾x5 in. White Enameled Acorn Reel.

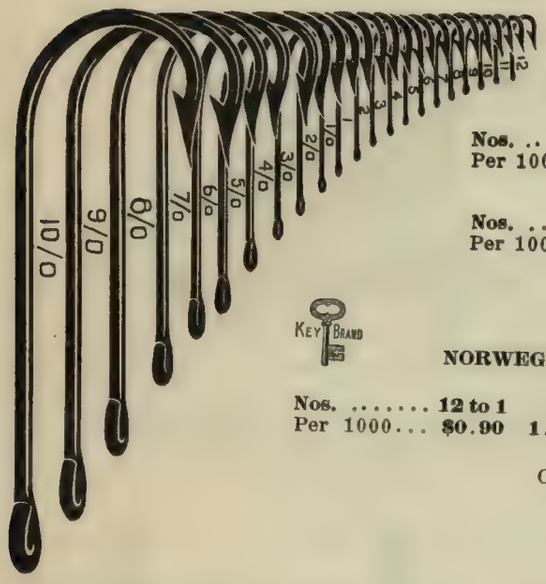
Per Gross

No. 425—15 ft. Green Cable Line, One Double Gut Hook, One Adjustable Ringed Sinker, One 2¼ in. Fancy Striped Natural Finish Barrel Adjustable Cork Float, Weight Per Gross About 10 Lbs. $21.75

One-twelfth Gross in a Box.

Fish Hooks.

KIRBY, RINGED



The Iron Arm.

ENGLISH Milwards, Superfine Quality, SPEAR POINT, Japanned.

Nos.	14 to 1	0	2–0	3–0	4–0	5–0
Per 1000	$0.90	1.15	1.25	1.45	1.55	1.90

Nos.	6–0	7–0	8–0	9–0	10–0	12–0
Per 1000	$2.35	2.90	3.75	4.85	6.50	12.90

NORWEGIAN, Extra Quality, SPEAR POINT, Japanned, Large Eye.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0	8–0	9–0	10–0	12–0
Per 1000	$0.90	1.15	1.25	1.45	1.80	2.00	2.50	2.80	4.00	5.00	6.35	11.70

One Hundred in a Box, One Thousand in a Package.

KIRBY, SNELLED

Cut Shows Style of Package.

Best Spring Steel, SPEAR POINT, Bronzed Hooks.

No. 421—Tied on "A" Quality 6 in. Mist Color SINGLE GUT.

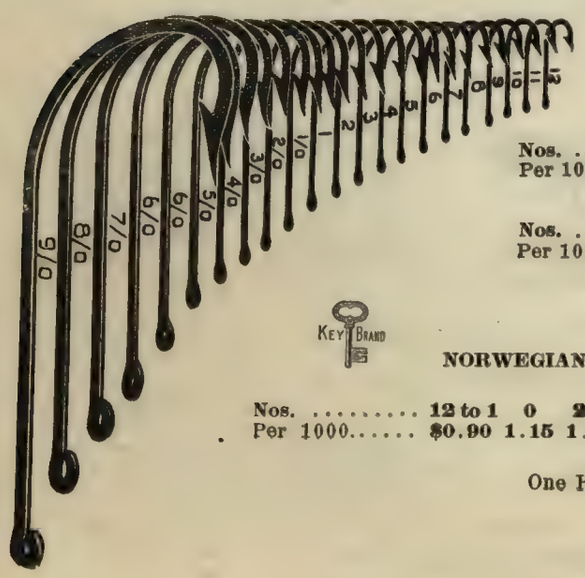
Size Nos.	8	7	6	5	4	3	2	1	0	2–0
Per Gross	$2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.25	2.50

No. 422—Tied on "A" Quality 6 in. Mist Color DOUBLE GUT.

Size Nos.	6	5	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Per Gross	$2.70	2.70	2.70	2.70	2.70	2.70	2.80	3.00	3.25	3.50	3.60	3.95

One-half Dozen in a Paper, Twelve Dozen in a Box.

LIMERICK, RINGED



The Iron Arm.

ENGLISH, Milward's, Superfine Quality, SPEAR POINT, Japanned.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0
Per 1000	$0.90	1.15	1.25	1.45	1.55	1.90	2.35

Nos.	7–0	8–0	9–0	10–0	12–0	14–0	16–0
Per 1000	$2.90	3.75	4.85	6.50	12.90	29.00	50.00

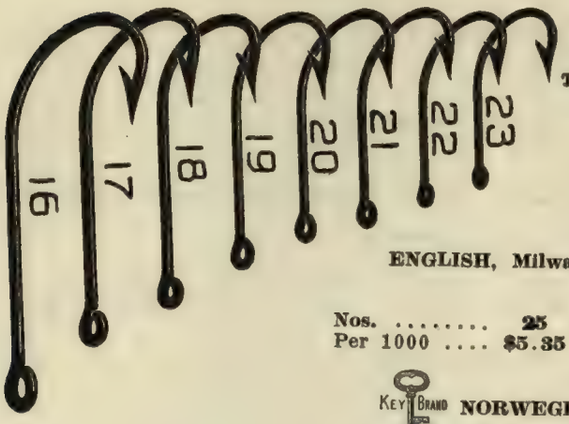
NORWEGIAN, Extra Quality, SPEAR POINT, Japanned, Large Eye.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0	8–0	9–0	10–0	12–0	14–0	16–0
Per 1000	$0.90	1.15	1.25	1.45	1.80	2.00	2.50	2.80	4.00	5.00	6.35	13.35	21.65	44.85

One Hundred in a Box, One Thousand in a Package.

Fish Hooks.

CINCINNATI BASS, RINGED



ENGLISH, Milward's, Best Quality Spring Steel, SPEAR POINT, Bright, Bent to One Side.

Nos.	25	24	23	22	21	20
Per 1000	$1.35	1.35	1.35	1.35	1.35	1.80
Nos.		19	18	17	16	15
Per 1000		$2.15	2.25	2.80	3.35	3.90

ENGLISH, Milward's Best Quality Spring Steel, HOLLOW POINT, Bright, Bent to One Side.

Nos.	25	24	23	22	21	20	19	18	17	16	15
Per 1000	$5.35	5.35	5.35	5.35	5.35	5.80	6.85	7.80	8.55	10.00	12.60

NORWEGIAN, Extra Quality, SPEAR POINT, Bright, Bent to One Side.

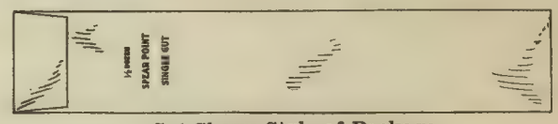
Nos.	25	24	23	22	21	20	19	18	17	16	15
Per 1000	$0.90	.90	.90	.90	1.20	1.45	1.80	2.00	2.50	2.90	4.00

Comparison in Sizes of Cincinnati Bass Hooks with Sproat, Sneck, Carlisle, Etc.

Sproat, Sneck, Carlisle, Etc.	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Cincinnati Bass	25	24	23	22	21	20	19	18	17	16

One Hundred in a Box, One Thousand in a Package.

CINCINNATI BASS, SNELLED



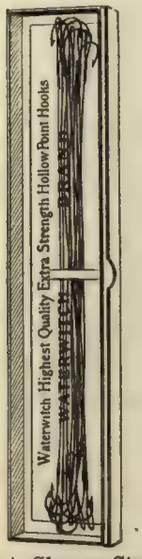
Cut Shows Style of Package.

Best Spring Steel, SPEAR POINT, Bronzed Hooks, Bent to One Side.

No. 412—Tied on "A" Quality 6 in. Mist Color DOUBLE GUT.

Size Nos.	16	17	18	19	20	21	22	23	24	25	26
Per Gross	$3.70	3.60	3.45	3.25	3.00	2.80	2.70	2.70	2.70	2.70	2.70

One-half Dozen in a Paper; Twelve Dozen in a Box.



Cut Shows Style of Package of Nos. 413, 112 and 113.

Best Spring Steel, HOLLOW POINT, Bronzed Hooks, Bent to One Side.

No. 413—Tied on "A" Quality 8 in. SILK WOUND GIMP.

Size Nos.	16	17	18	19	20	21	22	23	24	25	26
Per Gross	$9.25	8.60	8.15	7.80	7.60	7.25	7.00	7.00	7.00	7.00	7.00

Best Spring Steel, HOLLOW POINT, Bronzed Hooks, Bent to One Side.

No. 112—Tied on "A" Quality 8 in. Mist Color DOUBLE GUT.

Size Nos.	16	17	18	19	20	21	22	23	24	25	26
Per Gross	$6.70	6.15	5.60	5.35	5.00	4.75	4.50	4.50	4.50	4.50	4.50

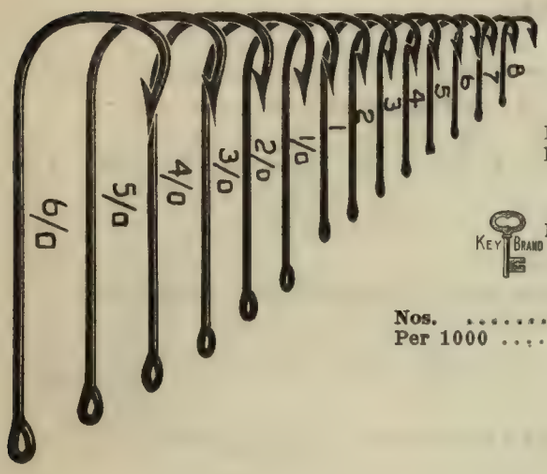
Best Spring Steel, HOLLOW POINT, Bronzed Hooks, Bent to One Side.

No. 113—Tied on "A" Quality 8 in. Mist Color THREE-PLY TWISTED GUT.

Size Nos.	16	17	18	19	20	21	22	23	24	25	26
Per Gross	$8.35	7.80	7.25	7.00	6.70	6.50	6.15	6.15	6.15	6.15	6.15

One Dozen in a Paper Box; Twelve Dozen in a Package.

Fish Hooks.



SNECK, RINGED

ENGLISH, Milward's Best Quality Steel, SPEAR POINT, Blued.

Nos.	8 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0
Per 1000	$1.35	1.55	1.85	2.35	2.70	3.25	3.70	4.80

NORWEGIAN, Extra Quality, SPEAR POINT, Square Bent, Rust-Proof Finish.

Nos.	8 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0
Per 1000	$0.90	1.15	1.25	1.45	1.55	1.90	2.35	2.90

One Hundred in a Box; One Thousand in a Package.

SNECK, SNELLED

Cut Shows Style of Package.

Best Spring Steel, SPEAR POINT, Bronzed Hooks.

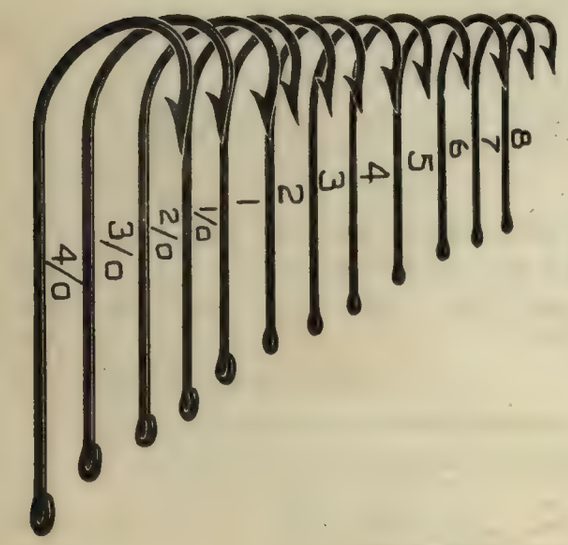
No. 431—Tied on "A" Quality 6 in. Mist Color Single Gut.

Size Nos.	8	7	6	5	4	3	2	1
Per Gross	$2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

No. 432—Tied on "A" Quality 6 in. Mist Color Double Gut.

Size Nos.	6	5	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Per Gross	$2.70	2.70	2.70	2.70	2.70	2.70	2.80	3.00	3.25	3.50	3.60	3.75

One-half Dozen in a Paper; Twelve Dozen in a Box.



NEW YORK TROUT, RINGED

ENGLISH, Milward's Extra Spring Steel, HOLLOW POINT, Bronzed.

Nos.	14 to 4	3	2	1
Per 1000	$5.60	6.60	7.35	8.35

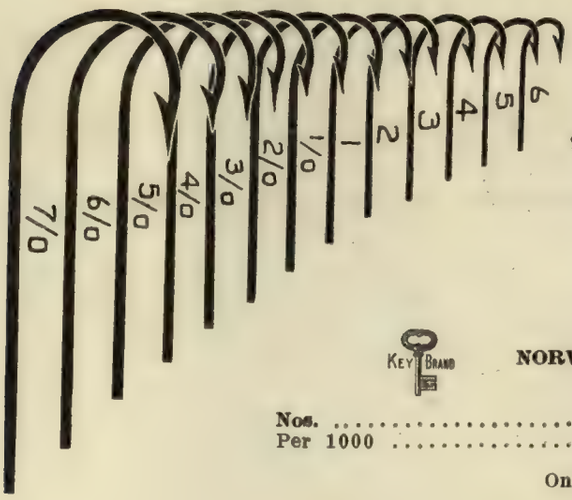
Nos.	0	2–0	3–0	4–0
Per 1000	$9.60	11.00	12.60	15.25

One Hundred in a Box; One Thousand in a Package.

Comparison in Size of New York Trout Hooks with Carlisle.

Carlisle	11	10	9	8	7	6	5	4	3	2	1	1–0	2–0	3–0	4–0	5–0	6–0	7–0
New York Trout	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	2–0	3–0	4–0

Fish Hooks.



The Iron Arm.

CARLISLE, RINGED

ENGLISH, Milward's Extra Spring Steel, SPEAR POINT, Blued, Bent to One Side.

Nos.	16 to 1	0	2–0	3–0	4–0
Per 1000	$1.20	1.40	1.55	1.80	2.00

Nos.	5–0	6–0	7–0	8–0
Per 1000	$2.25	2.80	3.25	3.80

NORWEGIAN, Extra Quality, SPEAR POINT, Rust-Proof Finish, Bent to One Side.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0
Per 1000	$1.15	1.45	1.60	2.00	2.25	2.50	2.80	3.35

One Hundred in a Box; One Thousand in a Package.

CARLISLE, SNELLED

Cut Shows Style of Package of Nos. 401 and 402.

Best Spring Steel, SPEAR POINT, Bronzed Hooks.

No. 401—Tied on "A" Quality 6 in. Mist Color SINGLE GUT.

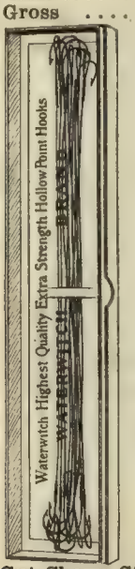
Size Nos.	8	7	6	5	4	3	2	1	0	2–0
Per Gross	$2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.25	2.50

Best Spring Steel, SPEAR POINT, Bronzed Hooks.

No. 402—Tied on "A" Quality 6 in. Mist Color DOUBLE GUT.

Size Nos.	8	7	6	5	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Per Gross	$2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.80	3.00	3.25	3.50	3.60	3.75

One-half Dozen in a Paper; Twelve Dozen in a Box.



Cut Shows Style of Package of Nos. 101, 102 and 103.

Best Spring Steel, HOLLOW POINT, Bronzed Hooks.

No. 101—Tied on "A" Quality 8 in. Mist Color SINGLE GUT.

Size Nos.	8	7	6	5	4	3	2	1	0
Per Gross	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	4.50

Best Spring Steel, HOLLOW POINT, Bronzed Hooks.

No. 102—Tied on "A" Quality 8 in. Mist Color DOUBLE GUT.

Size Nos.	6	5	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Per Gross	$4.50	4.50	4.50	4.50	4.50	4.50	4.70	5.00	5.25	5.60	6.15	6.70

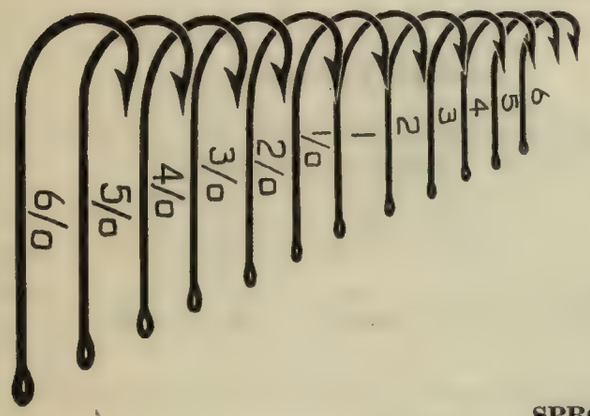
Highest Quality, Extra Strength, HOLLOW POINT, Bronzed Hooks.

No. 103—Tied on Heavy Selecto 8 in. Mist Color DOUBLE GUT, Knotted and Whipped Loop and Non-Slipping Knot on Shank of Hook.

Size, Nos.	6	5	4	3	2	1	1–0	2–0	3–0
Per Gross	$6.70	6.70	6.70	6.70	6.70	6.70	7.00	7.25	7.60

One Dozen in a Paper Box; Twelve Dozen in a Package.

Fish Hooks.



The Iron Arm.

SPROAT, RINGED

ENGLISH, Milward's, Superfine Spring Steel, SPEAR POINT, Blued.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0
Per 1000	$1.35	1.55	1.85	2.35	2.70	3.25	3.70

NORWEGIAN, Extra Quality, SPEAR POINT, Rustproof Finish.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0
Per 1000	$0.90	1.15	1.25	1.45	1.55	1.90	2.35

One Hundred in a Box; One Thousand in a Package.

SPROAT, SNELLED

Cut Shows Style of Package.

Best Spring Steel, SPEAR POINT, Bronzed Hooks.
No. 441—Tied on "A" Quality 6 in. Mist Color SINGLE GUT.

Size Nos.	8	7	6	5	4	3	2	1
Per Gross	$2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

No. 442—Tied on "A" Quality 6 in. Mist Color DOUBLE GUT.

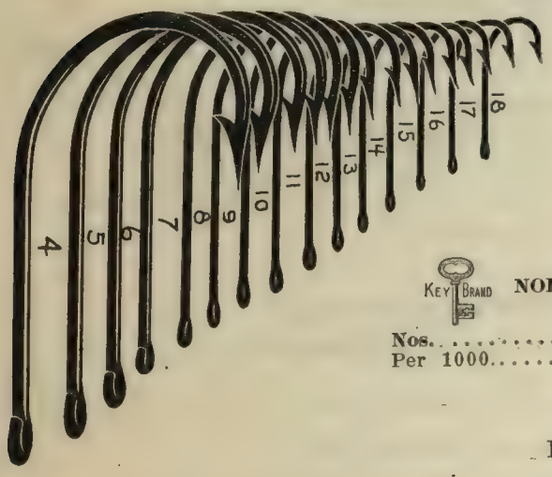
Size Nos.	6	5	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Per Gross	$2.70	2.70	2.70	2.70	2.70	2.70	2.80	3.00	3.25	3.50	3.60	3.75

One-half Dozen in a Paper; Twelve Dozen in a Box.

Highest Quality, Extra Strength, HOLLOW POINT, Bronzed Hooks.
No. 142—Tied on Heavy Selecto 8 in. Mist Colored DOUBLE GUT, Knotted and Whipped Loop and Non-Slipping Knot on Shank of Hook.

Size Nos.	6	5	4	3	2	1	1–0	2–0	3–0
Per Gross	$6.70	6.70	6.70	6.70	6.70	6.70	7.00	7.25	7.60

One Dozen in a Paper Box; Twelve Dozen in a Package.
For Style of Box, See Below.



The Iron Arm

KINSEY, RINGED

ENGLISH, Milward's, Spring Steel, HOLLOW POINT, Japanned.

Nos.	18 to 12	11	10	9	8
Per 1000	$4.80	5.90	7.80	8.90	10.25

Nos.	7	6	5	4
Per 1000	$11.80	14.00	18.30	23.00

NORWEGIAN, Extra Quality, HOLLOW POINT, Rust Proof Finish.

Nos.	18 to 13	12	11	10	9	8	7	6	5	4
Per 1000	$3.35	3.80	4.00	4.25	4.80	5.35	6.15	7.25	8.60	10.70

One Hundred in a Box; One Thousand in a Package.

KINSEY, SNELLED

Cut Shows Style of Package.

Best Quality, HOLLOW POINT, Bronzed Hooks.
No. 125—Tied on "A" Quality 8 in. Mist Color DOUBLE GUT.

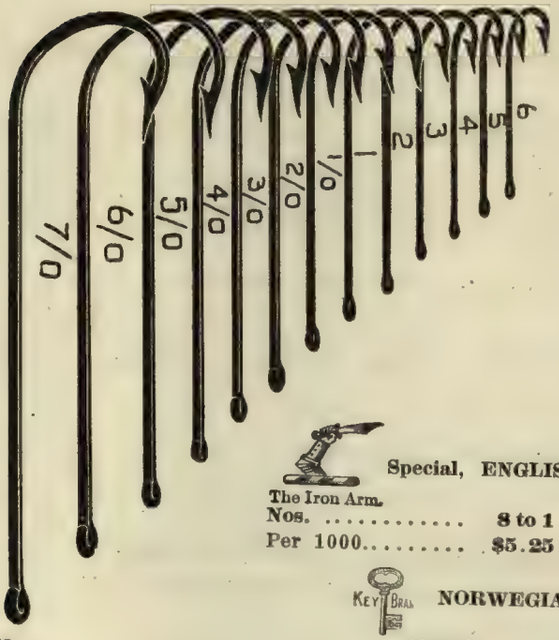
Size Nos.	9	10	11	12	14	14	15	16
Per Gross	$5.60	5.35	5.00	4.75	4.50	4.50	4.50	4.50

One Dozen in a Paper Box; Twelve Dozen in a Package.

Comparison in Sizes of Kinsey Hooks with Sproat, Sneck, Carlisle, Kirby and Limerick.

Sproat, Sneck, Etc.	9–0	8–0	7–0	6–0	5–0	4–0	3–0	2–0	1–0	1	2	3	4	5	6
Kinsey	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Fish Hooks.



ABERDEEN, RINGED

The Iron Arm.

ENGLISH, Milward's, Spring Steel, SPEAR POINT, Blued.

Nos.	12 to 3	2 & 1	0	2–0	3–0
Per 1000	$2.35	2.65	2.85	3.00	3.25

Nos.	4–0	5–0	6–0	7–0
Per 1000	$3.70	4.25	4.50	5.60

The Iron Arm.

Special, ENGLISH, Milward's, Superfine Spring Steel, HOLLOW POINT, Blued.

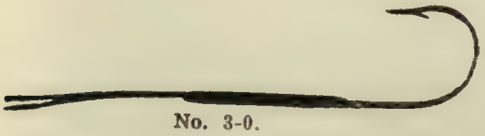
Nos.	8 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0
Per 1000	$5.25	5.60	6.75	7.15	8.00	9.25	11.90	14.90

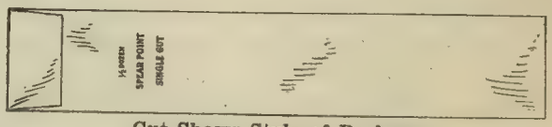
NORWEGIAN, Extra Quality, SPEAR POINT, Rust Proof Finish.

Nos.	12 to 1	0	2–0	3–0	4–0	5–0	6–0	7–0
Per 1000	$3.35	3.90	4.00	4.25	4.80	5.35	6.15	7.25

One Hundred in a Box; One Thousand in a Package.

ABERDEEN, SNELLED


No. 3-0.



Cut Shows Style of Package.

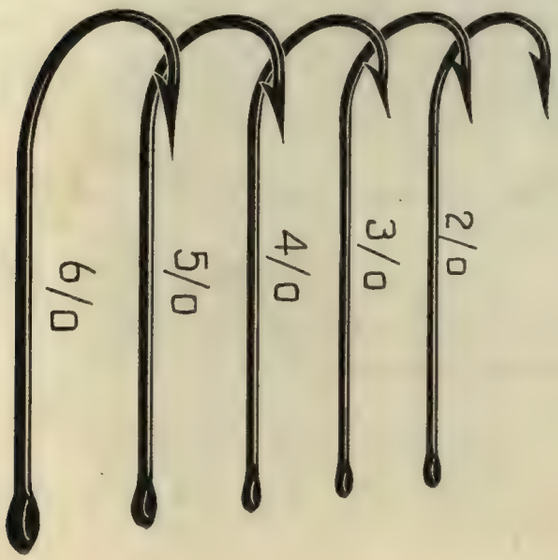
Best Spring Steel, SPEAR POINT, Bronzed Hooks.
No. 451—Tied on "A" Quality 6 in. Mist Color SINGLE GUT.

Size Nos.	8	7	6	5	4	3	2	1
Per Gross	$2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

No. 452—Tied on "A" Quality 6 in. Mist Color DOUBLE GUT.

Size Nos.	6	5	4	3	2	1	0	2–0	3–0	4–0	5–0	6–0
Per Gross	$2.70	2.70	2.70	2.70	2.70	2.70	2.80	3.00	3.25	3.50	3.60	3.75

One-half Dozen in a Paper; Twelve Dozen in a Box.



RINGED FISH HOOKS FOR MAKING WEEDLESS HOOKS

The Iron Arm.

ENGLISH, Milward's, Extra Quality, SPEAR POINT, 2¾ INCH LONG SHANK, Extra Large Eye.

CARLISLE, EXTRA STRONG, BRONZED

Nos.	2–0	3–0	4–0	5–0
Per 1000	$3.50	4.25	4.70	5.35

SPROAT, EXTRA STRONG, BRONZED

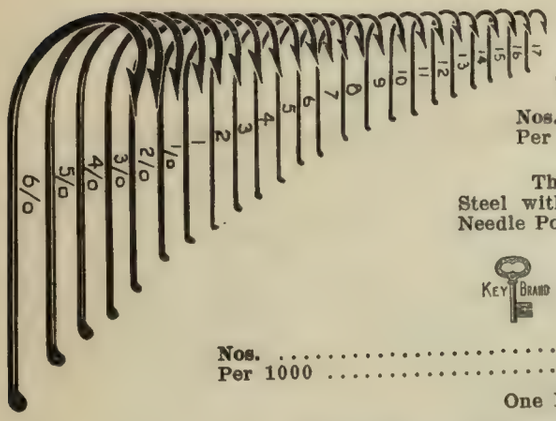
Nos.	2–0	3–0	4–0	5–0	6–0
Per 1000	$3.50	4.25	4.70	5.35	6.90

CINCINNATI BASS, EXTRA STRONG, BRONZED

Nos.	20	19	18	17	16
Per 1000	$3.50	4.25	4.70	5.35	6.90

One Hundred in a Box; One Thousand in a Package.

Fish Hooks.



The Iron Arm.

PENNELL, TURNED-DOWN-EYED, RINGED

ENGLISH, Milward's, LIMERICK AND SPROAT PATTERNS, FILED POINT, Highest Quality, Hand Forged.

Nos.	17 to 1	1–0	2–0	3–0	4–0	5–0	6–0	7–0	8–0
Per 1000	$9.50	12.35	14.00	14.70	16.70	18.00	21.90	28.35	37.60

These Hooks are the highest quality obtainable, are made of the best Spring Steel with Extra Care and Finish, and Bronzed by a New Process. Have Long Needle Points and Barbing of these Hooks is absolutely perfect.

KEY BRAND

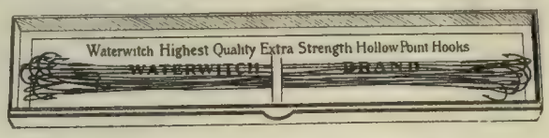
NORWEGIAN, Sproat Pattern, FILED POINT, Rust Proof Finish.

Nos.	6 to 1	0	2–0	3–0	4–0
Per 1000	$4.80	5.90	6.90	7.90	9.00

One Hundred in a Box; One Thousand in a Package.

PENNELL, TURNED-DOWN-EYED, BRONZED, SNELLED

Cincinnati Bass.



Cut Shows Style of Package.

No. 124—"A" Quality, HOLLOW POINT, Tied on 8 in. Green Silk Wrapped, Wire Wound, Bronzed Rust Proof Wire Cable.

Size Nos.	24	23	22	21	20	19	18	17	16
Per Gross	$10.60	10.60	10.60	11.15	11.15	11.70	11.70	12.25	12.25

Sproat.

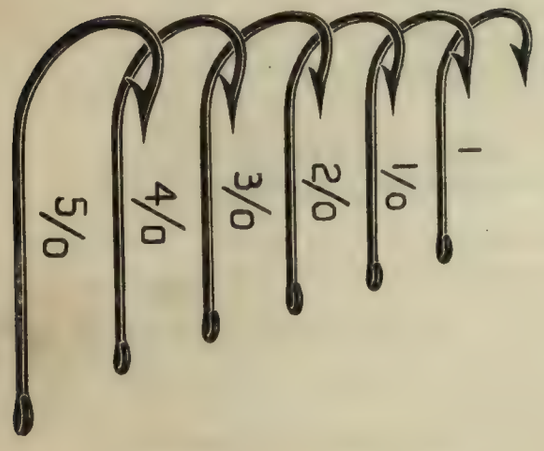
No. 134—"A" Quality, HOLLOW POINT, Tied on 8 in. Mist Color Double Gut.

Size Nos.	6	5	4	3	2	1	1–0	2–0	3–0	4–0	5–0	6–0
Per Gross	$5.35	5.35	5.35	5.35	5.35	5.35	5.90	5.90	6.70	6.70	7.80	7.80

No. 135—"A" Quality, HOLLOW POINT, Tied on 8 in. Mist Color, Three-Ply Twisted Gut.

Size Nos.	1	1–0	2–0	3–0	4–0	5–0	6–0
Per Gross	$7.65	7.80	8.10	8.35	8.60	9.25	9.80

One Dozen in a Paper Box; Twelve Dozen in a Package.



The Iron Arm.

O'SHAUGHNESSY, RINGED

ENGLISH, Milward's, HOLLOW POINT, Highest Quality Hand Forged, Bronzed.

Nos.	1	1–0	2–0	3–0	4–0	5–0
Per 1000	$10.00	11.80	13.25	15.00	16.35	17.35

These Hooks are the Highest Quality obtainable and are made of the Best Spring Steel, with Extra Care and Finish, and Bronzed by a New Process. For size they compare with the Pennell Turned-Down Eyed.

KEY BRAND

NORWEGIAN, Extra Quality, HOLLOW POINT, Rust Proof Finish.

Nos.	1	1–0	2–0	3–0	4–0	5–0
Per 1000	$5.75	6.35	7.90	8.25	8.75	9.50

One Hundred in a Box; One Thousand in a Package.

O'SHAUGHNESSY, BRONZED, SNELLED

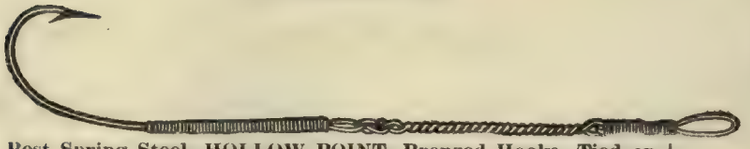
No. 114—HOLLOW POINT, Hand Forged, Bronzed, Tied on 8 in. Green Silk Wrapped, Wire Wound, Bronzed, Rust Proof Wire Cable.

Nos.	1	1–0	2–0	3–0	4–0	5–0	6–0
Per Gross	$9.50	10.00	10.00	10.70	10.70	11.70	11.70

One Dozen in a Paper Box; Twelve Dozen in a Package.

Everlasting Hooks.

"WATERWITCH"



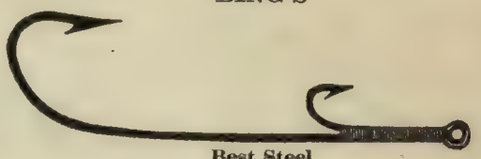
Best Spring Steel, HOLLOW POINT, Bronzed Hooks, Tied on 3 in. Twisted Silvered Wire, with Double Gut End Loop, for Bass or Muscallonge.

Nos.	1/0	2/0	3/0
Per Gross	$9.25	9.25	9.25
Nos.	**4/0**	**5/0**	**6/0**
Per Gross	$11.70	11.70	12.60

One-quarter Gross in a Box.

Pork Rind Hooks.

BING'S



Best Steel.

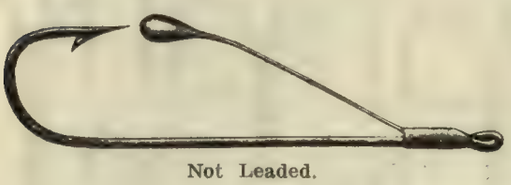
Can be Used with Either Pork Rind or Frogs.

Nos.	3/0	4/0	5/0
Per Dozen	$1.70	1.70	1.70

One Dozen in a Box.

Weedless Fish Hooks.

FROST'S



Not Leaded.

Leaded.

The Only Perfect Weedless and Sure Catch Hook Made.

Sproat, HOLLOW POINT, Bronzed.

Nos.		3/0	4/0	5/0	6/0
Not Leaded	Per Dozen,	$1.00	1.00	1.00	1.00
Leaded	Per Dozen,	1.55	1.55	1.55	1.55

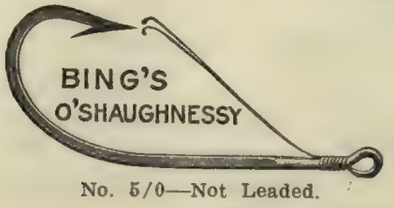
Cincinnati Bass, HOLLOW POINT, Bronzed.

Nos.		19	18	17	16
Not Leaded	Per Dozen,	$1.00	1.00	1.00	1.00
Leaded	Per Dozen,	1.55	1.55	1.55	1.55

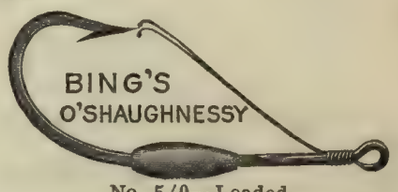
Carlisle, HOLLOW POINT, Bronzed.

Nos.		3/0	4/0	5/0	6/0
Not Leaded	Per Dozen,	$1.00	1.00	1.00	1.00
Leaded	Per Dozen,	1.55	1.55	1.55	1.55

BING'S O'SHAUGHNESSY



No. 5/0—Not Leaded.



No. 5/0—Leaded.

BING'S O'SHAUGHNESSY, Hollow Point, Hand Forged, Bronzed.

Nos.		1	1/0	2/0	3/0	4/0	5/0
Not Leaded	Per Dozen,	$1.70	1.70	1.70	1.70	1.70	1.70
Leaded	Per Dozen,	2.25	2.25	2.25	2.25	2.25	2.25

Sizes of Above Hooks are Same as Plain.
One Dozen in a Box.

ECKARDT

Eckardt Minnow Life Preserving and Weedless Hook.

Regular Carlisle Hook.

Nos.	3/0	4/0	5/0
Per Dozen	$1.35	1.35	1.35

Heavy Carlisle Hook.

Nos.	3/0	4/0	5/0
Per Dozen	$1.35	1.35	1.35

One Dozen in a Box.

KRUS AUTOMATIC

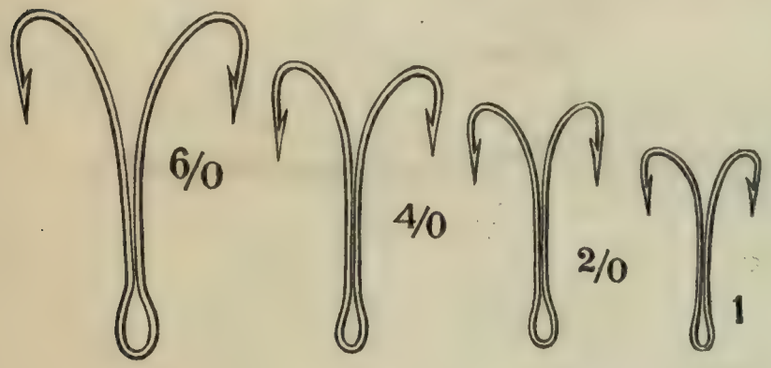
Made of One Piece Best Spring Steel Wire.

Nos.	16	17	19
Per Dozen	$2.80	2.80	2.80

These Hooks are the same size as the corresponding numbers of Cincinnati Bass Hooks.

One Dozen in a Box.

Double Fish Hooks.



ENGLISH, Best, Bronzed, SPEAR POINT, Not Brazed.

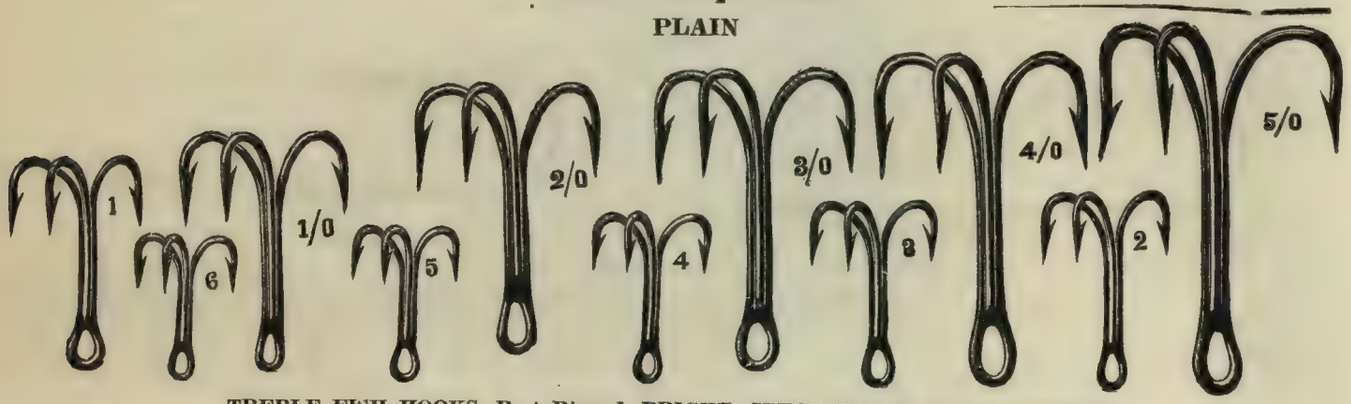
Nos.	1	1/0	2/0	3/0
Per Gross	$1.30	1.35	1.40	1.50
Nos.		4/0	5/0	6/0
Per Gross		$1.60	1.90	2.25

Ringed Double Hooks are the same size as Plain Treble Fish Hooks.

Open Stock.

Treble Fish Hooks.

PLAIN



TREBLE FISH HOOKS, Best Ringed, BRIGHT, SPEAR POINT, NOT FEATHERED.

Nos.	10	9	8	6	5	4	3	2	1	0
Per Gross	$2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.85
Nos.		2/0	3/0	4/0	5/0	6/0	7/0	8/0	9/0	10/0
Per Gross		$3.05	3.35	3.65	4.35	5.40	6.15	7.25	10.60	15.60

TREBLE FISH HOOKS, Extra Strong, Ringed, NICKEL PLATED, SPEAR POINT, NOT FEATHERED.

Nos.	2	1	0	2/0	3/0	4/0
Per Gross	$3.20	3.70	3.90	4.50	4.80	5.60

FEATHERED

Best Ringed, BRONZED, SPEAR POINT, ASSORTED FEATHERS.

Nos.	6	5	4	3	2	1	0
Per Gross	$5.60	5.60	5.60	5.60	5.60	5.60	6.15
Nos.	2/0	3/0	4/0	5/0	6/0	7/0	8/0
Per Gross	$6.70	7.50	8.10	8.70	10.60	12.80	13.90

GENUINE SKINNER'S Ringed, HOLLOW POINT, POLISHED, FINELY FEATHERED.

Nos.	3	2	1	1/0	2/0	3/0
Per Dozen	$1.35	1.35	1.35	1.60	1.60	1.60
Nos.	4/0	5/0	6/0	7/0	8/0	9/0
Per Dozen	$1.90	1.90	2.15	2.70	4.00	5.35

Feathered Hooks are the Same Size as the Plain.
One Gross in a Box.

PLAIN WEEDLESS

With Chicago Weed Guards.

Nos.	1	1/0
Per Doz.	$2.25	2.25
Nos.	3/0	5/0
Per Doz.	$2.25	2.90

These Hooks are absolutely weedless, and may be used on any artificial bait.

BING'S FEATHERED WEEDLESS

Best English Hooks, Polished, Beautifully Feathered, with Chicago Weed Guards.

Nos.	1	1/0
Per Doz.	$2.50	2.70
Nos.	3/0	5/0
Per Doz.	$2.90	3.10
No.		8/0
Per Doz.		$3.35

BING'S BUCKTAIL WEEDLESS

Best English Ringed Hooks, Polished, Genuine Bucktail Hair, with Chicago Weed Guards.

Nos.	1	1/0
Per Doz.	$3.15	3.35
Nos.	3/0	5/0
Per Doz.	$3.60	3.90

Casting Spoons.

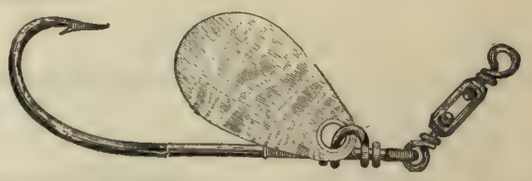
BING'S RAINBOW PEARL

Weedless, with Chicago Weed Guard.

Per Dozen

No. P2—With ⅞x¾ in. Pearl Spoon, No. 3/0 Sprout Hook and Brass Box Swivel.....**$4.50**

One-half Dozen in a Box.



Per Dozen

No. P1—With ⅞x¾ in Pearl Spoon, No. 3/0 Sprout Hook, Brass Box Swivel.....**$3.35**

One-half Dozen in a Box.

Casting Spoons.

BING'S WEEDLESS

Oval Shape Spoon, Half Gold and Half Nickel Plated, Brass Box Swivel, Hollow Point Hook, with Chicago Weed Guard.

Nos.	1	2	3
Size Spoon, Inches	1⅛x¾	1¼x¾	1¾x1
Per Dozen	$3.15	3.15	3.15

One-half Dozen in a Box.

Attachable Spoons.

BING'S

Oval Shape Spoon, Half Gold and Half Nickel Plated, Brass Box Swivel and Snap, without Hook.

Nos.	1	2
Size Spoon, Inches	1⅛x¾	1¼x¾
Per Dozen	$2.80	2.80

One-half Dozen in a Box.

Casting Spoons.

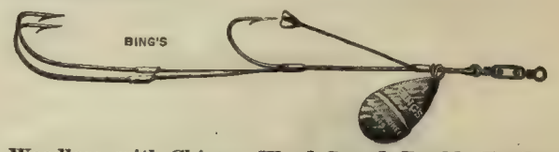
BING'S COMBINATION WEEDLESS

Weedless, with Chicago Weed Guard, Single Trailer.

Per Dozen

No. 8—1x1¼ in. Oval Shape Spoon, Half Gold and Half Nickel Plated, Brass Box Swivel.....**$3.60**

One Dozen in a Box.



Weedless, with Chicago Weed Guard, Double Trailer.

Per Dozen

No. 9—1¼x¾ in. Oval Shape Spoon, Half Gold and Half Nickel Plated, Brass Box Swivel.....**$4.15**

One Dozen in a Box.

Frog Tandems.

BING'S

Half Weedless, with Chicago Weed Guard.

Per Dozen

No. 15—Leaded, with Hollow Point Hooks (No. 5/0 Carlisle Front and No. 4/0 Sneck Rear), Brass Box Swivel **$3.15**

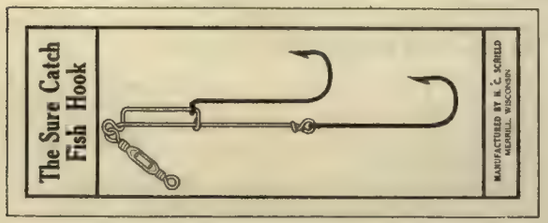
One-twelfth Dozen on a Card; One Dozen in a Box.

Full Weedless, with Chicago Weed Guard.

Per Dozen

No. 20—Leaded, with Hollow Point Hooks (No. 5/0 Carlisle Front and No. 4/0 Sneck Rear), Brass Box Swivel **$3.60**

One-twelfth Dozen on a Card; One Dozen in a Box.



SURE CATCH

Blued Sneck Hooks on Brass Gold Plated Wire, with Brass Box Swivel.

Per Dozen

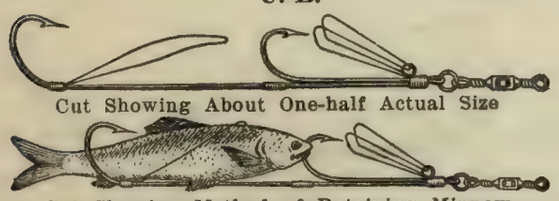
No. 7 —With No. 2/0 (for Bass), No. 4/0 (for Pike), and No. 6/0 (for Pickerel), Sneck Hooks on 18 Gauge Wire.....**$2.25**

No. 7½—With No. 2 (for Trout) Sneck Hook on 20 Gauge Wire **2.00**

One-twelfth Dozen on a Card, One Dozen in a Box.

Weedless Tandem Hooks.

U.-B.



Cut Showing About One-half Actual Size

Cut Showing Method of Retaining Minnow.

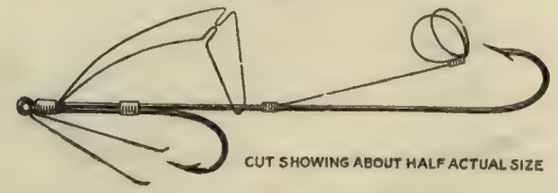
U.-B. Weedless Tandem.

Per Dozen

No. 65—With No. 3/0 Hollow Point Weedless Sprout Hook in Front and No. 4/0 Hollow Point Carlisle Hook in Rear, Fine Music Wire Looped Clamp Attached, Nickel Plated Over Copper Plate **$6.60**

Live Frog Harness.

U.-B.



U.-B. Frog Harness, Best Music Wire Weed Guard.

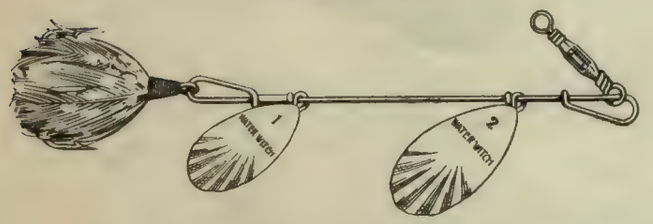
Per Dozen

No. 60—With No. 4/0 Extra Quality Filed Point Sprout Hook in Front and No. 6/0 Extra Quality Filed Point Carlisle Hook in Rear, Annealed Wire Saddle Loops, Nickel Plated..... **$6.60**

One-twelfth Dozen on a Card; One Dozen in a Box.

Double Trolling Spoons.

"WATERWITCH"



Fluted Pattern, Nickel Plated.

Per Dozen

No. 021—Mounted with No. 1 (1x⅞ in.) and No. 2 (1⅛x⅝ in.) Spoons, Nicely Feathered Treble Hook, Brass Box Swivel..... **$3.15**

One-twelfth Dozen on a Card; One Dozen in a Box.

SKINNER'S

Fluted Pattern, Nickel Plated.

Per Dozen

No. 21—Mounted with No. 1 (1x⅞ in.) and No. 2 (1⅛x⅝ in.) Spoons, Plain Treble Hook, Brass Box Swivel **$4.50**

One-twelfth Dozen on a Card; One Dozen in a Box.

Fly Spoons.

"WATERWITCH"

Fluted Pattern, Nickel Plated, with INTERCHANGEABLE PATTERN FLIES.

Per Dozen

No. 022—With No. 2 (1⅛x⅝ in.) Spoon and No. 1/0 Sprout Hook **$2.80**

No. 033—With No. 3 (1⅜x⅝ in.) Spoon and No. 1/0 Sprout Hook **2.80**

SKINNER'S

Fluted Pattern, Nickel Plated, with INTERCHANGEABLE PATTERN FLIES.

Per Dozen

No. 22—With No. 2 (1⅛x⅝ in.) Spoon and No. 1/0 Sprout Hook **$4.50**

No. 33—With No. 3 (1⅛x¾ in.) Spoon and No. 1/0 Sprout Hook **4.50**

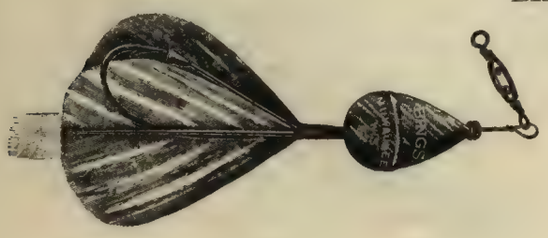
WATERWITCH INTERCHANGEABLE FLIES

Per Dozen

No. 123—Ringed Eye, for Nos. 22, 33, 022 and 033 Fly Spoons..... ..... **$1.70**

Flies Furnished—Brown Hackle, Grizzly King, White Miller, Coachman, Montreal, Ibis and Silver Doctor.

BING'S WEEDLESS



Nickel Plated and Gilt Outside and Red Painted Inside Spoon, Weedless, WITH INTERCHANGEABLE FLIES.

Per Dozen

No. 111—With No. 1 (1⅛x¾ in.) Spoon, Ringed Eye Interterchangeable Hook, Large Tail and Stiff Feather Wings **$5.60**

No. 112—Same Description as No. 111, but with No. 2 (1¼x¾ in.) Spoon **5.60**

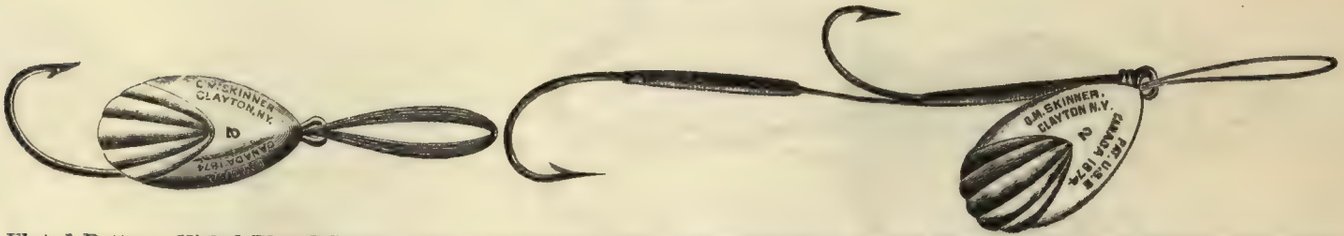
Furnished in Ibis and White Miller Flies.

One Dozen in a Box.

Casting Spoons.

Cuts Full Size.

SKINNER'S



Fluted Pattern, Nickel Plated Spoon, with Red Bead Bearing, on Gimp or Gut Snells.

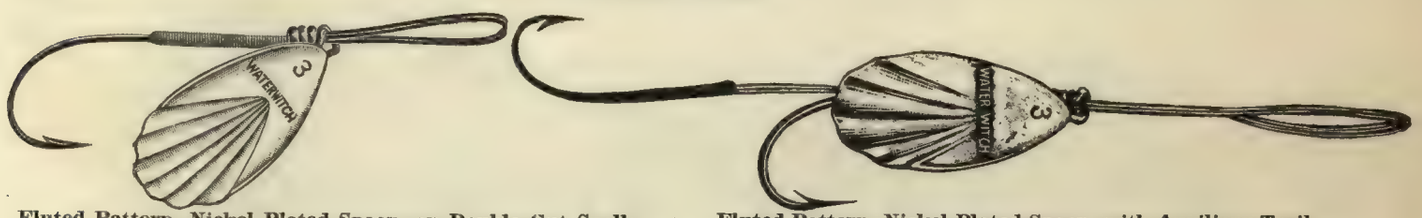
	Per Dozen
No. 0—With No. 0 ($\frac{3}{4}$x$\frac{7}{16}$ in.) Spoon, for Trout	**$2.60**
No. 1—With No. 1 (1x$\frac{9}{16}$ in.) Spoon, for Bass or Trout	**2.60**
No. 2—With No. 2 (1$\frac{1}{8}$x$\frac{5}{8}$ in.) Spoon, for Bass or Trout	**2.60**
No. 3—With No. 3 (1$\frac{5}{16}$x$\frac{3}{4}$ in.) Spoon, for Bass or Trout	**2.60**

For Bass the Spoon may be used without Bait, for Trout with Bait.

Fluted Pattern, Nickel Plated Spoon, with Red Bead Bearing, and Auxiliary Trail Hook.

	Per Dozen
No. 2X—With No. 2 (1$\frac{1}{8}$x$\frac{5}{8}$ in.) Spoon, Mounted on Nos. 2/0 and 1 Sprout Hooks, Gimp Snells	**$2.80**
No. 3X—With No. 3 (1$\frac{5}{16}$x$\frac{3}{4}$ in.) Spoon, Mounted on Nos. 2/0 and 1 Sprout Hooks, Gimp Snells	**2.80**
No. 4X—With No. 4 (1$\frac{1}{2}$x$\frac{11}{16}$ in.) Spoon, Mounted on Nos. 4/0 and 2/0 Sprout Hooks, 4-Ply Twisted Gut	**3.35**

"WATERWITCH"



Fluted Pattern, Nickel Plated Spoon, on Double Gut Snells.

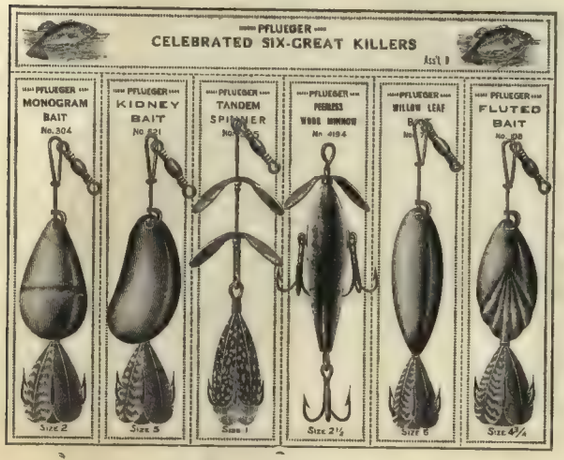
	Per Dozen
No. 01—With No. 1 ($\frac{15}{16}$x$\frac{11}{16}$ in.) Spoon, for Bass or Trout	**$1.70**
No. 02—With No. 2 (1$\frac{1}{8}$x$\frac{5}{8}$ in.) Spoon, for Bass or Trout	**1.70**
No. 03—With No. 3 (1$\frac{3}{8}$x$\frac{5}{8}$ in.) Spoon, for Bass or Trout	**1.70**

Fluted Pattern, Nickel Plated Spoon, with Auxiliary Trail Hook.

	Per Dozen
No. 02X—With No. 2 (1$\frac{1}{8}$x$\frac{5}{8}$ in.) Spoon, Mounted on Nos. 2/0 and 1 Sprout Hooks, Double Gut Snells	**$2.25**
No. 03X—With No. 3 (1$\frac{3}{8}$x$\frac{5}{8}$ in.) Spoon, Mounted on Nos. 2/0 and 1 Sprout Hooks, Double Gut Snells	**2.25**

One-twelfth Dozen on a Card; One Dozen in a Box.

Trolling Baits in Assortments.



Non-Luminous.

Per Card

No. BA Assortment—Consists of One Each No. 2 Monogram Bait, No. 5 Kidney Bait, No. 1 Tandem Spinner, No. 2½ Peerless Wood Minnow, No. 5 Willow Leaf Bait, No. 4¾ Fluted Bait, One-half Dozen Sewed on a Card 8½x6¾ in. **$1.60**

One Card in a Box.

Non-Luminous.

Per Card

No. HA Assortment—Consists of One Each No. 3 Coburg Bait, No. 5 Fluted Bait, No. 3 Black Bass Bait, No. 3 Monogram Bait, No. 4 Kidney Bait, No. 4 Oval Hammered Bait, One-half Dozen Sewed on a Card 8½x6¾ in. **$0.90**

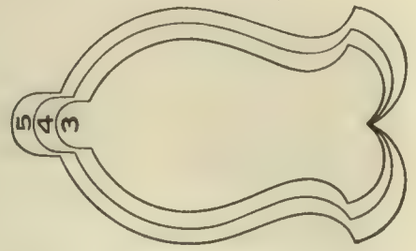
One Card in a Box.

Trolling Spoons.

Cuts Full Size.

DELAVAN

No. 4/0.



Scale of Sizes.

No. 10—Nickel Plated Blades, Brass Barrel Swivel, Two Fine JAPANNED LIMERICK SPEAR POINT Hooks.

Size Nos.	3/0	4/0	5/0
Size of Spoon, Inches	1¾x1	2x1⅛	2¼x1 5/16
Per Dozen	$2.00	2.00	2.00

No. 12—Nickel Plated Blades, Brass Barrel Swivel, Two Long Shank BRONZED ABERDEEN SPEAR POINT Hooks.

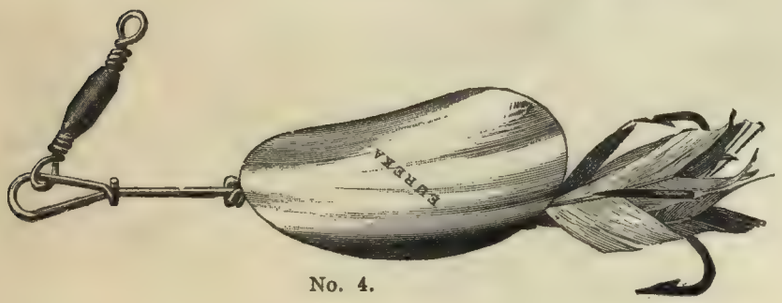
Size Nos.	3/0	4/0	5/0
Size of Spoon, Inches	1¾x1	2x1⅛	2¼x1 5/16
Per Dozen	$2.00	2.00	2.00

No. 14—Copper Blades, Brass Barrel Swivel, Two Long Shank BRONZED ABERDEEN HOLLOW POINT Hooks.

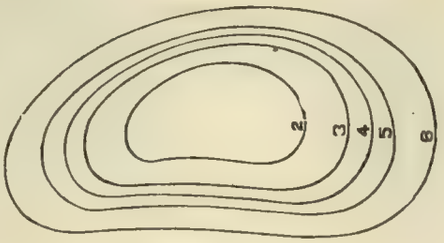
Size Nos.	3/0	4/0	5/0
Size of Spoon, Inches	1¾x1	2x1⅛	2¼x1 5/16
Per Dozen	$2.50	2.50	2.50

One Dozen in a Box.

EUREKA



No. 4.



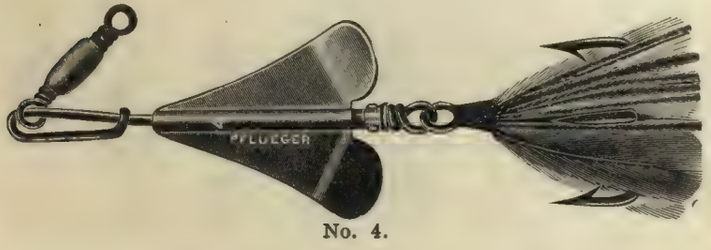
Scale of Sizes.

No. 155—Kidney Pattern, Tinned Spoon, Feathered Treble Hooks, Brass Barrel Swivel.

Size Nos.	2	3	4	5	6
Size of Spoon, Inches	1 1/16x 5/16	1½x¾	1⅞x⅞	2⅛x1	2⅝x1⅛
Per Dozen	$0.80	.80	.80	.90	.90

One Dozen in a Box.

IRVIN SPINNERS



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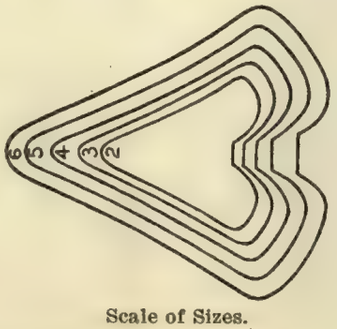


Scale of Sizes.

No. 166—Plain Metal, Nickel Plated Blade, Feathered Treble Hooks, with Brass Barrel Swivel.

Size Nos.	2	3	4	5	6
Size of Spoon, Inches	1x⅞	1⅛x1	1⅜x1⅛	1⅞x1½	2x1⅛
Per Dozen	$1.45	1.45	1.45	1.45	1.45

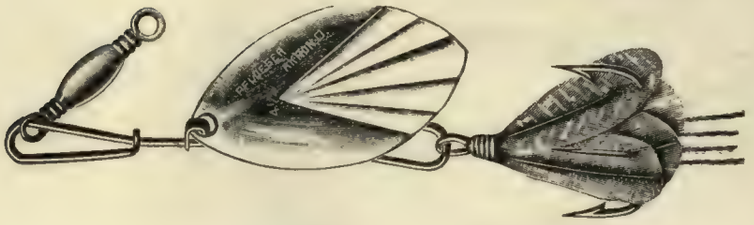
One Dozen in a Box.

Approximate Weight Per Dozen of Above ⅝ Pound.

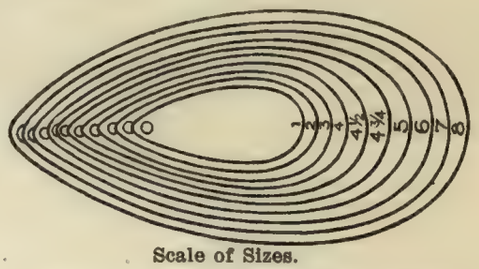
Trolling Spoons.

Cuts Full Size.

PFLUEGER'S "FLUTED" NON-LUMINOUS



No. 4½.



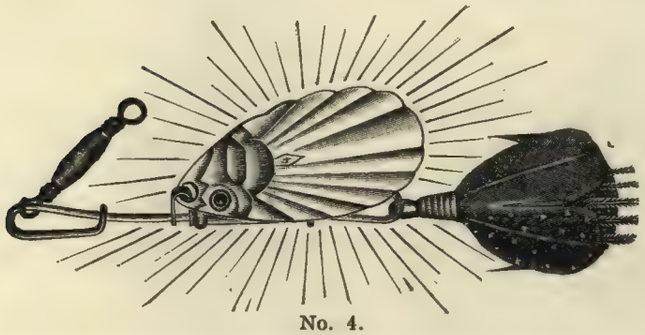
Scale of Sizes.

No. 110—Oval Fluted Pattern, Nickel Plated Spoon, Feathered Treble Hooks, with Brass Barrel Swivel.

Size Nos.	1	2	3	4	4½	4¾	5	6	7	8
Size Spoon, Inches	1⅛x½	1¼x⅝	1⅜x⅝	1½x⅞	1 3/16x⅞	1⅝x 15/16	2x1⅛	2¼x1 3/16	2½x1¼	2¾x1⅜
Per Dozen	$1.15	1.15	1.15	1.15	1.15	1.15	1.25	1.25	1.35	1.35

One Dozen in a Box.

PFLUEGER'S "SUCCESS" LUMINOUS



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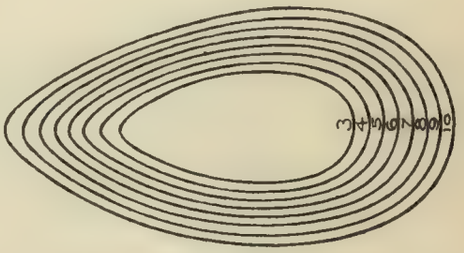


Scale of Sizes.

No. 132—Oval Fluted Pattern, Minnow Heads, Nickel Plated Spoon, Feathered Treble Hooks, with Brass Barrel Swivel.

Size Nos.	3	4	5	6	7	8	9	10
Size of Spoon, Inches	1⅜x⅝	1½x⅞	1⅝x1	1⅞x1	2x1	2¼x1⅛	2⅜x1¼	2⅝x1⅜
Per Dozen	$3.00	3.00	3.00	3.00	3.25	3.25	3.90	3.90

Nos. 3 to 6, One Dozen; Nos. 7 to 10, One-half Dozen in a Box.

PEARL TROLLING SPOONS

Cuts Two-third Size.

No. 4.

No. 3.

No. 177—Kidney Pattern, Single Pearl Spoon with Brass Eyelets, Hollow Point Feathered Treble Hooks, Patent Sleeve and Glass Beads, with Brass Barrel Swivel.

Size Nos.	2	3	4
Size Spoon, Inches	1⅛x¾	1¼x¾	1¾x1
Per Dozen	$3.35	3.35	3.70

Size Nos.	5	6
Size Spoon, Inches	1¾x1⅛	2x1¼
Per Dozen	$3.90	4.50

One-half Dozen in a Box.

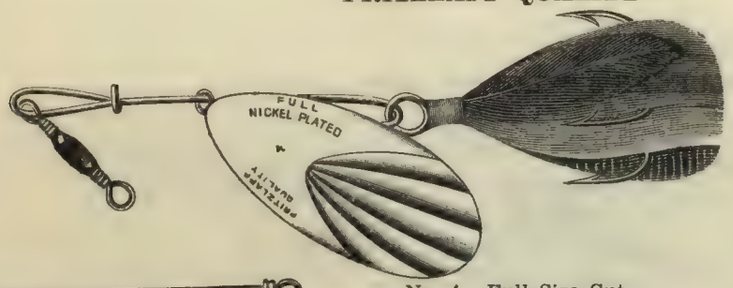
No. 188—Kidney Pattern, Double Pearl Spoon with Brass Eyelets, Hollow Point Feathered Treble Hooks, Patent Sleeve and Glass Beads, with Brass Barrel Swivel.

Size Nos.	2	3	4
Size Spoon, Inches	1⅛x¾	1¼x¾	1¾x1
Per Dozen	$4.50	4.80	5.60

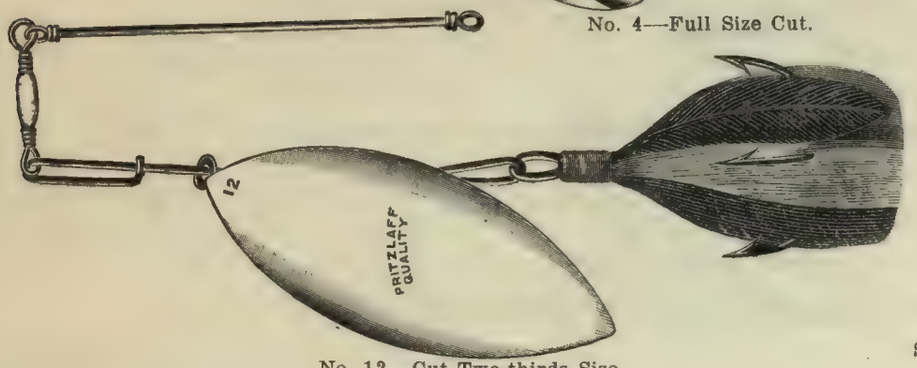
One-half Dozen in a Box.

Trolling Spoons.

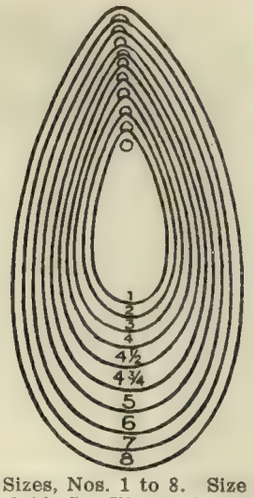
"PRITZLAFF QUALITY"



No. 4—Full Size Cut.



No. 12—Cut Two-thirds Size.



Scale of Sizes, Nos. 1 to 8. Size of Nos. 9 and 12, See Illustration Below.

No 100—Oval, Fluted Pattern, NICKEL PLATED BRASS SPOON, Feathered Treble Hooks, Brass Barrel Swivel, Brass Spring Snap.

Size Nos.	1	2	3	4	4½	4¾
Size of Spoon, Inches	1⅛ x ½	1⅛ x 9/16	1½ x ¾	1⅝ x ¾	1⅝ x ⅞	1⅞ x ⅞
Per Dozen	$2.50	2.50	2.50	2.50	2.50	2.50

					Plain Spoon	
Size Nos.	5	6	7	8	9	12
Size of Spoon, Inches	2⅛ x1	2¼ x1⅛	2½ x1⅛	3x1½	3¼ x1½	3⅞ x1½
Per Dozen	$3.35	3.35	4.25	4.25	5.60	6.70

No. 101—Oval, Fluted Pattern, WHITE ENAMELED SPOON, Feathered Treble Hooks, Brass Barrel Swivel, Brass Spring Snap.

Size Nos.	4	4½	4¾	5	6	7	8
Size of Spoon, Inches	1⅜ x ⅞	1⅝ x ⅞	1⅞ x ⅞	2⅛ x1⅛	2¼ x1⅛	2⅜ x1¼	2⅝ x1¼
Per Dozen	$3.35	3.60	3.90	4.25	4.65	5.15	5.60

No. 102—Oval, Fluted Pattern, COPPER SPOON, Feathered Treble Hooks, Brass Barrel Swivel, Brass Spring Snap.

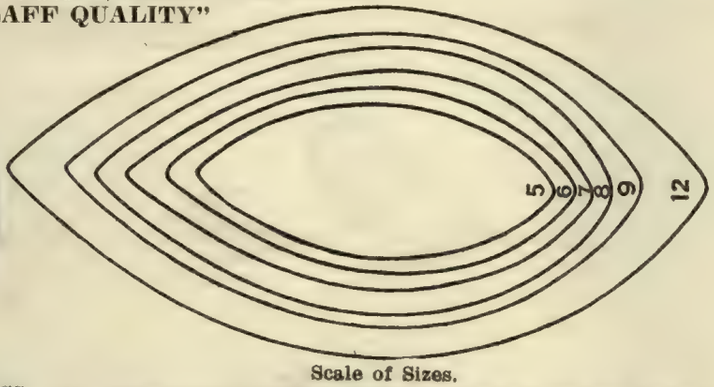
Size Nos.	4¾	5
Size of Spoon, Inches	1⅞ x ⅞	2⅛ x1
Per Dozen	$2.50	3.35

The Pritzlaff Quality Trolling Spoons are Extra Fine, Full Feathered, Finished with Best Quality Hollow Point Treble Hooks, Feathered with Duck and Guinea Feathers.

Nos. 1 to 8, One Dozen; Nos. 9 and 12, One-half Dozen in a Box.

"PRITZLAFF QUALITY"

No. 5—Cut Two-thirds Size.



Scale of Sizes.

No. 105—Oval, PLAIN Pattern, NICKEL PLATED BRASS SPOON, Feathered Treble Hooks, Brass Barrel Swivel, Brass Spring Snaps.

Size Nos.	5	6	7
Size of Spoon, Inches	2⅛ x1	2¼ x1⅛	2¾ x1 3/16
Per Dozen	$3.35	3.35	4.25

Size Nos.	8	9
Size of Spoon, Inches	3x1 7/16	3¼ x1¾
Per Dozen	$4.25	5.60

One-half Dozen in a Box.

No. 106—Oval, PLAIN PATTERN, COPPER SPOON, Feathered Treble Hooks, Brass Barrel Swivel, Brass Spring Snap.

Size Nos.	5	6	7
Size of Spoon, Inches	2⅛ x1	2¼ x1⅛	2¾ x1 3/16
Per Dozen	$3.35	3.35	4.25

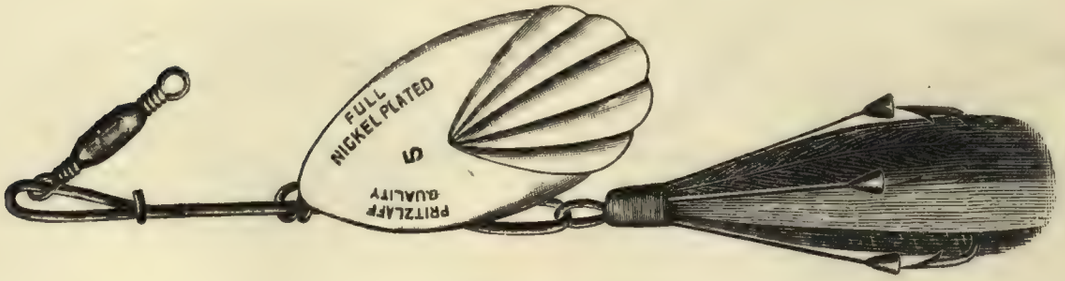
Size Nos.	8	9	12
Size of Spoon, Inches	3x1 7/16	3¼ x1¾	3¾ x1⅝
Per Dozen	$4.25	5.60	6.70

One-half Dozen in a Box.

Approximate Weight Per Dozen of Above 1¼ Pounds.

Trolling Spoons.

"PRITZLAFF QUALITY" WEEDLESS, FEATHERE



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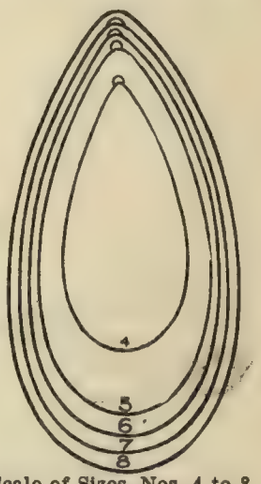


Scale of Sizes, Nos. 4 to 8.
For Size of Nos. 9 to 12, See Page 2102.

No. 200—Oval, Fluted Pattern, NICKEL PLATED SPOON, Weedless Feathered Hollow Point Treble Hooks, Brass Barrel Swivel, Brass Spring Snaps.

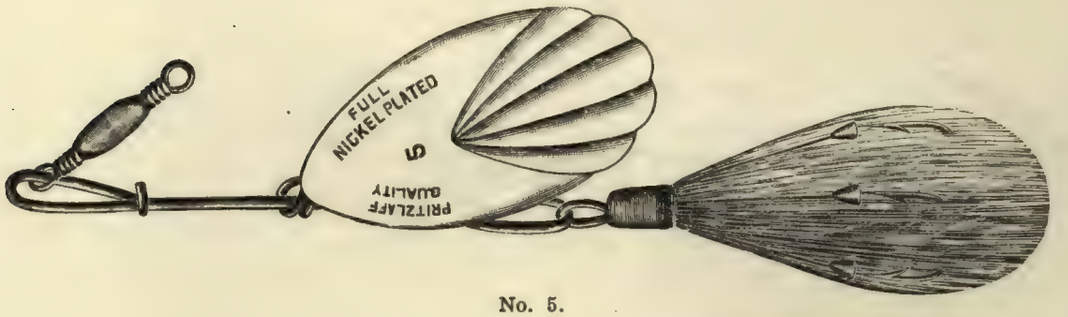
						Plain Spoon	
Size Nos.	4¾	5	6	7	8	9	12
Size of Spoon, Inches	1⅞x⅞	2⅛x1	2¼x1⅛	2½x1⅛	3x1½	3¼x1½	3⅞x1½
Per Dozen	$5.50	6.00	6.25	7.00	7.50	9.00	11.00

No. 201—Oval, Fluted Pattern, WHITE ENAMELED SPOON, Weedless Feathered Hollow Point Treble Hooks, Brass Barrel Swivel, Brass Spring Snaps.

Size Nos.	4	4½	5	6	7	8
Size of Spoon, Inches	1⅜x⅞	1⅝x⅞	2⅛x1⅛	2¼x1⅛	2⅜x1¼	2⅝x1¼
Per Dozen	$6.00	6.50	7.00	7.50	8.00	8.50

One Dozen in a Box.

"PRITZLAFF QUALITY" WEEDLESS, BUCKTAIL



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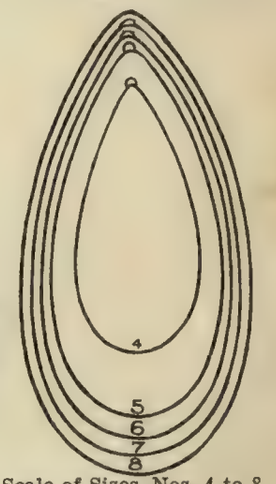


Scale of Sizes, Nos. 4 to 8.
For Size of Nos. 9 and 12, See Page 2102.

No. 300—Oval, Fluted Pattern, NICKEL PLATED SPOON, Weedless Bucktail Treble Hooks, Brass Barrel Swivel, Brass Spring Snaps.

						Plain Spoon	
Size Nos.	4¾	5	6	7	8	9	12
Size of Spoon, Inches	1⅞x⅞	2⅛x1	2¼x1⅛	2½x1⅛	3x1½	3¼x1½	3⅞x1½
Per Dozen	$6.00	6.50	6.75	7.50	8.00	9.50	11.50

No 301—Oval, Fluted Pattern, WHITE ENAMELED SPOON, Weedless Bucktail Treble Hooks, Brass Barrel Swivel, Brass Spring Snap.

Size Nos.	4	4½	5	6	7	8
Size of Spoon, Inches	1⅜x⅞	1⅝x⅞	2⅛x1⅛	2¼x1⅛	2⅜x1¼	2⅝x1¼
Per Dozen	$6.50	7.00	7.50	8.00	8.50	9.00

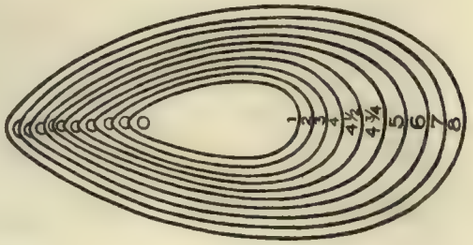
One Dozen in a Box.

Approximate Weight Per Dozen of Above 1¼ Pounds.

Trolling Spoons.

SKINNER'S

No. 4½—Full Size Cut.



Scale of Sizes.

Oval, Fluted Pattern, NICKEL PLATED SPOON, Feathered Treble Hooks, Brass Swivel.

Nos.	0	1	2	3	4	4½	4¾	5	6	7	8
Size Spoon, Length, In.	¾	1	1⅛	1⅛	1½	1⅝	1 1/16	2⅛	2 1/16	2 7/16	2⅝
Per Dozen	$3.35	3.35	3.35	3.35	3.35	3.35	3.35	4.50	4.50	5.60	5.60

Oval, Fluted Pattern, Nickel Plated Spoon, INSIDE GILT BOWL, Feathered Treble Hooks, Brass Swivel.

Nos.	1	2	3	4	4½	4¾	5	6	7	8
Size Spoon, Length, Inches	1	1⅛	1⅛	1½	1⅝	1 1/16	2⅛	2 1/16	2 7/16	2⅝
Per Dozen	$4.25	4.25	4.25	4.25	4.25	4.25	5.35	5.35	6.50	6.50

Oval Fluted Pattern, COPPER SPOON, Feathered Treble Hooks, Brass Swivel.

Nos.	1	2	3	4	4½	4¾	5	6	7	8
Size Spoon, Length, Inches	1	1⅛	1⅛	1½	1⅝	1 1/16	2⅛	2 1/16	2 7/16	2⅝
Per Dozen	$3.35	3.35	3.35	3.35	3.35	3.35	4.50	4.50	5.60	5.60

Approximate Weight Per Dozen 1¼ Pounds.

One Dozen in a Box.

No. 9—Two-thirds Size.

Oval Pattern, Plain, NICKEL PLATED SPOON, Feathered Treble Hooks, Brass Swivel.

Nos.	9	12
Size of Spoon, Inches	2⅞x1⅜	3¾x1½
Per Dozen	$6.70	11.15

Oval Pattern, Plain, Nickel Plated Spoon, INSIDE GILT BOWL, Feathered Treble Hooks, Brass Swivel.

No.	9
Size of Spoon, Inches	2⅞x1⅜
Per Dozen	$7.60

Oval Pattern, Plain, COPPER SPOON, Feathered Treble Hooks, Brass Swivel.

No.	9
Size of Spoon, Inches	2⅞x1⅜
Per Dozen	$6.70

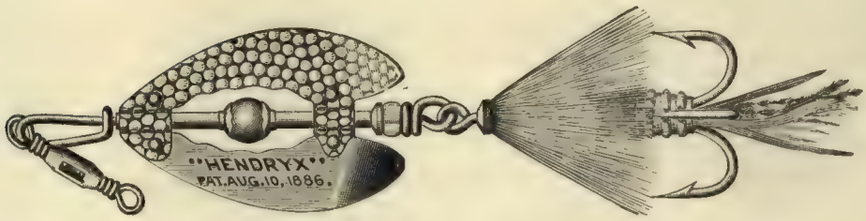
Approximate Weight Per Dozen 1⅛ Pounds.

Nos. 9 and 12, One-half Dozen in a Box.

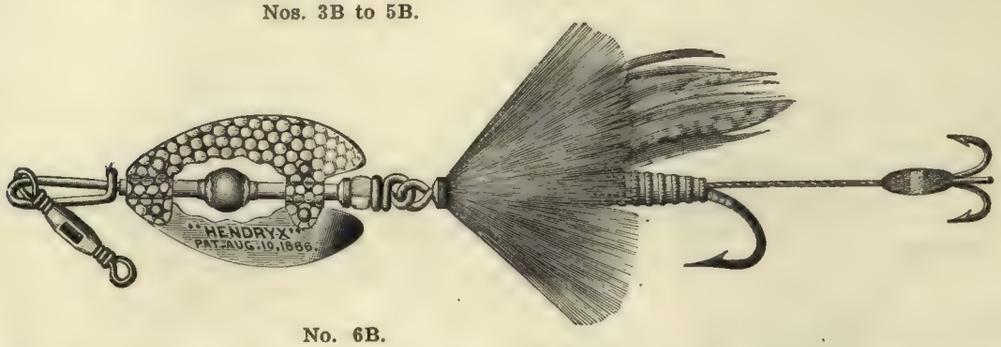
Trolling Spoons.

AMERICAN SPINNER, WITH BUG

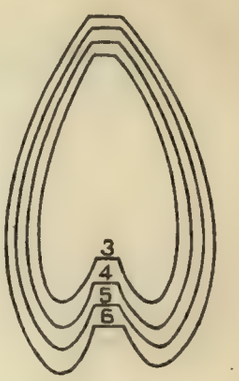
Cuts Full Size.



Nos. 3B to 5B.



No. 6B.



Scale of Sizes.

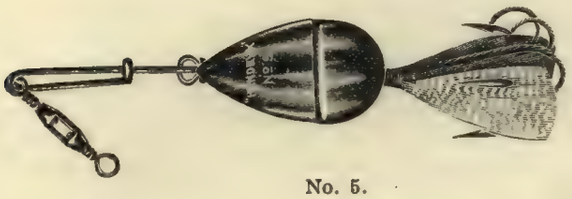
No. 199—Hammered Bronze, Nickel Plated and Brass Blade, Best Quality Hollow Point Feathered Treble Hooks, with Finely Colored Bug, Brass Swivels.

Size Nos.	3B	4B	5B	6B
Size of Blade, Inches	2 1/16 x 1 3/16	1 7/8 x 1 1/8	1 5/8 x 1 1/16	1 3/8 x 7/8
No. of Hooks	3/0	2/0	1/0	1
Per Dozen	$6.70	6.70	6.70	6.70

Approximate Weight Per Dozen 1½ Pounds.

One-twelfth Dozen in a Box; One-half Dozen in a Package.

HENDRYX, "A" QUALITY



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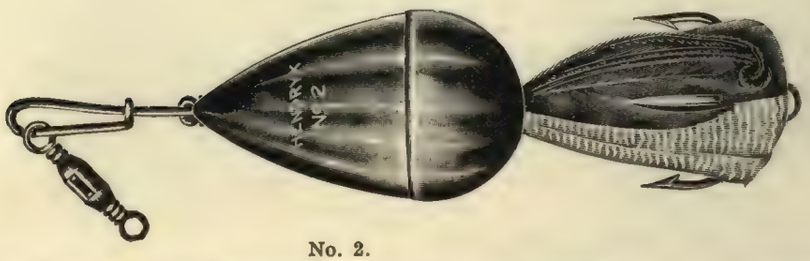

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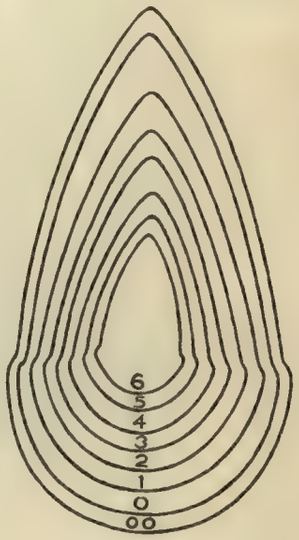


Scale of Sizes.

No. 350—Extra Fine, Half Gold and Half Nickel Plated Brass Spoon, Full Feathered with Duck, Peacock and Guinea Feathers, Best Quality Hollow Pointed Treble Hook, Spring Brass Snap and Best Quality Brass Swivel.

Size Nos.	6	5	4	3	2	1	0	00
Size Spoon, Inches	1 1/16 x 1/2	1 1/8 x 5/8	1 3/8 x 7/8	1 5/8 x 15/16	1 5/8 x 1 1/8	2 3/16 x 1 1/4	2 11/16 x 1 1/2	2 15/16 x 1 5/16
No. of Hooks	6	4	1	1/0	2/0	4/0	6/0	7/0
Per Dozen	$2.80	2.80	2.80	3.65	3.65	3.65	4.50	4.50

Approximate Weight Per Dozen 1½ Pounds.

One Dozen in a Box.

Muscallonge Baits.

TROLLING SPOONS

HOLT'S

No. 6—Half Size Cut.

Oval Pattern, Nickel Plated Spoon, Extra Heavy Feathered Treble Spear Point Hooks, Brass Barrel Swivel, Brass Wire Leader.

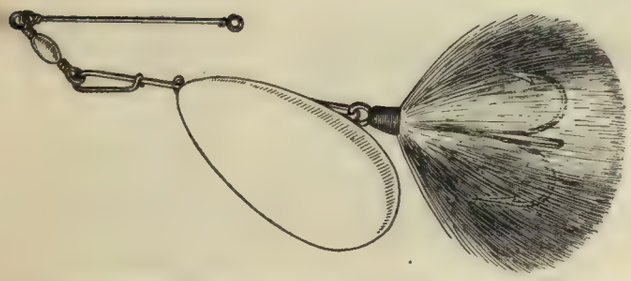
Nos.	6	7	8
Size of Spoon, Inches	2¾x1⅜	3¼x1⅝	3⅝x2⅞
Per Dozen	$4.50	4.50	4.50

Approx. Weight Per Dozen 1 Pound.

One Dozen in a Box.

SOUTH BEND SPECIAL

Cuts Half Size.



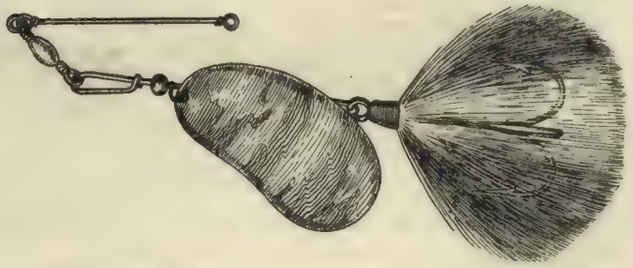
Extra Strong, Nickel Plated, Oval Spoon, Heavy Hollow Point Treble Hook, **Long Heavy Bucktail Hair,** White with Red Mixed, Brass Barrel Swivel, Brass Wire Leader.

Per Dozen

No. 710A—3¾x1⅝ in. Spoon, No. 10/0 Heavy Treble Hook **$11.15**

Approx. Weight Per Dozen 1½ Pounds.

One-twelfth Dozen in a Box.



Extra Strong Pearl Kidney Pattern Spoon, Heavy Hollow Point Treble Hook, **Long Heavy Bucktail Hair,** White with Red Mixed, Brass Barrel Swivel, Brass Wire Leader.

Per Dozen

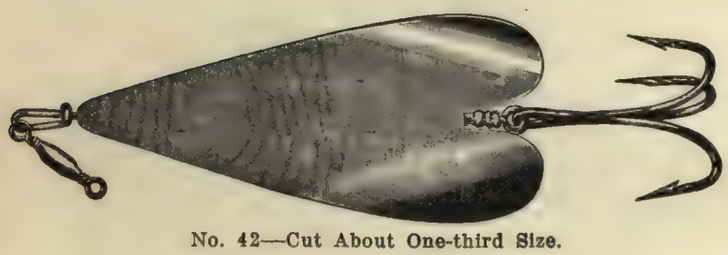
No. 710P—3x1½ in. Spoon, No. 10/0 Heavy Treble Hook **$14.50**

Approx. Weight Per Dozen 1½ Pounds.

One-twelfth Dozen in a Box.

Muscallonge Spinners.

McMURRAY'S



No. 42—Cut About One-third Size.

Extra Strong, Nickel Plated Blade, Hollow Point Treble Hook, Brass Barrel Swivel.

Per Dozen

No. 42—7x3 in. Blade, No. 10/0 Extra Strong Hook **$15.60**

Approx. Weight Per Dozen 4½ Pounds.

One-twelfth Dozen in a Box.

Muscallonge Minnows.

Pure Soft Rubber, Silver Belly, Blended Green Back, Mounted with Extra Strong Hollow Point Feathered Treble Hook, Brass Barrel Swivel, Metal Side Fins.

Per Dozen

No. 819—7 in. Long **$28.90**

Approx. Weight Per Dozen 5 Pounds.

One-twelfth Dozen in a Box.

No. 819—Third Size Cut.

Decoy Minnows.

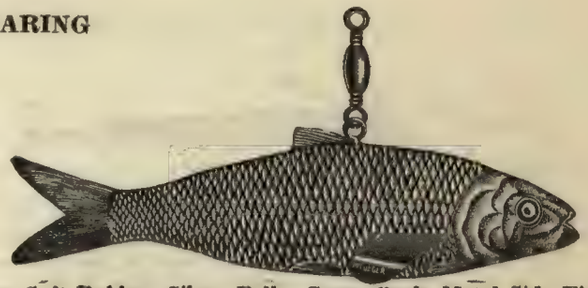
FOR FISH SPEARING

HEDDON'S, Red Cedar Wood Body, with Twisted Tail, Nicely Enameled, Glass Eyes, Swivel Fastening, Nickel Plated Polished Fins on Sides, Top and Bottom, Fancy Green Back or Perch Finish.

Per Dozen

No. 16—5¼ in. Long, Weight Each 2½ Oz. **$17.80**

One-twelfth Dozen in a Box.



Pure Soft Rubber, Silver Belly, Green Back, Metal Side Fins.

Per Dozen

No. 10—7 in. Long, Approx. Weight Per Dozen 4½ Lbs. **$17.80**

These Minnows are weighted and balanced with a Lead Core, dancing merrily by simply pulling a line.

One-twelfth Dozen in a Box.

Fish Baits.

ADMIRAL

Full Size Cut of No. 7.

Non-Luminous, Pure Soft Rubber Minnow, Nickel Plated Hammered Spoon, Fitted with One Hollow Point Feathered Treble Hook and One Plain Treble Hook, Brass Barrel Swivel.

Nos.	7	8	9
Size of Spoon, Inches	1½x⅝	1¾x¾	2x1
Length of Minnow, Inches	2	2½	3
Per Dozen	$7.25	9.50	10.60

Nos. 7 and 8 Have Two Treble Hooks; No. 9 Has Three Treble Hooks.

Approx. Weight Per Dozen 1½ Pounds.

One-twelfth Dozen in a Box; One-half Dozen in a Carton.

SOFT RUBBER MINNOWS

No. 07—Full Size Cut.

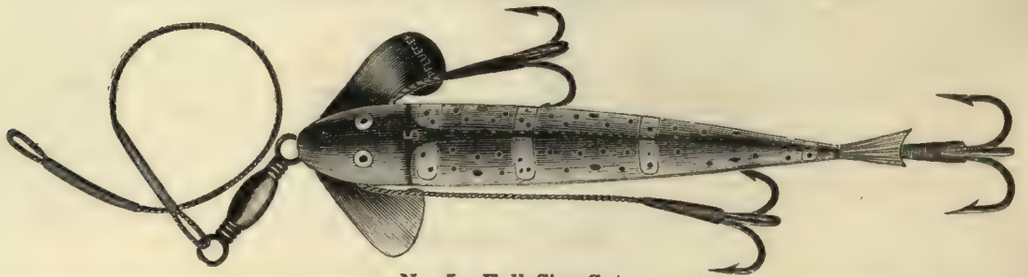
Non-Luminous, Decorated Green and Brown, Fitted with One Feathered Treble Hook and One Plain Treble Hook, **without Spoon**, Brass Barrel Swivel.

Nos.	07	08	09
Lgth. Minnow, In.	2	2½	3
Per Dozen	$6.70	8.90	10.00

Approx. Weight Per Dozen 1 Pound.

Nos. 07 and 08 Have Two Treble Hooks, No. 09 Has Three Treble Hooks.

FAMED SILK PHANTOM MINNOWS



No. 5—Full Size Cut.

First Quality, Waterproof Oiled Silk Body, Assorted Colors, Brown, Blue, Red and Silver, Also Nos. 3, 4 and 5 in Gold and Perch, WITH LEADER AND BRASS BARREL SWIVEL.

Nos.	0	1½	3	4	5	6	7	8	All Large Hooks 17	18
Length of Minnow, Inches	1¾	2¼	3	3¼	3½	4	4¼	4½	4¼	4½
Per Dozen	$4.50	4.50	4.50	5.00	5.00	6.15	7.00	7.60	7.80	8.35

Approx. Weight Per Dozen 1½ Pounds.

One-twelfth Dozen on a Card; Six Cards in a Box.

Fish Baits.

PORPOISE HIDE PHANTOM MINNOWS

SPECIAL PORPOISE HIDE BODY, Assorted Colors, Brown, Blue and Silver, CABLE WIRE LEADER, Two Brass Barrel Swivels, Extra Strong and Large Treble Hooks.

Nos.	25	26	27	28
Length, Inches	3½	4	4¼	4½
Per Dozen	$13.90	14.75	17.80	18.90

Approx. Weight Per Dozen 1 Pound.

One-twelfth Dozen on a Card; Six Cards in a Box.

DEVON MINNOWS

NON-LUMINOUS, Nickel Plated Metal Body, Spear Point Treble Hooks, Two Ply Wire Cable Leader, Brass Swivel.

Nos.	1	2	3	4	5
Length, Inches	2	2¼	2½	2¾	3
Per Dozen	$6.15	6.15	6.15	6.15	6.15

Approx. Weight Per Dozen 1 Pound.

One-twelfth Dozen on a Card; Six Cards in a Box.

Fish Baits.

EDGREN

High Grade Cold Rolled Flat Steel Body, Highly Nickel Plated, Feathered Treble Hook, Brass Swivel.

	Per Dozen
No. 1—2¼ in. Long, Approx. Weight Per Dozen About ⅞ Lb.	$ 8.90
No. 2—2¾ in. Long, Approx. Weight Per Dozen About 1 Lb.	10.60

For Casting and Trolling. The screw motion forces away all weeds and grass.

One-twelfth Dozen in a Box.

Minnow Gangs.

ST. LAWRENCE

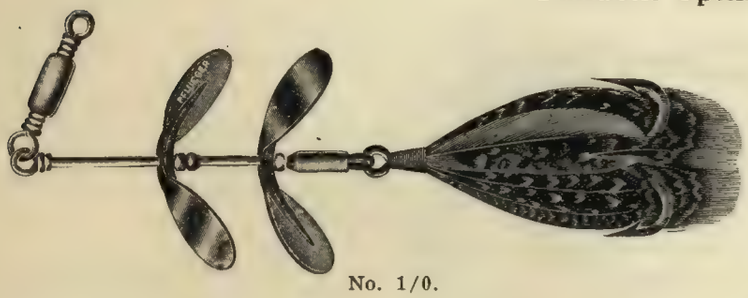
Best Elastic Spring Steel Hollow Point Hooks, with Baiting Needle, Adjustable Lip Hook, Brass Barrel Swivels, Mounted on Silk Gimp.

Size Treble Hooks.	3	2	1	1/0	2/0	3/0
Per Dozen	$3.90	3.90	3.90	4.20	4.20	4.50

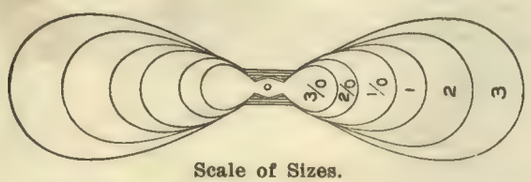
Can be instantly adjusted to any size minnow, and does not kill same. The Treble Swivels give positive revolution of bait and make it impossible to kink or twist the line.

Approx. Weight Per Dozen ½ Pound.
One on a Card; Six Cards in a Box.

Tandem Spinners.



No. 1/0.



Scale of Sizes.

Luminous, Hollow Point, Finely Feathered Treble Hook, Brass Barrel Swivel, Nickel Plated Blades, Revolving in Opposite Directions, Spinning Freely.

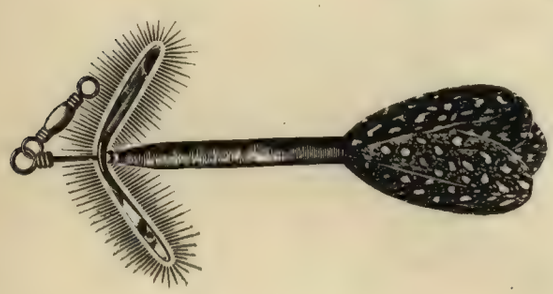
Nos.	3/0	2/0	1/0	1	2	3
Size of Blade, Inches	¾ x ¼	1 x ⅝	1½ x 7/16	1¾ x ½	2⅜ x ⅝	3 x 1⅛
For	Trout	Trout	Bass	Bass	Pickerel	Pickerel and Muscallonge
Per Dozen	$5.60	5.60	7.00	7.50	8.60	10.00

Approx. Weight Per Dozen 1 Pound.

One Dozen in a Box.

Bass Spinners.

RED DEVIL



SCARLET BODY, Varnished and Ballasted, Luminous Under Blade, Nickel Plated Top Spinner, Brass Barrel Swivel, Feathered Treble Hook.

	Per Dozen
No. 2700—Size 2, 2⅜ x ⅝ in. Blade, for Bass, Pickerel and Muscallonge, Approx. Weight Per Dozen 1 Lb.	$10.00

One Dozen in a Box.

Bucktail Specialties.

BUCKTAIL SPOON BASS FLIES
SOUTH BEND

WEEDLESS, WEIGHTED, Tied with Genuine Deer Tail Hair, Red, White, Brown and Gray Colors, on Hollow Point Hook, Nickel Plated Spoon.

Per Dozen

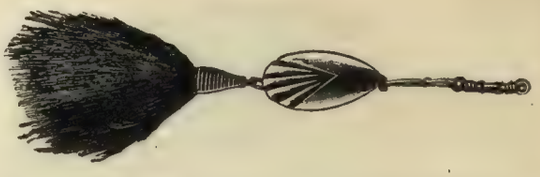
No. 154—1⅛x⅝ in. Spoon, Tied to No. 5/0 Hook....**$8.90**

Approx. Weight Per Dozen 8 Ounces.

When ordering, specify Color wanted.

One-twelfth Dozen on a Card; One-half Dozen in a Box.

BUCKTAIL CASTING SPOONS
"WATERWITCH"



Tied with Genuine Deer Tail Hair, RED FEATHER CENTER, on Hollow Point Bronzed Treble Hook, Nickel Plated Spoon.

Per Dozen

No. 3—1¼x⅝ in. Spoon, Mounted on Wire Rod, Tied to Nos. 1/0, 2/0, 3/0 and 4/0 Treble Hooks...**$3.15**

Approx. Weight Per Dozen ⅝ Pound.

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL MINNOW SPOONS
"WATERWITCH"

Tied with Genuine Deer Tail Hair, RED FEATHER CENTER, on Hollow Point Bronzed Single and Treble Hooks, Nickel Plated Spoon.

Per Dozen

No. 5—1½x¾ in. Spoon, Tied to Nos. 2/0, 3/0, 4/0 and 5/0 Treble Hooks.....**$4.50**

Approx. Weight Per Dozen ⅝ Pound.

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL TREBLE HOOKS
"WATERWITCH"

No. 8—Tied with Genuine Deer Tail Hair, RED FEATHER CENTER, on Hollow Point Bronzed Treble Hook.

Size of Hooks, Nos.....	1/0	2/0	3/0	4/0
Per Dozen	$2.00	2.00	2.00	2.25
Size of Hooks, Nos.....	**5/0**	**6/0**	**7/0**	**8/0**
Per Dozen	$2.25	2.50	2.50	2.80

Approx. Weight Per Dozen 5 Ounces.

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL GANGS

WATERWITCH, Tied with Genuine Deer Tail Hair, RED FEATHER CENTER on Hollow Point Bronzed Single and Double Hooks.

Per Dozen

No. 6—Tied to Nos. 1/0, 2/0, 3/0 and 4/0 Hooks....**$3.15**

SPECIAL, Tied with Extra Heavy Filled White Deer Tail Hair, 4¼ in. Long, on Hollow Point Bronzed Treble Hooks.

Per Dozen

No. 4—Special, Tied on Upper No. 5/0 and Lower No. 4/0 Treble Hooks.....**$6.70**

Approx. Weight Per Dozen 6 Ounces.

One-twelfth Dozen on a Card; One Dozen in a Box.

BUCKTAIL ASSORTMENT

BUCKTAILS, Made of Genuine Deer Tail Hair, Tied with Silk.

Per Assortment

No. 352—South Bend Buck Tail Baits and Weedless Fish Hook Assortment, Consists of Twenty Baits and Hooks Mounted on an Easel Back Card 20½x13½ in., Weight Per Card About 1½ Lbs. **$7.80**

One Assortment in a Package.

Fish Baits.

WOODEN MINNOW ASSORTMENT

Trolling and Casting Minnows.

Per Assortment

No. 358—South Bend Assortment, Consists of One Dozen Minnows with Selected Red Cedar Bodies, Specially Treated and Waterproofed, Finished in Many Coats of Enamel, Beautifully Blended in a Variety of Colors, Spinners, Hooks and Mountings Beautifully Nickel Plated, Mounted on an Easel Back Card, 20½x13½ in., Weight Per Assortment About 1½ Lbs. **$8.00**

One Assortment in a Box.

"PEERLESS" WOODEN MINNOW ASSORTMENT

Trolling and Casting Minnows.

Per Assortment

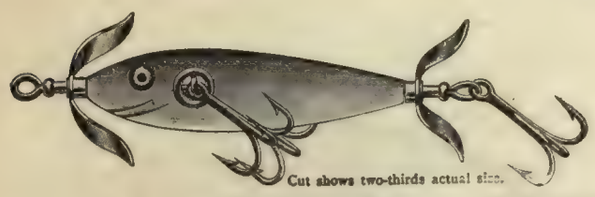
No. 115—Peerless Assortment, Consists of One Dozen 2½ in. Body Minnows, Coated with Elastic Waterproof Porcelain Enamel, Assorted Green Back with White Belly and Red Back with White Belly, Three Treble Hooks, Nickel Plated Spinners and Connections, Mounted on 12x12 in. Card, Weight Per Assortment About 1½ Lbs. **$2.00**

One Assortment in a Box.

Wooden Minnows.

"NEVERFAIL"

Selected Red Cedar Round Bodies, Coated with Special Elastic Waterproof Enamel, Nickel Plated Detachable Hooks, Spinners and Connections.



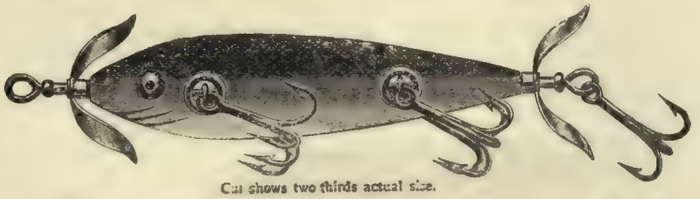
Cut shows two-thirds actual size.

2¾ in. BODY, Two Nickel Plated Spinners, Three Nickel Plated Treble Hooks.

	Per Dozen
No. 73—White Enamel Belly, Blended Rainbow Back	**$5.35**
No. 80—White Enamel Over All	**5.35**
No. 81—Red Enamel Over All	**5.35**
No. 84—White Enamel Belly, Blended Yellow and Red Back	**5.35**
No. 85—White Enamel Belly, Blended Green Back	**5.35**

Weight Per Dozen About 2¾ Pounds.

One in a Box; One Dozen in a Package.



Cut shows two thirds actual size.

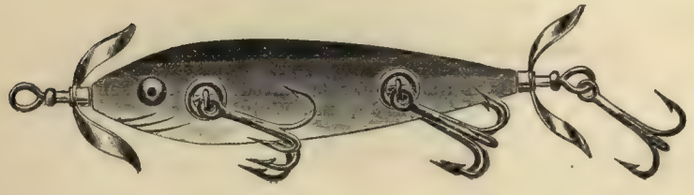
3⅝ in. BODY, Two Nickel Plated Spinners, Five Nickel Plated Treble Hooks.

	Per Dozen
No. 173—White Enamel Belly, Blended Rainbow Back	**$6.15**
No. 180—White Enamel Over All	**6.15**
No. 181—Red Enamel Over All	**6.15**
No. 184—White Enamel Belly, Blended Yellow and Red Back	**6.15**
No. 185—White Enamel Belly, Blended Green Back	**6.15**

Weight Per Dozen About 3¼ Lbs.

One in a Box; One Dozen in a Package.

"NEVERFAIL" MUSCALLONGE MINNOW



5 in. BODY, Two Nickel Plated Spinners, Five Nickel Plated Treble Hooks.

	Per Dozen
No. 273—White Enamel Belly, Blended Rainbow Back	**$12.25**
No. 285—White Enamel Belly, Blended Green Back	**12.25**

Weight Per Dozen About 4½ Pounds.

One in a Box; One Dozen in a Package.

Heddon's Dowagiac Minnows.

The "Dowagiac" Minnows are made of selected cedar, which is chemically treated to prevent absorption of water, coated with special "Dowagiac" porcelain enamel. Every metal fitting, including Treble Hooks, is Nickel Plated.

2¾ in. BODY, Two Nickel Plated Spinners, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 100	—Fancy Green Back, White Belly	$13.35
No. 101	—Rainbow Finish	13.35
No. 104	—Red Body, Dark Green Back	13.35
No. 109A	—Yellow Perch	13.35
No. 109B	—Green Blended Frog Finish	13.35

Approx. Weight Per Dozen 2½ Pounds.

One in a Box; One Dozen in a Package.

3¾ in. BODY, Two Nickel Plated Spinners, FIVE Nickel Plated Treble Hooks.

		Per Dozen
No. 150	—Fancy Green Back, White Belly	$15.15
No. 151	—Rainbow Finish	15.15
No. 154	—Red Body, Dark Green Back	15.15
No. 159A	—Yellow Perch	15.15
No. 159B	—Green Blended Frog Finish	15.15

3¾ in. BODY, Two Nickel Plated Spinners, THREE Nickel Plated Treble Hooks.

		Per Dozen
No. 177	—All White	$15.15

Approx. Weight Per Dozen 3 Pounds.

One in a Box; One Dozen in a Package.

"Heddon's Wiggler," Deep Diving.

4¼ in. BODY, Nickel Plated Mounting, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 1600	—Fancy Mottled Green Back, White Belly	$13.35
No. 1600S	—White Body with Red and Green Spotted Effect	13.35
No. 1602	—White Body, with Red Head	13.35
No. 1605	—Yellow Body with Red and Green Spots and Green Back	13.35
No. 1609A	—Yellow Perch	13.35
No. 1609B	—Green Blended Frog Finish	13.35

The 1600 Series Baits Float, Swim, Dive.

When cast upon the water will float until retrieved, when it dives under the water from three to four feet and has a wobbling motion closely resembling the movement of a live fish.

Approx. Weight Per Dozen 3¼ Pounds.

One in a Box; One Dozen in a Package.

"Heddon's Wiggler", Near Surface.

4 in. BODY, Nickel Plated Mountings, Three Nickel Plated Treble Hooks.

		Per Dozen
No. 1700	—Fancy Green Back, White Belly	$13.35
No. 1700S	—White Body with Red and Green Spotted Effect	13.35
No. 1702	—White Body with Red Head	13.35
No. 1705	—Yellow Body with Red and Green Spots, Green Back	13.35
No. 1709A	—Yellow Perch	13.35
No. 1709B	—Green Blended Frog Finish	13.35

The No. 1700 Series Baits Float, Dive, Swim.

Floats when at rest, dives and describes a most alluring wiggling movement when in action, running near the surface closely resembling the movement of a live fish.

Approx. Weight Per Dozen 3 Pounds.

One in a Box; One Dozen in a Package.

Nos. 00 and 001.

3 in. BODY, Five Flat Surfaces, Two Nickel Plated Spinners, THREE NICKEL PLATED Treble Hooks.

		Per Dozen
No. 0	—White Body, Red and Green Decorations	$13.35
No. 01	—Yellow Body, Red, Green and Black Decorations	13.35

Approx. Weight Per Dozen 2½ Pounds.

3½ in. BODY, Five Flat Surfaces, Two Nickel Plated Spinners, FIVE NICKEL PLATED Treble Hooks.

		Per Dozen
No. 00	—White Body, Red and Green Decorations	$15.15
No. 001	—Yellow Body, Red, Green and Black Decorations	15.15

Approx. Weight Per Dozen 2¾ Pounds.

One in a Box; One Dozen in a Package.

Heddon's Dowagiac Minnows.

The "Dowagiac" Minnows are made of selected cedar, which is chemically treated to prevent absorption of water, coated with special "Dowagiac" porcelain enamel. Every metal fitting, including Treble Hooks, is Nickel Plated.

DOWAGIAC EXPERT SURFACE MINNOWS

4¾ in. BODY, Three Nickel Plated Treble Hooks.

	Per Dozen
No. 200SF—Green Blended Frog Finish, Nickel Plated Collar	$15.15
No. 200SR—Solid Red Body, Red Collar	15.15
No. 200SW—White Enameled Body, Blue Head, Nickel Plated Collar	15.15

Approx. Weight Per Dozen 2⅝ Pounds.
One in a Box; One Dozen in a Package.

MOONLIGHT SURFFACE BAIT

4½ in. BODY, LUMINOUS, NIGHT RADIANT, Three Nickel Plated Treble Hooks.

	Per Dozen
No. 1001RH—White Enameled Body, Red Head	$13.35

Approx. Weight Per Dozen 2½ Pounds.

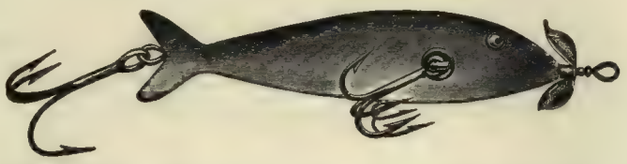
One in a Box; One Dozen in a Package.

MUSCALLONGE MINNOWS

5 in. BODY, Two Nickel Plated Spinners, Two No. 1/0 Nickel Plated Hollow Point Treble Side Hooks and One No. 8/0 Nickel Plated Hollow Point Treble Tail Hook.

	Per Dozen
No. 700—Fancy Green Back, White Belly	$17.80
No. 705—Rainbow Finish	17.80
No. 709A—Yellow Perch Finish	17.80

Approx. Weight Per Dozen 3¼ Pounds.
One in a Box; One Dozen in a Package.



5¾ in. BODY, One Front Nickel Plated Spinner, Two No. 1/0 Nickel Plated Hollow Point Treble Side Hooks, One No. 8/0 Nickel Plated Hollow Point Treble Hook.

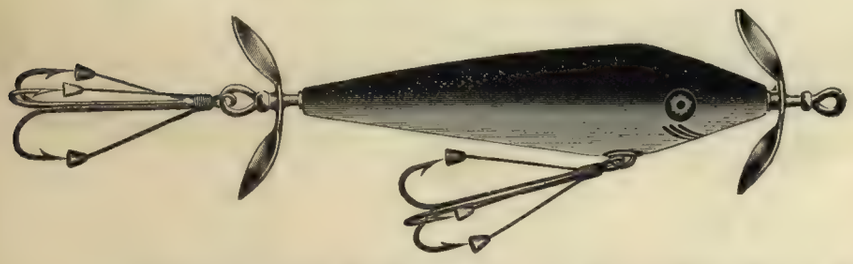
	Per Dozen
No. 1300—Black Sucker Finish, with Fish Tail	$26.65

Approx. Weight Per Dozen 3 Pounds.

One in a Box; One Dozen in a Package.

Wooden Minnows.

BING'S "NEMAHBIN" WEEDLESS



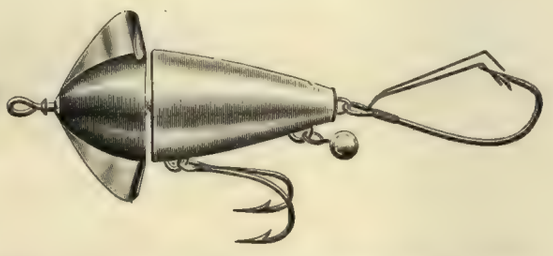
4 in. BODY, Two Nickel Plated Spinners, Two Plain Treble Weedless Hooks, with Chicago Weed Guards.

	Per Dozen
No. B50—Green Back, Shaded White Belly	$13.35
No. B100—Red Back, Shaded White Belly	13.35

This is an Underwater Bait of superior finish and artistic design.

Approx. Weight Per Dozen 2½ Pounds.
One in a Box; One Dozen in a Package.

"NEMO" BASS BAIT



2½ in. BODY, Finest Selected Spanish Cedar, One Hollow Point Double Hook and One Hollow Point Weedless Tail Hook, Either Surface or Underwater Bait.

	Per Dozen
No. 40—White Body, Red Revolving Head	$13.35

Approx. Weight Per Dozen 2 Pounds.

One in a Box; One Dozen in a Package.

Fish Baits.

WILSON'S WINGED WOBBLER

Deep Water.

4½x1⅛ in. Wood Body, Three Treble Hooks.

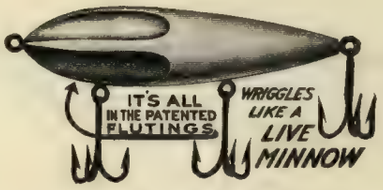
	Per Dozen
No. 1W—White Enameled Body, with Red Wings	**$13.35**

These Baits will travel to a depth of 6 ft. upon being reeled in.
Floats when not in motion.

Approx. Weight Per Dozen 2 Pounds.

One in a Box; One Dozen in a Carton.

WILSON'S WOBBLER



Semi-Surface.

4½x1⅛ in. Wood Fluted Body, Three Treble Hooks.

	Per Dozen
No. 1F—White Enameled Body, Red Enameled Under Side Fluting	**$13.35**
No. 4F—Solid Red Enameled Body and Flutings	**13.35**
No. 5F—Yellow Enameled Body, Red Enameled Under Side Flutings	**13.35**

Float when not in motion.
Approx. Weight Per Dozen 2 Pounds.
One in a Box; One Dozen in a Carton.

YPSILANTI

Floating.

3¾ in. Body, Two Nickel Spinners, Three Treble Hooks.

	Per Dozen
No. 1Y—Green Back, White Belly, Red Sides	**$10.00**
No. 4Y—All White, Red Nose	**10.00**
No. 7Y—All Red	**10.00**

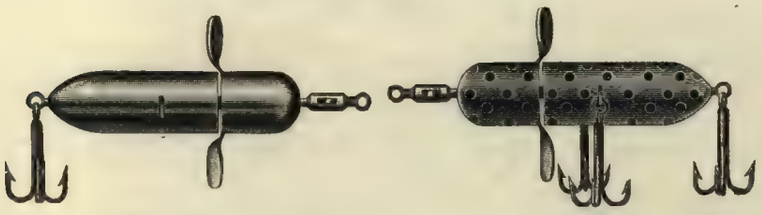
All are Floaters. Can be made to sink. The Bait in reeling in flutters on top and represents a wounded minnow, making the best lure out.

Approx. Weight Per Dozen 2 Pounds.

One in a Box; One Dozen in a Package.

Fish Phantoms.

SILVER BIRD



No. 4S. No. 2B.

Aluminum, Bright Finish.

	Per Dozen
No. 2S—3½ in. Body, Three Treble Hooks	**$16.25**
No. 3S—3 in. Body, Three Treble Hooks	**11.15**
No. 4S—2½ in. Body, One Treble Hook	**10.60**

Yellow Body, Silver Dots.

	Per Dozen
No. 2B—3½ in. Body, Three Treble Hooks	**$16.25**
No. 3B—3 in. Body, Three Treble Hooks	**11.15**

Approx. Weight Per Dozen 1½ Pounds.
One-half Dozen in a Box.

"Globe" Floater.

3⅝ in. LONG, Selected Red Cedar, Detachable Polished Aluminum Spinners, Three Nickel Plated Treble Hooks and Connections.

	Per Dozen
No. 37—White Porcelain Enameled Body, with Revolving Red Head	**$6.70**

The Head and Spinners are securely fastened together and revolve freely on a metal bearing. The spinner blades have a peculiar twist which produces a churn in the water which is attractive to all game fish.

Approx. Weight Per Dozen 1½ Pounds.
One in a Box; One Dozen in a Carton

Kent Champion Floater.

Selected Red Cdar, Carefully Shaped and Coated with Elastic Waterproof Enamel, Nickel Plated Detachable Hooks, Spinners and Connections.

	Per Dozen
No. 818—2⅛x1⅛ in., White Enameled Belly, Blended Rainbow, Frog Spots, Weight Each ¾ Oz	**$8.00**

One in a Box; One Dozen in a Carton.

Artificial Frogs.

Best Quality Soft Rubber, White Belly, Green Back, Non-Luminous, Hollow Point Weedless Hooks.

	Per Dozen
No. 867—3 in. Long Body, Weight Per Dozen About ¾ Lb.	**$6.15**

One Dozen in a Box.

Best Quality Cork, Non-Luminous, White Belly, Green Back, Painted True to Nature, Hollow Point Hooks.

	Per Dozen
No. 775—3 in. Long Body, Weight Per Dozen About ¾ Lb.	**$5.60**

One Dozen in a Box.

Trout and Bass Baits.

PAINTED TRUE TO NATURE

Non-Luminous. Per Dozen
No. 0—1¾ in. Body, Phantom Minnow.....$4.50

Non-Luminous. Per Dozen
No. 1½—2¼ in. Body, Phantom Minnow.....$4.50

One-twelfth Dozen in a Box; One-half Dozen in a Carton.

BIZ, Luminous. Per Dozen
No. 60—1¼ in. Long, Soft Rubber Minnow, Assorted Colors with Tandem Spinner..$4.50
One-half Dozen on a Card; One Dozen in a Box.

Non-Luminous. Per Dozen
No. 010—1¼ in. Long, Soft Rubber Casting Minnow.....$3.35
One Dozen on a Card.

Non-Luminous. Per Dozen
No. 2½—2 in. Long, Soft Rubber Casting Minnow.....$4.80
One-half Dozen in a Box.

Non-Luminous. Per Dozen
No. 020—1¼ in. Long, Soft Rubber Grass Hopper.....$2.25
One Dozen on a Card.

Non-Luminous. Per Dozen
No. 3½—1¾ in. Long, Soft Rubber Grass Hopper.....$3.35
One Dozen in a Box.

Non-Luminous. Per Dozen
No. 040—2¼ in. Long, Soft Rubber Craw Fish, with Swivel..$4.50
Three on a Card; One Dozen in a Box.

Non-Luminous. Per Dozen
No. 4½—2 in. Long, Soft Rubber Froggie $4.20
One Dozen in a Box.

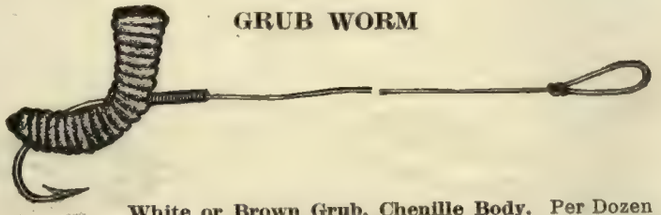
Non-Luminous. Per Dozen
No. 030—1 in. Long, Soft Rubber Froggie $3.35
One Dozen on a Card.

Non-Luminous. Per Dozen
No. 5½—2¼ in. Long, Soft Rubber Dobson $3.90
Three on a Card; One Dozen in a Box.

ANGLE WORM

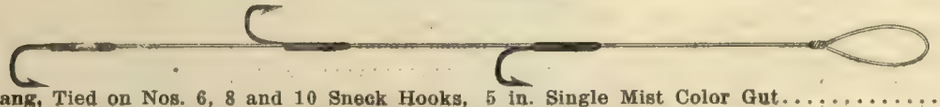
Non-Luminous. Per Dozen
No. 050—2½ in. Long, Soft Rubber, with Swivel....$3.90
One Dozen in a Box.

GRUB WORM



White or Brown Grub, Chenille Body. Per Dozen
No. 5—With No. 6 Hook, Single Gut, for Trout.....$1.35
No. 6—With No. 3 Hook, Single Gut, with Helper, for Bass 1.45
One Dozen in a Box.

Worm Gangs.



Per Dozen
No. 946—Worm Gang, Tied on Nos. 6, 8 and 10 Sneck Hooks, 5 in. Single Mist Color Gut.....$0.85
When the Trout do not take the Artificial Fly, try Worms and use this Gang.
One Dozen in a Box.

Artificial Insects.

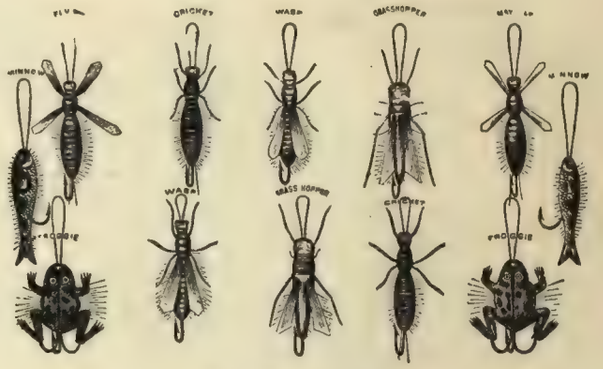
Cuts Half Size.

Pure Soft Rubber.

Per Card

No. 1 Assortment—Small Size, **Non-Luminous,** Painted True to Nature, Assorted Insects, One Dozen on a Card **$1.70**

One Card in a Box.



Pure Soft Rubber.

Per Card

No. 2 Assortment—Large Size, **Luminous,** Painted True to Nature, Assorted Insects, One Dozen on a Card **$3.35**

No. 02 Assortment—Large Size, **Non-Luminous,** Painted True to Nature, Assorted Insects, One Dozen on a Card **2.80**

One Card in a Box.

Trout Flies.

Buck-Tail.

Per Dozen

No. 300—Waterwitch, Tied with Genuine Deer Tail Hair, All White, to Nos. 6 and 8 Best English Sproat Hooks..... **$1.25**

One-half Dozen of One Size Hook on a Perforated Card.

One-half Gross in a Box.

Trout Flies.

Floating.

Per Dozen

No. 600—Frost, Cork Body, Wound with Yellow Floss, Brown Hackle Legs, Jungle Cock Wings, Red Tail Feather, Tied on Nos. 6 and 8 Bronzed Pennell Turned Down Eye Hooks, Single Gut Loop **$2.50**

No. 601—Same as No. 600, but Wound with Green Floss.. **2.50**

Dry Flies.

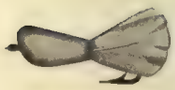
Per Dozen

Dry Flies—Tied on Nos. 12 and 14 Bronzed Pennell Turned Up Eye Sneck Hooks, **with or without** Gut Attached, **Mailed from Factory** **$1.80**

Can furnish Dry Flies in the following patterns: Black Gnat, Black Quill, Cow Dung, Coachman, Green Wells Glory, Grizzly King, Halford's Red Spinner, Golden Ribbed Hare's Ear, Golden Dun, Ginger Quill, Huffland's Fancy, March Brown, White Miller and Willow.

These Flies are made to closely represent the small insect found on the surface of the water. When lightly cast on not too rapidly running water, they will float naturally and results obtained are much better than with the sinkable fly.

Trout Flies.



Coaxer Floating.

Per Dozen

Coaxer—Cork Body, Tied on Nos. 7 or 10 Hollow Point Sproat Hooks.... **$4.50**

Furnished in the Following Patterns:

No. 1—White and Red.
No. 2—White and Yellow.
No. 3—All White.
No. 4—Brown and Red.
No. 5—Brown and Yellow.
No. 6—All Brown.
No. 7—Red Ibis.
No. 8—Yellow and Blue.
No. 9—Brown and Green.
No. 10—All Black.
No. 11—Yellow and Black.
No. 12—Light Green & Slate.

Trout Fly Watch Charms.

Gold Plated Mountings.

Per Dozen

Trout Fly Watch Charms—Assorted Flies, One Dozen on a Card **$6.15**

One Card in a Box.

Artificial Trout Flies.

Cut Shows Transparent Window Display Envelope.

GENUINE FROST MAKE

Every Fly is Strictly Tested.

Divided Wing.

NOTE—Can furnish Divided Wing Trout Flies on Pennell Turned Down Eyed Hooks WITHOUT SNELL, direct from factory.

Double Hook.

Ostrich Head.

	Per Gross
Divided Wing Trout Flies—Tied on the Very Best English Bronzed Pennell Turned Down Eye Sneck Hooks, Nos. 6, 8, 10 and 12, with Snell	**$16.00**
Ostrich Head Trout Flies—Tied on the Very Best English Bronzed Pennell Turned Down Eye Limerick Hooks, Nos. 6, 8, 10 and 12, with Snell	**16.00**
Double Hook Trout Flies—Tied on Reinforced Gut and Double Hooks, Nos. 6, 8, 10 and 12, with Snell	**21.35**

These Flies are the best imitation of the Natural Insect ever cast in the water, are the finest obtainable, every one being strictly tested and thoroughly reliable.

Divided Wing and Ostrich Head Trout Flies, One-half Dozen in a Window Display Envelope; Double Hook Trout Flies, One-half Dozen on a Card; **Do Not Break Cards or Envelopes.**

One-half Gross in a Box.

NOTE—The Ostrich Head and Double Hook Flies are not carried in Stock, but will be mailed direct from Factory.

DESCRIPTION OF FLIES

No. 98—Carter Harrison, Black Silk Body, Wound with Silver Cord, Tail of Red Ibis, Black Hackle Legs, Mottled Teal Wings.

No. 99—Alder, Peacock Body, Gold Tinsel Tag, Black Hackle Legs, Wild Turkey Wings.

No. 100—Beaver Kill, White Silk Body, Brown Hackle Legs, Duck Tail, Lead Color Wings.

No. 101—Beauty, Gray Silk Body, Wound with Silver Tinsel, Guinea Tail Hackle and Wings.

No. 102—Bee, Yellow Chenille Body with Black Band of Silk in Center, Brown Hackle Legs, Lead Color Wings.

No. 103—Blue Bottle, Bright Blue Body, Black Hackle Legs, Gray Wings.

No. 104—Black Gnat, Black Ostrich Body, Brown Hackle Legs, Black Wings.

No. 105—Black Hackle, Peacock Body, Gold Tinsel Tag, Black Hackle Legs.

No. 106—Brown Hackle, Brown Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 107—Captain, White Silk Body, Tipped with Peacock, Brown Hackle Legs, Red and Duck Tail, Lead Color Wings.

No. 108—Blue Upright, Gray Quill Body, Ashy Hackle, Ashy Hackle Tail, Lead Color Wings.

No. 109—Cahill, Gray Wool Body, Gold Tinsel Tag, Brown Hackle Legs, Wings and Tail of the Lemon Colored Woodduck.

No. 110—De Mille, Light Tan Wool Body, Gold Tinsel Tag, Tan Hackle and Wings.

No. 111—Evening Dun, Light Yellow Silk Body, Gold Tinsel Tag, Olive Hackle Legs, Olive Colored Tail, Lead Colored Wings.

No. 112—Coachman, Peacock Hurl Body, Brown Hackle Legs, White Wings.

No. 113—Cow Dung, Orange Mohair Body, Ginger Hackle Legs, Lead Color Wings.

No. 114—Ginger Quill, Gray Quill Body, Brown Hackle, Brown Hackle Tail, Lead Color Wings.

No. 115—Golden Dun, Gold Tinsel Body, Brown Hackle Legs, Lead Colored Wings.

No. 116—Golden Monkey, Olive Silk Body Wound with Gold Tinsel, Guinea Tail and Hackle Wings.

No. 117—Gray Hackle, Peacock Body, Gold Tinsel Tag, Gray Hackle.

No. 118—Grizzly King, Green Body, Ribbed with Gold Tinsel and Tinsel Tag, Furnace Gray Hackle Legs, Red Tail, Gray Mallard Wings.

No. 119—Hadcock, Gold Tinsel Body, Orange Hackle, Black Tail, Brown Mallard Wings.

No. 120—Hare's Ear, Gray Fur Body, Brown Mallard Tail, Dark Turkey Feather Wings.

No. 121—Ibis, Red Body, Ribbed with Gold Tinsel and Tinsel Tag, Red Hackle Legs, Red Tail and Wings.

No. 122—Jungle Cock, Silver Tinsel Body, Black Hackle Legs, Jungle Cock Wings.

No. 123—Jenny Lind, Yellow Silk Body, Ribbed with Gold Tinsel, Red Hackle, Blue Tail and Wings.

No. 124—March Brown, Dark Brown Silk Body, Ribbed with Yellow Silk, Brown Furnace Hackle, Dark Turkey Tail and Wings.

No. 125—Montreal, Red Mohair Body, Ribbed with Gold Tinsel, Dark Red Hackle Legs, Red Tail, Dark Turkey Wings.

No. 126—McGinty, Body Ribbed with Black and Yellow Chenille, Brown Hackle, Red and Gray Mallard Feathered Tail, Black Wings, White Tipped.

No. 127—Professor, Yellow Body, Ribbed with Gold Brown Hackle Legs Scarlet Ibis Tail, Gray Mallard Wings.

No. 128—Queen of Waters, Orange Body, Brown Hackle Legs, Wound Down the Whole Length, Gray Mallard Wings.

No. 129—Red Spinner, Red Body Wrapped with Gold Tinsel, Brown Hackle Legs and Tail, Dung Color Wings.

No. 130—Raven, Black Chenille Body, Black Hackle Tail and Wings.

No. 131—Seth Green, Green Floss Silk Body, Wound with Gold Tinsel, Brown Hackle Legs, Red Tail, Mottled Turkey Wings.

No. 132—Silver Doctor, Silver Tinsel Body, Ribbed with Red Silk, Mixed Red, Yellow and Blue Feathered Tail, Blue Hackle Mixed Wings of Turkey, Gray Mallard, Red, Yellow and Blue Feathers.

No. 133—Yellow May, Yellow Floss Silk Body, Yellow Hackle Legs, Yellow Tail and Wings.

No. 134—Silver Blue Upright, Silver Tinsel Body, Ashy Hackle, Ashy Hackle Tail, Lead Color Wings.

No. 135—Katydid, Green Silk Body Wound with Gold Tinsel, Green Feather Tail, Green Hackle, Legs and Wing.

No. 136—Magpie, Red Silk Body Wound with Gold Cord, Brown Hackle Legs and Tail, Black Wings with White Tip.

No. 137—Silver Sedge, White Silk Body, Wound with Brown Hackle, Brown Hackle Legs, Brown Wings.

No. 138—Mosquito, Gray Wool Body Wound with Tan Colored Twist, English Partridge Hackle, Spotted Turkey Tail and Wings.

No. 139—Oak Fly, Dark Orange Silk Body Wound with Black Twist, Brown Furnace Hackle, Woodcock Wings.

No. 140—Olive Dun, Olive Silk Body, Gold Tinsel Tag, Olive Hackle Legs, Olive Colored Tail and Wings.

No. 141—Royal Coachman, Peacock Body with Red Band of Silk in Center, Brown Hackle Legs, Barred Wood Duck Tail, White Wings.

No. 142—Sand Fly, Dark Tan Wool Body, Gold Tinsel Tag, Brown Hackle Legs, Brown Wings.

No. 143—Stone, Gray Wool Body, Wound with Yellow Twist, Olive Colored Hackle Legs and Tail, English Partridge Wings.

No. 144—Swift Water, Peacock Body, Gold Tinsel Tag, Brown Hackle Legs, Yellow Tail, Wings from the Teal Duck.

No. 145—Silver Monkey, Silver Tinsel Body, Guinea Hackle Legs, Tail and Wing.

No. 146—Trude, Red Wool Body Wound with Silver Tinsel, Brown Hackle Legs, Fox Squirrel Tail Wing.

No. 167—Willow, Gray Fur Body, Gray Hackle Legs, Gray Wings.

No. 168—White Miller, White Body, Ribbed with Silver Tinsel, White Hackle Legs, White Wings.

No. 169—Wickham's Fancy, Gold Tinsel Body, Wound with Brown Hackle, Brown Hackle Legs and Tail, Lead Color Wings.

No. 170—Parmachenee Belle, Yellow Body, Silk Wound with Gold Tinsel, Red and White Hackle Legs, Red and White Mixed Tail and Wings.

NOTE—We are prepared to execute orders for Special Flies, tied to Special Hooks or Copy any Sample submitted to our care on very short notice and guarantee entire satisfaction.

Artificial Trout Flies.

Cut Shows Transparent Window Envelope used on D Grade.

GENUINE FROST MAKE

Every Fly is Strictly Tested.

No. 4.

No. 6.

No. 8.

No. 10.

"A" and "D" Quality Trout Flies.

Per Gross

No. "A" Standard Quality—Wool Body, Well Tied on Best English Bronzed Spear Point Sproat Hooks, Nos. 4, 6, 8, 10 and 12, with Snell..... **$5.35**

No. "D" Waterwitch Quality—Fine Silk Body, Extra Well Tied on Best English Bronzed File Point Sproat Hooks, Nos. 4, 6, 8, 10 and 12, with Snell..... **8.00**

No. D, One-half Dozen Flies of a Pattern on One Size Hook in Window Display Envelope; No. A, One-half Dozen on a Perforated Card; **Do Not Break Cards or Envelopes.**

One Gross in a Box.

NOTE—Can furnish "A" and "D" Grade Trout Flies WITHOUT SNELLS on RINGED EYE Sproat or Sneck Hooks direct from Factory.

DESCRIPTION OF FLIES

No. 11—Black Gnat, Black Ostrich Body, Brown Hackle Legs, Black Wings.

No. 12—Coachman, Peacock Hurl Body, Brown Hackle Legs, White Wings.

No. 13—Cow Dung, Orange Mohair Body, Ginger Hackle Legs, Lead Color Wings.

No. 14—Cinnamon, Orange Silk Body, Ribbed with Yellow Tinsel, Brown Hackle Legs, Cinnamon Colored Tail and Wings.

No. 15—Gray Drake, White Body, Wound with Black Silk, Furnace Gray Hackle Legs, Gray Mallard Tail and Wings.

No. 16—Green Drake, Yellow Silk Body, Wound with Black Silk, Tail Three Black Fitch Hairs, Brown Hackle Legs, Gray Mallard Wings Dyed Yellowish.

No. 17—Brown Drake, Red Body, Wrapped with Gold Tinsel, Brown Hackle Legs, Turkey Tail and Wings.

No. 18—Grizzly King, Green Body Ribbed with Gold Tinsel, Furnace Gray Hackle Legs, Red Tail, Gray Mallard Wings.

No. 19—Governor, Peacock Green Body, Brown Hackle Legs, Mixed Brown and Black Wings.

No. 20—Governor Alvord, Peacock Hurl Body, Brown Hackle Legs, Red Tail, Light Brown Upper Wings, Lead Color Over Wings.

No. 21—Ibis, Red Body Ribbed with Gold Tinsel and Tinsel Tag, Red Hackle Legs, Red Tail and Wings.

No. 23—Jungle Cock, Silver Tinsel Body, Black Hackle Legs, Jungle Cock Wings.

No. 24—Jock Scott, White Body, Brown Tail, Mixed White and Black Wings.

No. 25—Montreal, Red Mohair Body Ribbed with Gold Tinsel, Dark Red Hackle Legs, Red Tail, Dark Turkey Wings.

No. 26—White Miller, White Body, Ribbed with Silver Tinsel, White Hackle Legs, White Wings.

No. 27—Professor, Yellow Body, Ribbed with Gold, Brown Hackle Legs, Scarlet Ibis Tail, Gray Mallard Wings.

No. 28—Queen of Waters, Orange Body, Brown Hackle Legs, Wound Down the Whole Length, Gray Mallard Wings.

This Fly becomes the **King of Waters** when the Body is Red instead of Orange.

No. 29—Seth Green, Green Floss Silk Body, Wound with Gold Tinsel, Scarlet Hackle Legs, no Tail, Light Mottled Turkey Wings.

No. 30—Silver Doctor, Silver Tinsel Body, Ribbed with Red Silk, Mixed Red, Yellow and Blue Feather Tail, Blue Hackle Mixed Wings of Turkey, Gray Mallard, Red, Yellow and Blue Feathers.

No. 31—Reuben Wood, White Body, Brown Hackle, Gray Mallard Wings.

No. 32—Red Spinner, Red Body, Wrapped with Gold Tinsel, Brown Hackle and Tail, Dung Color Wings.

No. 33—Yellow May, Yellow Floss Silk Body, Yellow Hackle Legs, Yellow Tail and Wings.

No. 34—Yellow Sally, Yellow Body, Wrapped with Gold Tinsel, Yellow Hackle Legs, Canary Yellow Wings.

No. 35—Black Hackle, Peacock Body, Gold Tinsel Tag, Black Hackle Legs.

No. 36—Brown Hackle, Brown Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 37—Green Hackle, Green Body, Gold Tinsel Tag, Wine Hackle Legs.

No. 39—Red Hackle, Red Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 40—Parmachenee Belle, Yellow Body, Silk Wound with Gold Tinsel, Red and White Hackle Legs, Red and White Mixed Tail and Wings.

No. 41—Royal Coachman, Peacock Body, with Red Band of Silk in Center, Brown Hackle Legs, White Wings.

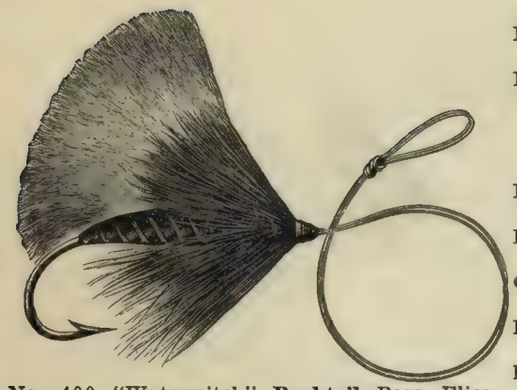
No. 42—Bee, Yellow Chenille Body, with Black Band of Silk in Center, Brown Hackle Legs, Lead Color Wings.

NOTE—We are prepared to execute orders for Special Flies tied to Special Hook or Copy any Samples submitted to our care on very short notice and guarantee entire satisfaction.

Artificial Bass Flies.

GENUINE FROST MAKE

Every Fly is Strictly Tested.



No. 400 "Waterwitch" **Bucktail** Bass Flies.

Per Dozen

No. 400 Buck-Tail Extra Quality—Wound Silk Body, Genuine Deer-Tail Hair Wings, on Nos. 0 and 2/0 Best English Sprout Hooks....**$2.25**

No. 400 Flies are Carried in Stock in the Following Patterns: Fawn, Princess Fawn, Queen Doe, Buck and King Buck.

DESCRIPTION OF No. 400 BUCKTAIL BASS FLIES

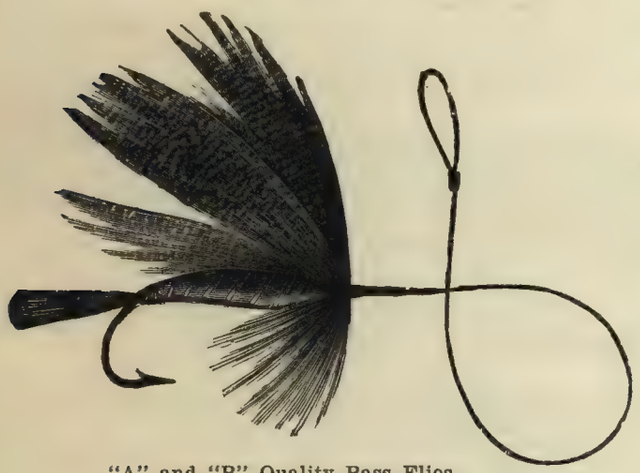
King Buck—Brown Hair Hackle, White Buck Tail Wing, Red Silk Wound Body, Gold Tinsel.

Princess Fawn—White Hair Hackle, White Buck Tail Wing, White Tail Feather, Green Silk Wound Body, Gold Tinsel.

Queen Doe—Brown and Black Hair Hackle, Mixed Buck Tail Wing, Peacock Feather Tail, Pale Blue Silk Wound Body, Gold Tinsel.

Buck—Brown Hair Hackle, Dark Brown Buck Tail Wing, Red Feather Tail, Red Silk Wound Body, Gold Tinsel.

Fawn—Brown Hair Hackle, White Buck Tail Wing, White Feather Tail, Green Tinsel Body.



"A" and "B" Quality Bass Flies.

Per Gross

No. "A" Waterwitch Quality—Wool Body, Well Tied on Best English Bronzed Spear Point Sprout Hooks, Nos. 1, 1/0 and 2/0.....**$ 9.25**

No. "B" Superior Quality—Fine Silk Body, Well Tied with Gilt Tinsel on Best English Bronzed Filed Point Sprout Hooks, Nos. 1, 1/0 and 2/0..... **13.35**

One-quarter Dozen on a Card; One-quarter Gross in a Box.

Per Dozen

Divided Wing Bass Flies—Wound Silk Body, Tied on Bronzed Hollow Point Sprout Hooks, in all Numbers Listed Below Direct from Factory.....**$1.70**

DESCRIPTION OF "A" AND "B" BASS FLIES

No. 50—Blue Bottle, Bright Blue Body Wrapped, Black Hackle, Gray Wings.

No. 51—Bishop, White Body, Brown Hackle, Red Tail, Red Wings.

No. 52—Black Hackle, Peacock Body, Gold Tinsel Tag, Black Hackle Legs.

No. 53—Brown Hackle, Brown Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 54—Red Hackle, Red Body, Gold Tinsel Tag, Brown Hackle Legs.

No. 55—Coachman, Peacock Hurl Body, Brown Hackle Legs, White Wings.

No. 56—Climax, Yellow Body, Wrapped with Gold Tinsel, White Hackle Legs, Red Wings.

No. 57—Ferguson, Green Body, with Gold Tinsel, Brown Legs, Yellow and Green Tail, Mixed Turkey, Green and Yellow Wings.

No. 58—Governor Alvord, Peacock Hurl Body, Brown Hackle Legs, Red Tail, Light Brown Upper Wings, with Lead Color Over Wings.

No. 59—Green Drake, Yellow Silk Body, Wound with Black Silk, Tail Three Black Fitch Hairs, Brown Hackle Legs, Gray Mallard Wings, Dyed Yellowish.

No. 60—Grizzly King, Green Body, Ribbed with Gold Tinsel, Furnace Gray Hackle Legs, Red Tail, Gray Mallard Wings.

No. 61—Ibis, Red Body, Ribbed with Gold Tinsel and Tinsel Tag, Red Hackle Legs, Red Tail and Wings.

No. 62—Ibis White, Red Body and Tail, Mixed Red and White Wings.

No. 63—Lord Baltimore, Yellow Body, Ribbed with Black Tinsel, Black Hackle Legs, Gray Mallard Wings.

No. 64—Montreal, Red Mohair Body, Ribbed with Gold Tinsel, Dark Red Hackle Legs, Red Tail, Dark Turkey Wings.

No. 65—Reuben Wood, White Body, Brown Hackle, Gray Mallard Wings.

No. 66—Scarlet Ibis, Red Body, Wrapped with Gold Tinsel, Red Hackle Legs and Tail, Red Wings.

No. 67—Yellow May, Yellow Floss Silk Body, Yellow Hackle Legs, Yellow Tail, Yellow Wings.

No. 68—White Miller, White Body, Ribbed with Silver Tinsel, White Hackle Legs, White Wings.

No. 69—White Hackle, White Body, Gold Tinsel Tag, White Hackle Legs.

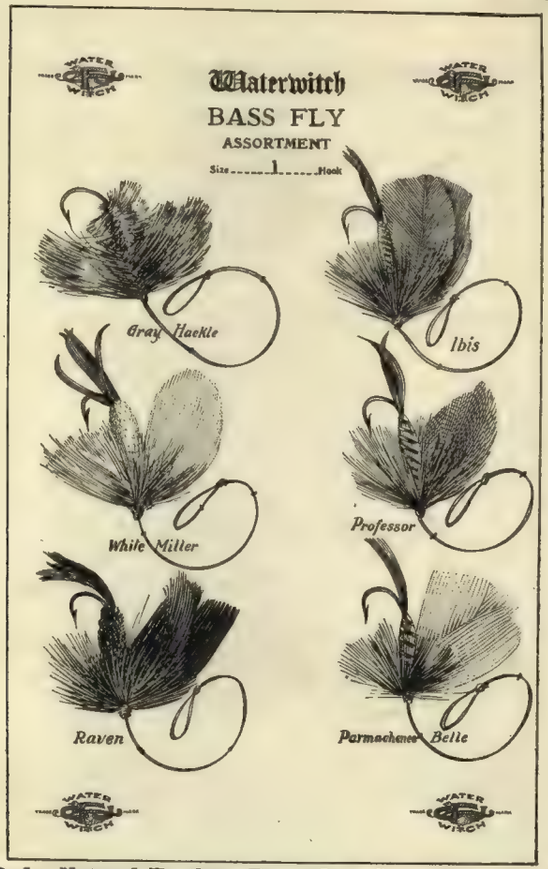
No. 70—Parmachenee Belle, Yellow Body, Silk Wound with Gold Tinsel, Red and White Hackle Legs, Red and White Mixed Tail and Wings.

No. 71—Royal Coachman, Peacock Body, with Red Band of Silk in Center, Brown Hackle Legs, Barred Wood Duck Tail, White Wings.

No. 72—Professor, Yellow Body, Ribbed with Gold, Brown Hackle Legs, Scarlet Ibis Tail, Gray Mallard Wings.

NOTE—We are prepared to execute orders, for Special Flies, tied to Special Hook or Copy any Samples submitted to our care on very short notice and guarantee entire satisfaction.

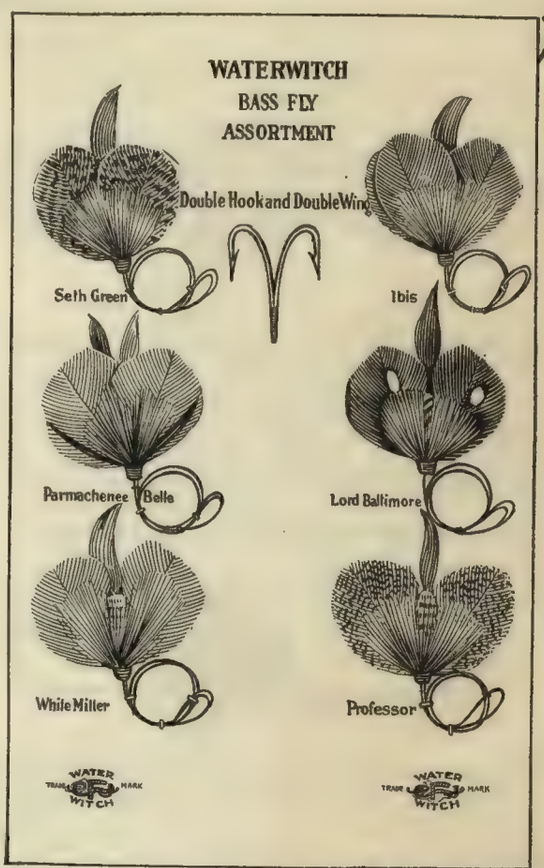
Bass Fly Assortments.



Silk Body, Natural Feathers Dressed on Spear Point Bronzed Sproat Hooks, Nos. 1, 1/0 and 2/0.

Per Card

No. 405—Bass Fly Assortment, ½ Dozen on a Card, 1 Each Gray Hackle, Ibis, Paramachenee Belle, Professor, Raven and White Miller Flies $0.70



Silk Body, Natural Feathers, DOUBLE WING, Dressed on Spear Point Bronzed DOUBLE HOOKS, Nos. 1. 1/0 and 2/0.

Per Card

No. 505—Bass Fly Assortment, ½ Dozen on a Card, 1 Each Seth Green, Ibis, Parmachenee Belle, Lord Baltimore, White Miller and Professor Flies $1.70

Two Cards in a Box.

SOUTH BEND BUCKTAIL FLIES

Constructed of Genuine Deer Tail Hair, Tied with Pure Silk, Assorted Solid Colors, White, Yellow, Red, Brown and Gray Bucktail.

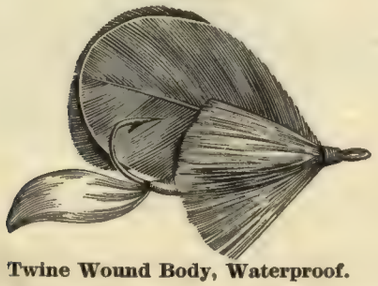
Per Dozen

No. 1601—Trout Size, Tied to No. 8 Hook $2.50
No. 1602—Trout Size, Tied to No. 6 Hook 2.50
No. 1604—Bass Size, Tied to No. 2 Hook 2.50
No. 1606—Bass Size, Tied to No. 1/0 Hook 2.50

Five Assorted Colors Mounted on a Card.

Interchangeable Bass Flies.

FROST'S



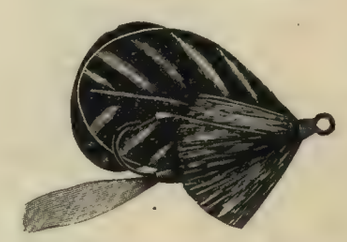
Twine Wound Body, Waterproof.

Per Dozen

No. 122—Ringed Eye, Large White Tail, Wings are Very Stiff and Serve as a Weed Guard, Tied on No. 4/0 Heavy Hook $2.80

This Fly is furnished in the Ibis, White Miller and Parmachenee Belle.

BING'S WEEDLESS



Twine Wound Body, Waterproof.

Per Dozen

No. 1122—Ringed Eye Weedless Hook, Large Tail and Stiff Feather Wings, Tied on No. 4/0 Heavy Hook $3.90

Furnished in Ibis, White Miller, Parmachenee Belle and Yellow Sally Flies.

One on a Card; One Dozen in a Box.

Fish Baits.

X

"COAXER" SURFACE

No. 1—Half Size.

Weedless, Cork Body, White Enameled, Red Felt Wings, Red Stiff Feathered Tail.

	Per Dozen
No. 1—1¾ in. Body, for Bass and Pickerel	**$9.35**
No. 2—1¼ in. Body, for Bass and Pickerel	**9.35**
No. 3—1⅛ in. Body, for Bass and Pickerel	**9.35**

Approx. Weight Per Dozen ½ Pound.

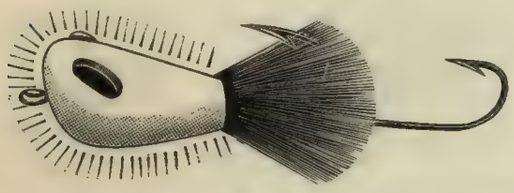
"COAXER" CONVERTIBLE SURFACE

Cork Body, White Enameled, Red Felt Wings, Red Sttiff Feathered Tail, WITH DOUBLE HOOK ON UNDER SIDE, Can be Made Weedless by Removing Double Hook from Bottom Side.

	Per Dozen
No. 1X—1¾ in. Body, for Bass and Pickerel	**$13.35**

Approx. Weight Per Dozen ½ Pound.

"COAXER" LUMINOUS BUCKTAIL

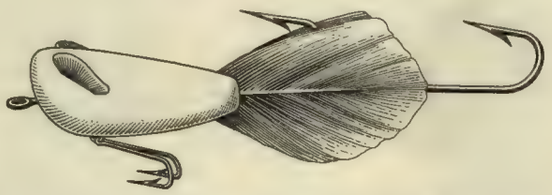


Weedless, for Night Fishing, Cork Body, White Enameled, Red Felt Wings, Red Bucktail.

	Per Dozen
No. 45—1¾ in. Body	**$13.35**

Approx. Weight Per Dozen ½ Pound.

"COAXER" MUSKIE SURFACE



Cork Body, White Enameled, Red Felt Wings, Red Stiff Feathered Tail, WITH DOUBLE HOOK ON UNDER SIDE and TRAILER HOOK.

	Per Dozen
No. 1A—2½ in. Body	**$16.00**

Approx. Weight Per Dozen ¾ Pound.

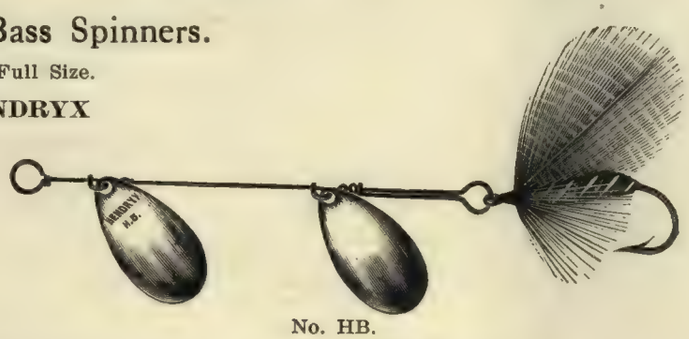
One-twelfth Dozen in a Box; One Dozen in a Package.

Trout or Bass Spinners.

Cuts Full Size.

HENDRYX

No. H1.



No. HB.

Mounted on Nickel Plated Tempered Steel Piano Wire, Sneck Hooks, Assorted Silk Body Flies.

Light Brass Nickel Plated Spoons, SINGLE, with Flies.

Nos.	HS	H1	H2	H3
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	¾x$\frac{15}{32}$	1¼x⅝
Size of Hook	8	4	4	2
Per Dozen	**$2.00**	**2.00**	**2.00**	**2.60**

Light Brass Nickel Plated Spoons, SINGLE WITHOUT FLIES.

Nos.	SHS	SH1	SH2
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	¾x$\frac{15}{32}$
Per Dozen	**$1.45**	**1.45**	**1.45**

Light Brass Nickel Plated Spoons, TANDEM, with Flies.

Nos.	HT	HA	HB	HC
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	⅞x$\frac{15}{32}$	1¼x⅝
Size of Hook	8	4	4	2
Per Dozen	**$2.80**	**2.80**	**2.80**	**3.35**

Light Brass Nickel Plated Spoons, TANDEM, WITHOUT FLIES.

Nos.	DHS	DHA	DHB
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	⅞x$\frac{15}{32}$
Per Dozen	**$2.00**	**2.00**	**2.00**

SINGLE, Pearl Spoon, WITHOUT FLIES.

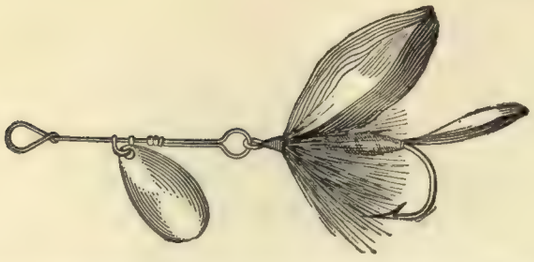
Nos.	HSP	H1P	H2P	H3P
Size of Spoon, Inches	½x$\frac{9}{32}$	⅝x⅜	⅞x$\frac{15}{32}$	1¼x⅝
Per Dozen	**$2.80**	**2.80**	**2.80**	**2.80**

Approx. Weight Per Dozen 6 Ounces.

One-half Dozen on a Card; One Dozen in a Box.

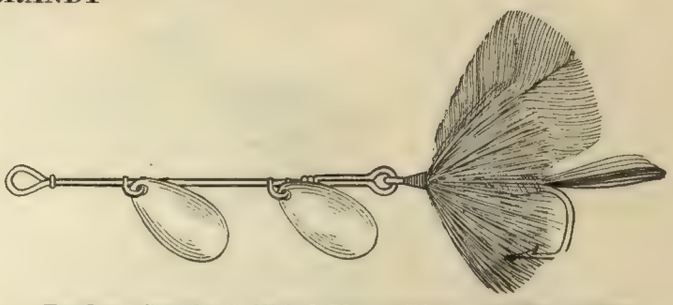
Trout and Bass Spinners.

HILDEBRANDT



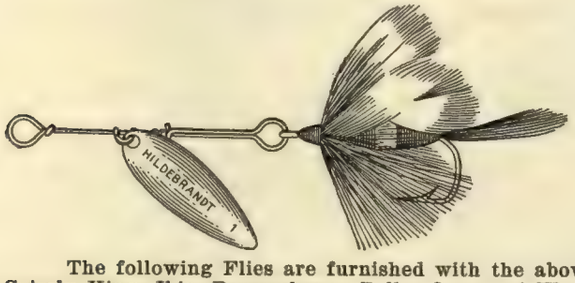
Single, Standard Nickel Plated Blades, WITH FLIES.

Nos.	0D	1D	2D
Size of Blade, Inches	½	⅝	⅞
Per Dozen	$4.50	4.50	4.50



Tandem, Standard, Nickel Plated Blades, WITH FLIES.

Nos.	OO	OA	OB
Size of Blade, Inches	½	⅝	⅞
Per Dozen	$5.60	5.60	5.60



SLIM ELI, Single, Nickel Plated Blades, WITH FLIES.

Nos.	0E	1E	2E
Size of Blade, Inches	⅝	15/16	1 3/16
Per Dozen	$4.50	4.50	4.50

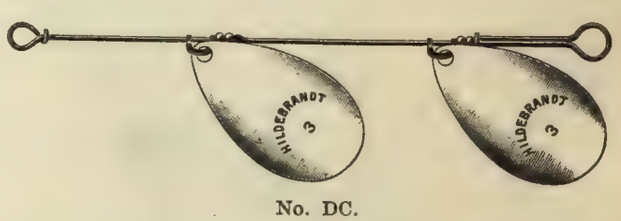
The following Flies are furnished with the above Spinners: Beaver Kill, Black Gnat, Brown Hackle, Cow Dung, Grizzly King, Ibis, Parmachenee Belle, Queen of Waters, McGinty, Professor, Royal Coachman and White Miller.

No. S2.

Without Flies.

Standard, Single, Nickel Plated Blades, with Ball Bearing Spoon Lug Carrier.

Nos.	S0	S1	S2	S3	S3½
Spoon, Inches	½	⅝	⅞	1 1/16	1 ⅜
Per Dozen	$2.70	2.70	2.70	2.70	2.70



No. DC.

Without Flies.

Standard, Double, Nickel Plated Blades, with Ball Bearing Spoon Lug Carrier.

Nos.	DA	DB	DC	DD	DE
Spoon, Inches	⅝	⅞	1 1/16	1 ⅜	1 ½
Per Dozen	$4.50	4.50	4.50	4.50	5.25

These Spinners are Hand Made, with Ball Bearing Spoon Lug Carriers, Very Light Blade, Making them Free Spinning.

Approx. Weight Per Dozen 6 Ounces.

One Dozen in a Box.

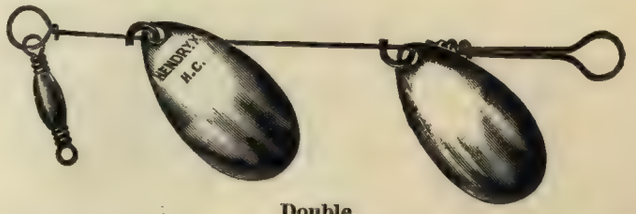
Casting Spoons.

WITHOUT HOOKS

Single.

Per Dozen

No. 18—Mounted with 1⅛ in. Long Nickel Plated Spoon, Brass Barrel Swivel, Can be Used with Any Hook or Fly.....$2.15



Double.

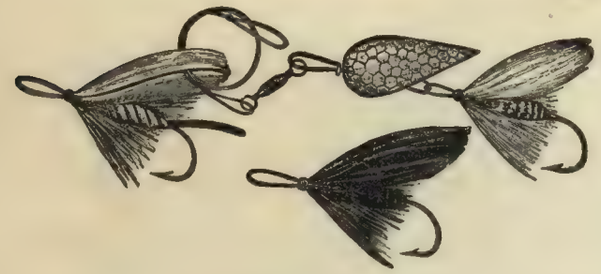
Per Dozen

No. 28—Mounted with 1⅛ in. Long Nickel Plated Spoons, Brass Barrel Swivel, Can be Used with Any Hook or Fly.....$2.80

Approx. Weight Per Dozen 8 Ounces.

One Dozen in a Box.

Bass Spoons.



SPINNING COACHMAN

For Trout or Bass.

Per Dozen Sets

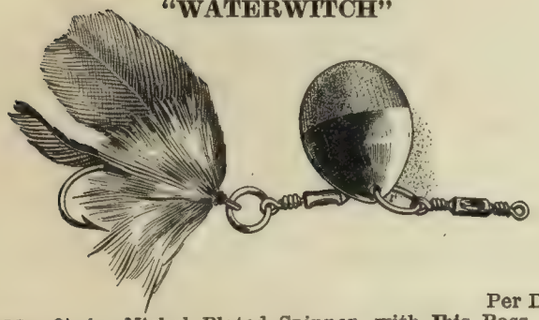
No. 15—Tied on Fine Hollow Point Sproat Hooks, Full Feathered, 1¼ in. Nickel Plated Spoon, Spring Brass Snap and Brass Box Swivel, **with Three Interchangeable Flies** **$3.35**

Approx. Weight Per Dozen ½ Pound.

One Dozen Sets in a Box.

Bass Spinners.

"WATERWITCH"



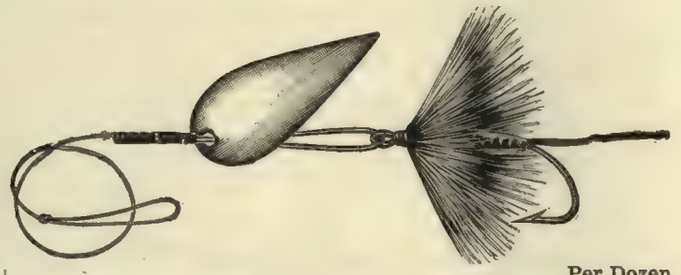
Per Dozen

No. 222—¾ in. Nickel Plated Spinner, with **Ibis** Bass Fly, Mounted on Two Split Rings, Two Brass Box Swivels **$2.80**

No. 223—Same as No. 222, Furnished with **Bucktail Hair Red Feather Tail** Bass Fly..... **2.80**

Especially adapted for light casting. The slightest current or exertion will set the spinner in motion.

Bass Fly Spoons.



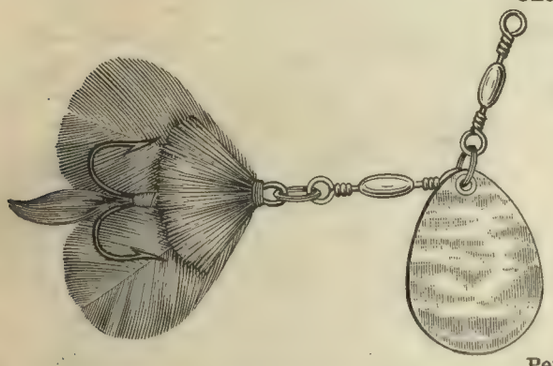
Per Dozen

No. 8—1¼ in. Nickel Plated Spoon, Fine Assorted Flies, Gut Leader, Tied to No. 1 Limerick Ringed Hook **$1.45**

Approx. Weight Per Dozen 6 Ounces.

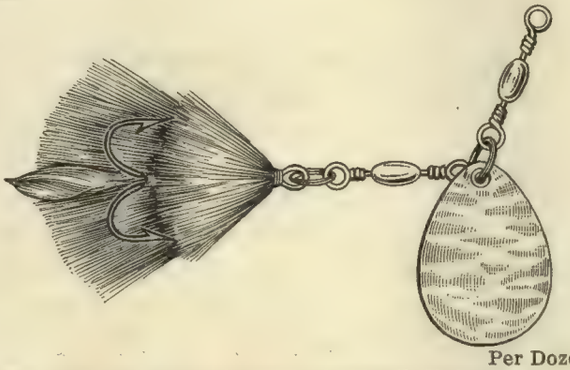
One Dozen in a Box.

Pearl Spinners.



Per Dozen

No. 325—1¼ in. Pearl Spinner, Silk Body, Ibis Double Wing Bass Flies, Tied on Double Hook, Mounted on Two Split Rings and Two Brass Barrel Swivels **$4.50**



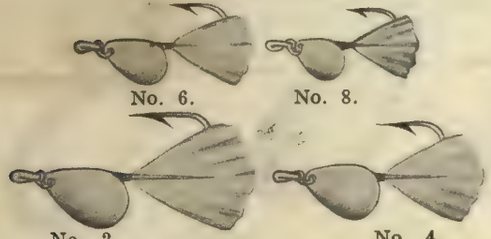
Per Dozen

No. 326—1¼ in. Pearl Spinner, Bucktail Hair Red Feather Tail, Tied on Double Hook, Mounted on Two Split Rings and Two Brass Barrel Swivels **$4.50**

Approx. Weight Per Dozen 6 Ounces.

One Dozen in a Box.

Trout Spoons.



No. 6. No. 8.

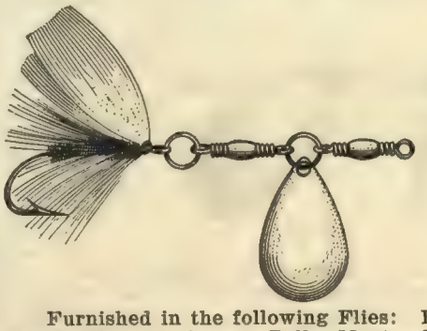
No. 2. No. 4.

Jamison, Nickel Plated Blades, with Feather Fly Built on the Hook, Assorted Red, Brown, White and Yellow Solid Colors, Special Hollow Point Sproat Hooks.

Size of Hooks, Inches...	2	4	6	8
Per Dozen	$4.00	4.00	4.00	4.00

One Dozen in a Box.

Trout Fly Spinners.



Per Dozen

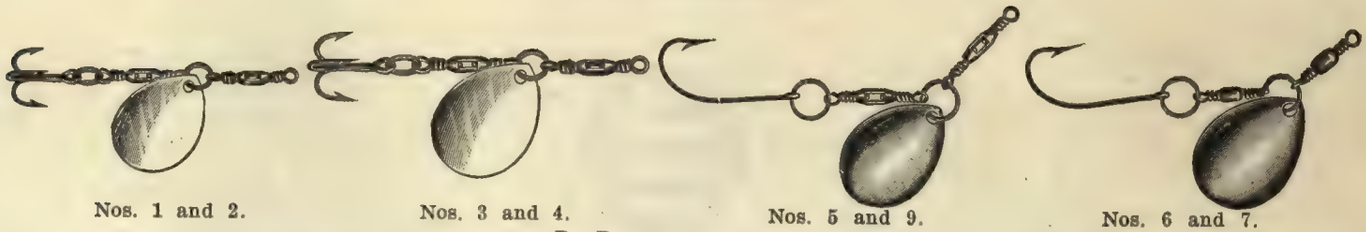
No. 10—$\frac{11}{16}$ in. Nickel Plated Spinner, Nos. 6 and 8 Limerick Hollow Point Ringed Eye Hook, 2 Split Rings, 2 Brass Barrel Swivels **$2.00**

Furnished in the following Flies: Royal Coachman, Gray Hackle, Paramachenee Belle, Montreal, Cow Dung and Professor.

One Dozen in a Box.

Trout Spinners.

"WATERWITCH"



Nos. 1 and 2. Nos. 3 and 4. Nos. 5 and 9. Nos. 6 and 7.

	Per Dozen
No. 1—11/16 in. Brass Spinner, Plain Treble Hook, Two Brass Barrel Swivels	**$1.70**
No. 2—11/16 in. Nickel Plated Spinner, Plain Treble Hook, Two Brass Barrel Swivels	**1.70**
No. 3—12/16 in. Nickel Plated Spinner, Planished Inside, Plain Treble Hook, Two Brass Barrel Swivels	**1.70**
No. 4—12/16 in. Pearl Spinner, Painted Red Inside, Plain Treble Hook, Two Brass Barrel Swivels	**2.25**
No. 5—11/16 in. Nickel Plated Spinner, No. 6 Bronzed Sproat Ringed Single Hook, Two Brass Barrel Swivels	**$1.70**
No. 9—11/16 in. Brass Spinner, No. 6 Bronzed Sproat Ringed Single Hook, Two Brass Barrel Swivels	**1.70**
No. 6—12/16 in. Nickel Plated Spinner, Planished Inside No. 6 Bronzed Sproat Ringed Single Hook, Two Brass Barrel Swivels	**1.70**
No. 7—12/16 in. Pearl Spinner, Painted Red Inside, No. 6 Bronzed Sproat Ringed Single Hook, Two Brass Barrel Swivels	**2.15**

Approx. Weight Per Dozen 4 Ounces.
One Dozen in a Box.

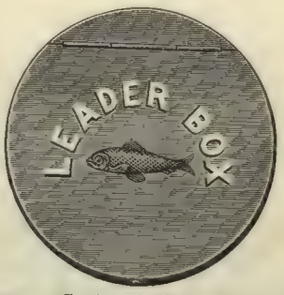
Fly Boxes.

Aluminum, Polished, Hinged Cover.

	Per Dozen
No. 5—6 3/8 x 1 3/8 in., 1/8 in. Deep, with 2 Combs and 3 Felt Pads	**$7.25**

Weight Per Dozen About 2 Pounds.
One Dozen in a Box.

Leader Boxes.

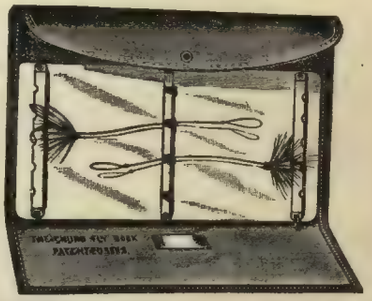


Aluminum, Satin Finish, Hinged Cover.

	Per Dozen
No. 15—3 3/4 in. Diameter, 3/8 in. Deep, with 2 Felt Pads	**$2.80**

Weight Per Dozen About 1 1/4 Pounds.
One Dozen in a Box.

Fly Books.

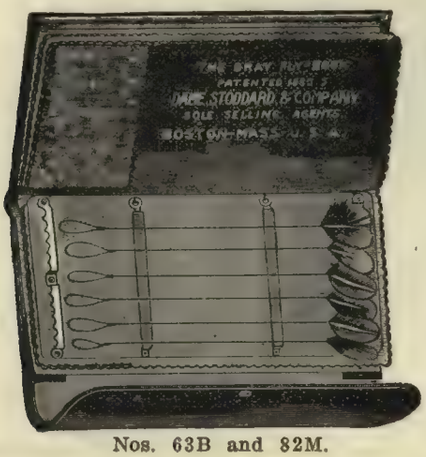


CHUBB'S, Leather Covers, Cloth Lined, One Pocket in Cover, Two Paper Pockets.

	Per Dozen
No. 1—6 1/4 x 3 1/2 in., Holds 2 Dozen Flies	**$ 8.90**
No. 2—6 3/4 x 3 1/2 in., Holds 3 Dozen Flies	**16.00**

Weight Per Dozen About 2 1/2 Pounds.
Open Stock.

Fly Books.



Nos. 63B and 82M.

Nos. 21B and 41B.

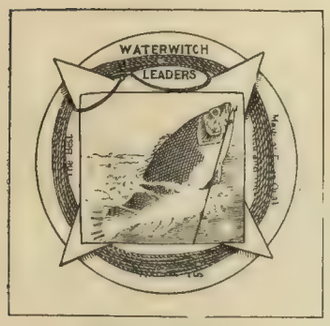
Bray.

		Per Dozen
No. 21B—7x2 3/4	in., Vest Pocket Size, Buffin Leather, One Celluloid Leaf, Holds 2 Dozen Flies	**$16.00**
No. 41B—7x4	in., Vest Pocket Size, Buffin Leather, One Celluloid Leaf, Holds 4 Dozen Flies	**24.00**
No. 63B—7x4	in., Buffin Leather, Three Celluloid Leaves, Holds 6 Dozen Flies	**48.00**
No. 82B—7x4	in., Buffin Leather, Two Celluloid Leaves, Holds 8 Dozen Flies	**56.00**
No. 123B—7x4	in., Buffin Leather, Three Celluloid Leaves, Holds 12 Dozen Flies	**64.00**
No. 63M—7x4	in., Morocco Leather, Three Celluloid Leaves, Holds 6 Dozen Flies	**64.00**
No. 82M—7x4	in., Morocco Leather, Two Celluloid Leaves, Holds 8 Dozen Flies	**72.00**

Approx. Weight Per Dozen 6 Pounds.
Open Stock.

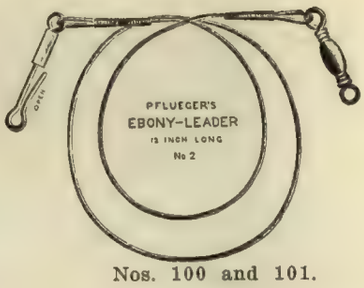
Leaders.

GUT



Nos. 1 to 42.

Nos. 3 to 6.



Nos. 100 and 101.

"A1" Grade, Best Quality Mist Color Gut.

	Per Dozen
No. 1—Three-Ply Twisted, 1 Yard	$3.35
No. 2—Three-Ply Twisted, 2 Yard	6.70
No. 11—Single Gut, 1 Extra Loop, 1 Yard	.60
No. 15—Single Gut, 2 Extra Loops, 1 Yard	.70
No. 12—Single Gut, 2 Extra Loops, 2 Yard	$1.15
No. 13—Double Gut, 1 Extra Loop, 1 Yard	1.15
No. 14—Double Gut, 2 Extra Loops, 1 Yard	1.15
No. 16—Double Gut, 2 Extra Loops, 2 Yard	2.25

One on a Card; One Dozen in a Box.

"B" Quality, White Color Gut.

	Per Dozen
No. 21—Three-Ply Twisted, 1 Yard	$1.50
No. 22—Three-Ply Twisted, 2 Yard	$2.80

One on a Card; One Dozen in a Box.

"X" Grade, Regular Trout, Mist Color.

	Per Dozen
No. 51—Single, 1 Yard	$0.35
No. 52—Single, 2 Yard	.70
No. 61—Double, 1 Yard	.70
No. 62—Double, 2 Yard	1.45

One Dozen in an Envelope; One Gross in a Box.

"2B" Grade, Trout, Mist Color.

	Per Dozen
No. 31—Single, 1 Yard	$0.60
No. 32—Single, 2 Yard	1.15
No. 41—Double, 1 Yard	1.15
No. 42—Double, 2 Yard	2.25

One on a Card; One Dozen in a Box.

"D" Quality, Best Selecto Gut, Mist Color.

	Per Dozen
No. 3—Single Gut, 1 Extra Loop, 1 Yard	$1.15
No. 4—Single Gut, 2 Extra Loops, 2 Yard	2.25
No. 5—Double Gut, 1 Extra Loop, 1 Yard	$2.25
No. 6—Double Gut, 2 Extra Loops, 2 Yard	4.50

One on a Card in Transparent Envelope; One Dozen in a Box.

EBONY, Silk Gimp, with Connecting Link on One End and Barrel Swivel at the Other.

	Per Dozen
No. 100—12 in Long, Tied to No. 1/0 Brass Swivel	$1.70
No. 101—12 in. Long, Tied to No. 1 Brass Swivel	1.90

One on a Card; One Dozen in a Box.

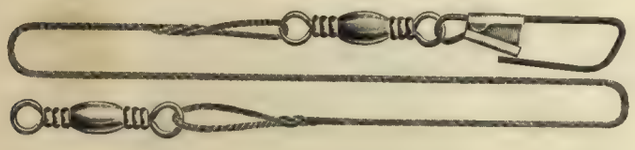
SILK WORM GUT

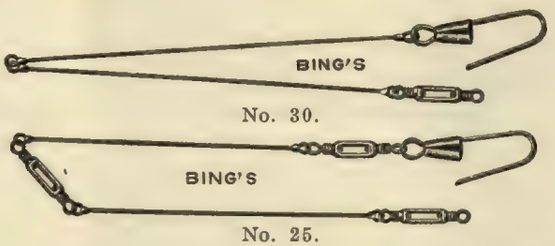
PADRON, Selecto, without Loops.

	Per 100
No. 1½—12 in Long, 100 in a Bundle	$1.15
No. 2½—12 in. Long, 100 in a Bundle	.90

Not Carried in Stock. Mailed from Factory.

Wire Leaders.





No. 30.

No. 25.

	Per Dozen
No. 110—1½ ft., Twisted Wire Cable, with Cooper's Patent Steel Snap, Two Brass Barrel Swivels	$2.50
No. 109—**Muscallonge Leader,** 1 ft., Heavy Twisted Wire Cable with Cooper's Patent Steel Snap and Two No. 1 Brass Barrel Swivels	4.00
No. 30—8½ in., German Silver Wire, One Brass Box Swivel, Cooper's Patent Snap	$2.25
No. 25—8½ in., German Silver Wire, Three Brass Box Swivels, Cooper's Patent Snap	3.35

Phosphor Bronzed Cable Laid Wire, Very Pliable.

	Per Dozen
No. 115—7 in. Long, with Cooper's Snap at One End and Brass Barrel Swivel at the Other	$1.80

Phosphor Bronzed Wire.

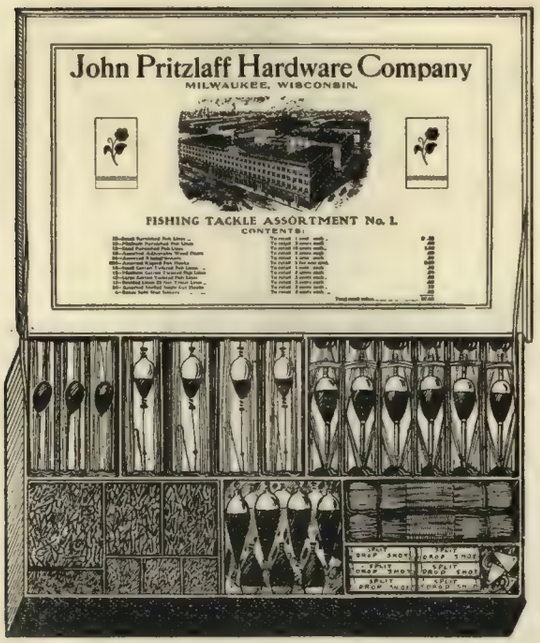
	Per Dozen
No. 114—6 in. Long, with Cooper's Snap at One End and Brass Box Swivel at the Other	$1.35

Rust Proof Piano Wire.

	Per Dozen
No. 112—1½ ft. Long, with Loop at One End and Brass Barrel Swivel at the Other	$0.70
No. 113—3 ft. Long, with Loop at One End and Brass Barrel Swivel at the Other	.80

Open Stock.

Fishing Tackle Assortments.



ASSORTMENT No. 1

Contents:	To Retail	
12—Small Furnished Fish Lines,	1 cent each	$0.12
12—Medium Furnished Fish Lines,	5 cents each	.60
12—Good Furnished Fish Lines,	10 cents each	1.20
12—Assorted Adjustable Wood Floats,	5 cents each	.60
24—Assorted Ringed Sinkers,	1 cent each	.24
600—Assorted Ringed Fish Hooks,	3 for 1 cent	2.00
12—Small Cotton Twisted Fish Lines,	1 cent each	.12
12—Medium Cotton Twisted Fish Lines,	2 cents each	.24
12—Large Cotton Twisted Fish Lines,	3 cents each	.36
12—Braided Linen 25 ft. Trout Lines,	5 cents each	.60
36—Assorted Snelled Single Gut Hooks,	2 cents each	.72
4—Boxes Split Shot Sinkers,	5 cents each	.20
Total Retail Value		$7.00

Each

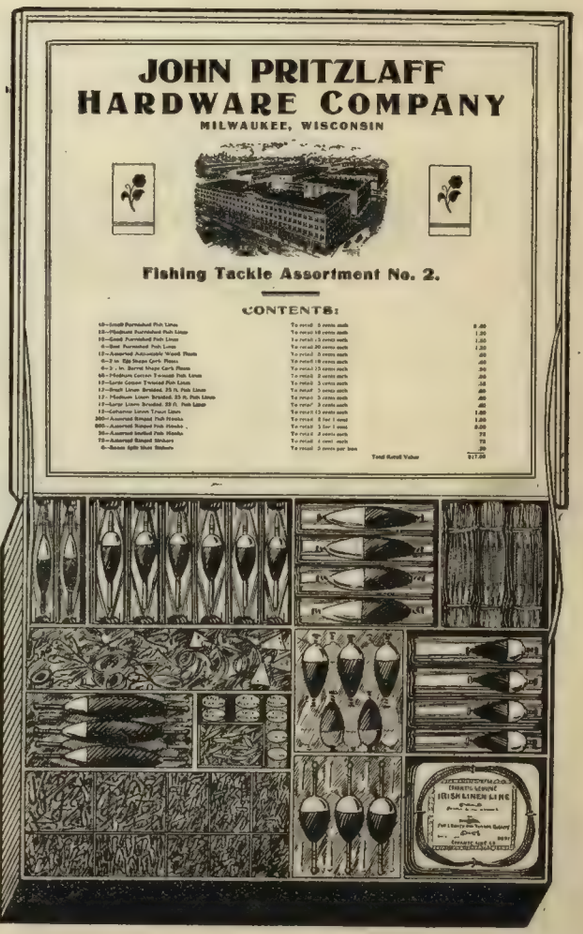
No. 1—Containing 12 Different Articles and Sizes in Strong, Attractive, Partitioned Box, Size 11x17 in., with Cover $6.70

ASSORTMENT No. 2

Contents:	To Retail	
12—Small Furnished Fish Lines,	5 cents each	$0.60
12—Medium Furnished Fish Lines,	10 cents each	1.20
12—Good Furnished Fish Lines,	15 cents each	1.80
6—Best Furnished Fish Lines,	20 cents each	1.20
12—Assorted Adjustable Wood Floats,	5 cents each	.60
6—2 in. Egg Shape Cork Floats.	10 cents each	.60
6—3½ in. Barrel Shape Cork Floats.	15 cents each	.90
48—Medium Cotton Twisted Fish Lines,	2 cents each	.96
12—Large Cotton Twisted Fish Lines,	3 cents each	.36
12—Small Linen Braided 25 ft. Fish Lines,	5 cents each	.60
12—Medium Linen Braided 25 ft. Fish Lines,	5 cents each	.60
12—Large Linen Braided 25 ft. Fish Lines,	5 cents each	.60
12—Cohantic Linen Trout Lines,	15 cents each	1.80
300—Assorted Ringed Fish Hooks,	2 for 1 cent	1.50
600—Assorted Ringed Fish Hooks,	3 for 1 cent	2.00
36—Assorted Snelled Fish Hooks,	2 cents each	.72
72—Assorted Ringed Sinkers,	1 cent each	.72
6—Boxes Split Shot Sinkers,	5 cents per box	.30
Total Retail Value		$17.06

Each

No. 2—Containing 18 Different Articles and Sizes in Strong Attractive, Partitioned Box, Size 17x19 in., with Cover $15.60



Floats.

No. 201—Patent Adjustable Egg Shape, Assorted Colors.

Inches	1¾	2	2½
Per Gross	$3.35	3.90	4.50

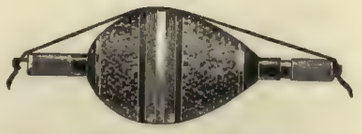
Approx. Weight Per Gross 6 Pounds.

One-quarter Gross in a Box.

No. 700—Cork, Unbound, Egg Shape, Assorted Colors.

Inches	1½	2	2½
Per Gross	$7.25	11.15	16.15
Inches		2¾	3
Per Gross		$20.00	25.60

Approx. Weight Per Gross 6½ Pounds.
One-twelfth Gross in a Box.

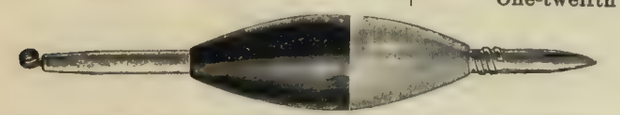


No. 500—REDFIELD HOLLOW, Cork Body, Egg Shape, Assorted Fancy Colors, Natural Finish.

Inches	2	2¼	2½
Per Gross	$18.35	22.25	25.00

Approx. Weight Per Gross 6½ Pounds.

One-twelfth Gross in a Box.



No. 800—Cork Bound Barrel Shape, Assorted Colors.

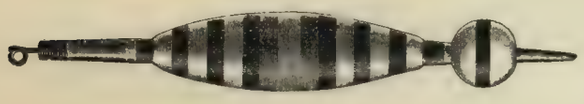
Inches	2½	3	3½	4
Per Gross	$10.60	13.90	17.80	21.70

Approx. Weight Per Gross 6 Pounds.
One-twelfth Gross in a Box.

No. 600—Sneck Head, Cork, Assorted Colors.

Inches	2	2½	3	3½	4
Per Gross	$8.90	10.85	13.60	18.05	22.25

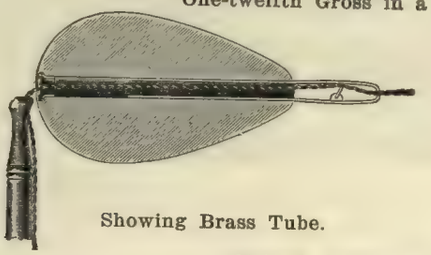
Approx. Weight Per Gross 5½ Pounds.
One-twelfth Gross in a Box.



No. 900—ZEBRA, Ball Top, Barrel Shape, Cork, Fancy Striped, Assorted Colors.

Inches	2¼	2¾	3½
Per Gross	$16.15	20.00	25.60

Approx. Weight Per Gross 6 Pounds.
One-twelfth Gross in a Box.



Showing Brass Tube.

Bristol Automatic.

Per Dozen

No. 50—2¼ in., Egg Shape, Brass Tube Through which Line Passes, with Patent Snap Setting Device. **$2.25**

Approx. Weight Per Dozen 6 Ounces.

One Dozen in a Box.

Sinkers.

MACKINAC

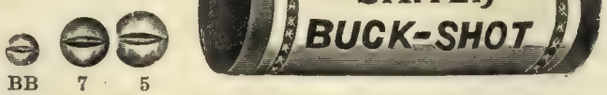
2 3 4 6

Adjustable Screw Sinker, Opening and Closing on Threaded Pivot, Working in Brass Socket.

Nos.	2	3	4	6
Ap. Wt. Per Gross, Lbs.	1	1¾	2½	5
Per Gross	$3.35	3.90	4.20	5.00

One-half Gross in a Box.

SPLIT SHOT



Nos. BB 7 5

Perfectly and Properly Split, FULL COUNT Shot in Each Package.

Per Gross Boxes

No. BB—Drop Shot, 2 Dozen Shot in a Box	$2.80
No. 7—Buck Shot, 1 Dozen Shot in a Box	4.15
No. 5—Buck Shot, 1 Dozen Shot in a Box	8.35

Approx. Weight Per Gross Boxes 12 Pounds.
No. BB, One-quarter Gross Boxes; Nos. 7 and 5, One-twelfth Gross Boxes in a Paper Box.

KEEL COMBINATION

A Combination of Sinker and Connecting Link. Weight Each ¼ Oz.

Per Dozen

No. 806—Without Brass Barrel Swivel	$0.70
No. 807—With Brass Barrel Swivel	1.15

This Sinker is just the proper weight for casting. Will hold right side up any bait, either natural or artificial, to which it is attached. Prevents line from kinking or twisting when casting or trolling.

Three Dozen on a Card.

"HAPPY THOUGHT" TROLLING

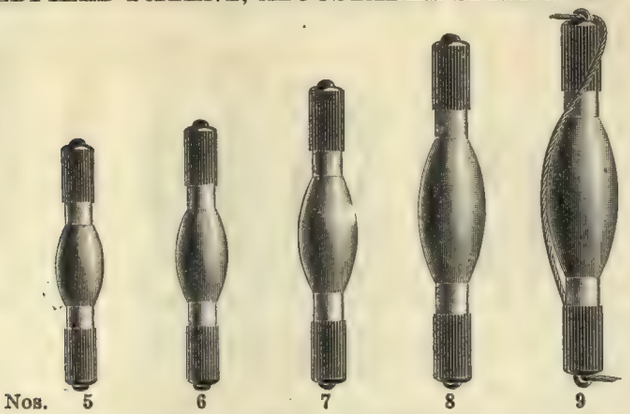
Mounted with Coppered Split Ring and Two Brass Barrel Swivels.

Nos.	18	17	16	15
Ap. Wt. Each, Oz.	¼	⅜	½	⅝
Inches	¾ x ⅜	⅞ x 7/16	1 x 7/16	1⅛ x 7/16
Per Gross	$16.15	16.15	16.90	16.90

One-quarter Gross in a Box.

Sinkers.

REDFIELD PATENT, ADJUSTABLE SPRING CAP



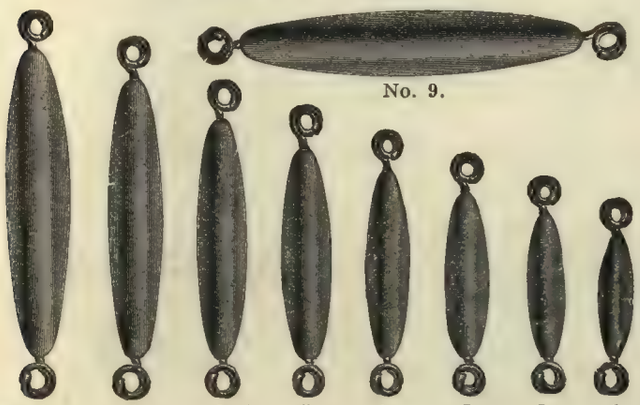
Brass Cap and Spring, with Loop at Each End, Instantly Adjustable, Will not Cut or Wear the Line.

Nos.	1	2	3	4	5
Ap. Weight Each, Oz.	1/16	1/12	1/8	3/16	1/4
Per Gross	$3.00	3.70	4.35	5.00	5.70

Nos.	6	7	8	9	10
Ap. Weight Each, Oz.	5/16	6/16	1/2	5/8	3/4
Per Gross	$6.35	7.00	7.15	7.85	9.00

Nos. 1 to 6, One Gross; Nos. 7 to 10, One-half Gross in a Box.

ADJUSTABLE RINGED



Nos.	1	2	3	4	5	6
Ap. Wt. Each, Oz.	1/12	1/8	1/8	1/8	1/4	1/8
Length, Inches	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4
Per Gross	$0.65	.75	.80	.90	1.25	1.60

Nos.	7	8	9	10	11	12
Ap. Wt. Each, Oz.	1/2	3/4	1	1 1/2	1 7/8	2 1/4
Length, Inches	2	2 1/8	2 3/8	2 5/8	2 7/8	3 1/8
Per Gross	$1.90	2.25	3.00	3.90	5.00	6.15

Nos. 1 to 7, One Gross; Nos. 8 to 10, One-half Gross; Nos. 11 and 12, One-quarter Gross in a Box.

IMPROVED BASS CASTING, SWIVEL

No. 1.

With Brass Swivel Pin Extending Clear Through Sinker, with Head Resting on Brass Washer, thus Assuring an Absolute Fast Running Swivel.

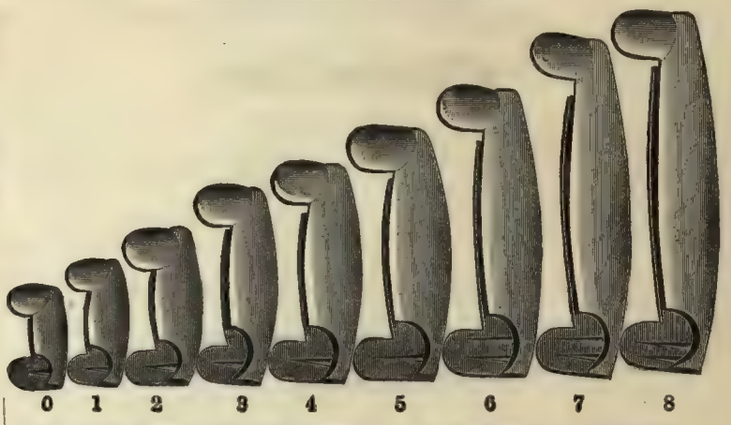
Nos.	8	7	6
Ap. Wt. Ea., Oz.	1/4	3/8	1/2
Size, Inches	3/4 x 3/8	7/8 x 7/16	1 x 7/16
Per Gross	$7.20	7.20	7.80

Nos.	5	4	3
Ap. Wt. Ea., Oz.	5/8	1 1/16	1 3/4
Size, Inches	1 1/8 x 7/16	1 1/4 x 9/16	1 3/8 x 11/16
Per Gross	$7.80	8.35	9.15

Nos.		2	1
Ap. Wt. Ea., Oz.		2 1/4	3 3/8
Size, Inches		1 3/4 x 13/16	1 3/4 x 7/8
Per Gross		$10.60	12.25

One Dozen in a Box.

RANGELEY PATTERN



Very Soft Lead, with Thin Lugs, Can be Attached or Detached with Fingers without Injuring the Line.

Nos.	0	1	2	3	4	5
Ap. Wt. Each, Oz.	1/16	3/32	1/8	3/16	1/4	5/16
Per Gross	$0.60	.65	.90	1.15	1.35	1.60

Nos.		6	7	8	9	10
Ap. Wt. Each, Oz.		1/2	5/8	11/16	7/8	1 3/32
Per Gross		$1.90	2.25	2.60	2.90	3.15

Nos. 0 to 7, One Gross; Nos. 8 to 10, One-half Gross in a Box.

COMMON RINGED

Nos.	1	2	3	4	5	6	7
Ap. Wt. Each, Oz.	1/12	1/8	1/8	1/8	1/4	1/3	1/2
Length, Inches	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2
Per Gross	$0.56	.65	.70	.80	1.15	1.40	1.75

Nos.	8	9	10	11	12	13
Ap. Wt. Each, Oz.	3/4	1	1 1/2	1 7/8	2 1/4	4 1/8
Length, Inches	2 1/8	2 3/8	2 7/8	2 3/4	3	3 5/8
Per Gross	$2.05	2.55	3.70	4.50	5.90	8.90

Nos. 1 to 7, One Gross; Nos. 8 to 10, One-half Gross; Nos. 11 to 13, One-quarter Gross in a Box.

EGG SHAPE, LEAD

No. 4.

Uniform Weight and Size.

Nos.	8	7	6
Ap. Wt. Each, Oz.	1/2	1 1/16	1 3/8
Inches	3/4 x 1/2	7/8 x 5/8	1 x 11/16
Per Gross	$1.35	2.70	3.40

Nos.		5	4
Ap. Wt. Each, Oz.		2	2 11/16
Inches		1 1/8 x 3/4	1 3/8 x 13/16
Per Gross		$5.20	6.75

One-quarter Gross in a Box.

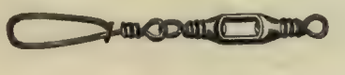
Swivels.

BLUED STEEL WATCH SPRING

With Snap.

Nos.	6	5	4	3	2
Per Gross	$5.60	5.60	5.60	5.60	5.60
Nos.		1	1/0	2/0	3/0
Per Gross		$5.60	7.25	9.00	10.60

BRASS LOCK SPRING



Nos.	1	2	3	4	5
Per Gross	$3.35	3.35	3.35	3.35	3.35

Average Weight Per Gross ¾ Pound.

One-quarter Gross in a Box.

TREBLE BRASS BOX

Nos.	1	3	5
Per Gross	$6.70	6.70	6.70

Approx. Weight Per Gross 1½ Pounds.

One-quarter Gross in a Box.

BRASS BARREL

6 5 4 3 2 1 1/0 2/0 3/0 4/0

With Large Eyes, Free Running.

Nos.	8	7	6	5	4	3
Length, Inches...	⅝	11/16	¾	⅞	1	1 1/16
Per Gross	$1.90	1.90	1.90	1.90	1.90	1.90
Nos.	2	1	1/0	2/0	3/0	4/0
Length, Inches...	1⅛	1¼	1⅜	1½	1⅝	1¾
Per Gross	$1.90	1.90	3.00	3.90	5.00	6.70

Average Weight Per Gross ¾ Pound.
One-quarter Gross in a Box.

COOPER'S PATENT SNAP

Steel Snap and Brass Box Swivel.

Nos.	1	2	3	4
Per Gross	$8.90	8.90	8.90	8.90

Approx. Weight Per Gross 1½ Pounds.

One-quarter Gross in a Box.

Watch Spring, Treble Brass Box, Brass Spring, Lock Spring and Cooper's Swivels are the same in size as the Brass Barrel Swivels.

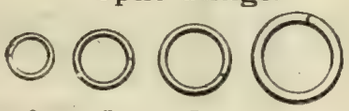
Set Line Snaps and Rings.

Brass.

	Per Gross Sets
No. 140—Set Consists of One 1 1/16 in. Snap and One ⅝ in. Diameter Ring	$1.70

Weight Per Gross Sets About ¾ Pound.

Split Rings.



3 5 7 9

Steel.

Nos.	3	5	7
Diam. Outside, In..	¼	5/16	⅜
Per Gross	$0.56	.56	.67
Nos.	9	10	12
Diam. Outside, In..	½	9/16	⅝
Per Gross	$0.78	.90	1.15

Approx. Weight Per Gross 2 Oz.
One Gross in a Box.

Connecting Links.

No. 3.

Bright, German Silver, with Sliding Sleeve.

Nos.	1	2	3
Length, Inches...	1	1⅛	1¼
Per Gross	$2.50	2.50	2.50

Approx. Weight Per Gross 7 Oz.

One Gross in a Box.

Disgorgers.

DOUBLE, Brass, Nickel Plated.

	Per Dozen
No. 1—7 in. Long, Weight Per Dozen About 1½ Lbs..	$1.70

One Dozen in a Box.

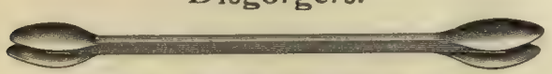
SINGLE, Brass, Nickel Plated, with Eye.

	Per Dozen
No. 2—7 in. Long, Weight Per Dozen About 1 Lb....	$1.25

Three Dozen in a Box.

Directions—Place the line between the flange of the Disgorger, draw it moderately tight, and run the instrument down into the bend of hook, then clasp the line against the side of the shaft and push the whole down until the bait is disengaged, when the hook will readily come out with the Disgorger.

Disgorgers.

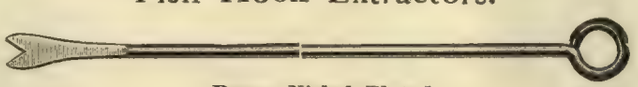


Double, Aluminum Polished.

	Per Dozen
No. 9—6¾ in. Long, Weight Per Dozen About ¾ Lb..	$2.60

One Dozen in a Box.

Fish Hook Extractors.

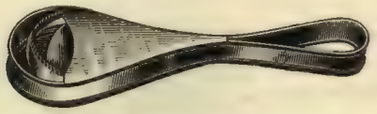


Brass, Nickel Plated.

	Per Dozen
No. 3—6 in. Long, Weight Per Dozen About 4 Oz.....	$0.35

One Dozen in a Box.

Fish Scalers.

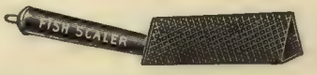


20TH CENTURY WONDER, Tin.

Per Dozen
No. 1—9 in. Long, Weight Per Dozen About 2½ Lbs..**$1.15**

Prevents the scales from flying.

One Dozen in a Box.



LIGHTNING, Tin.

Per Dozen
No. 3—9¼ in. Long, Weight Per Dozen About 2¼ Lbs.**$2.25**

Will take off scales rapidly and effectively without lacerating the body.

One Dozen in a Box.

Steel, Finely Japanned.

Per Dozen
No. 7—6½ in. Long, 1¾ in. Diameter of Circle, Weight Per Dozen About 1¼ Lbs.....**$1.35**

One Dozen in a Box.

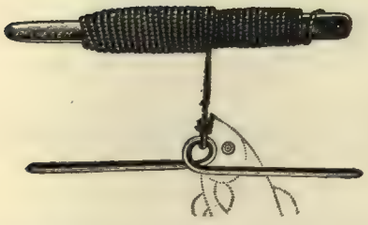
Best Quality Steel Blade, Iron Handle, Japanned.

Per Dozen
No. 723—3½x1¾ in. Blade, 6 in. Long Over All, Weight Per Dozen About 7 Lbs.....**$4.80**

Will remove the scales, fins, heads and tails in less than half the time taken in the old way with the knife.

One-twelfth Dozen in a Box.

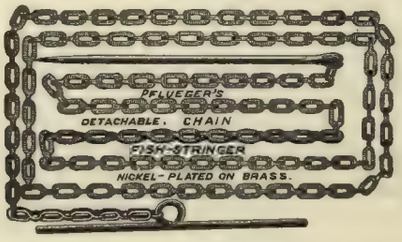
Fish Stringers.



Strong Heavy Mottled Cord, Tinned Stringing Needle, Coiled Bar.

Per Dozen
No. 805—3 ft. Long, Weight Per Dozen ⅜ Lb.....**$0.80**

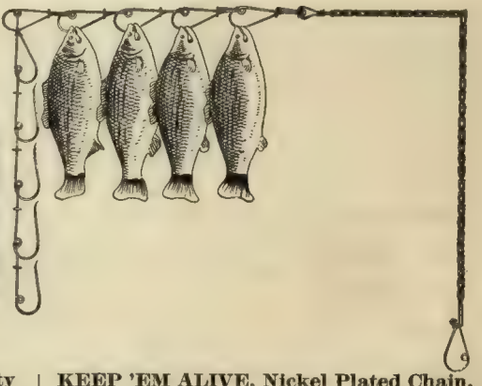
One Dozen in a Box.



Detachable Brass Nickel Plated Safety Chain, Coiled Bar.

Per Dozen
No. 804—3½ ft. Long, Weight Per Dozen About 1⅛ Lbs..**$1.70**

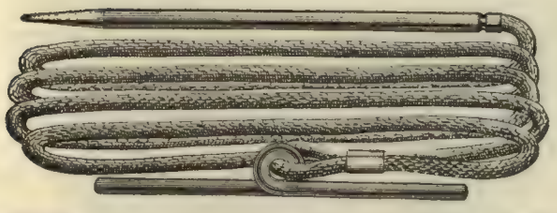
One Dozen in a Box.



KEEP 'EM ALIVE, Nickel Plated Chain, with Spring Steel Hooks.

Per Dozen
No. 807—4 ft. Long, with Snap Catch at One End to Fasten to Pier or Boat and 10 Patent Snap Catches with Sharp Point at Other End for Holding Fish, Holds 75 Lbs., Weight Per Dozen About 3½ Lbs. **$8.90**

One Dozen in a Box.



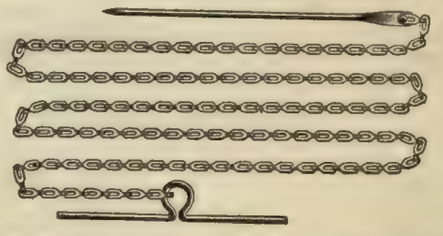
HERCULES, Hard Laid Cotton Line, 6 in. Brass Needle and Bar.

Per Dozen
No. 802—6 ft. Long, Weight Per Dozen About 2 Lbs.**$2.50**
No. 803—9 ft. Long, Weight Per Dozen About 2½ Lbs. **2.80**

HERCULES, Hard Laid Cotton Line, 6 in. Brass Needle and Iron Ring.

Per Dozen
No. 806—6 ft. Long, Weight Per Dozen About 1¾ Lbs.**$2.25**

One Dozen in a Box.



Aluminum Chain, 5¾ in. Needle and Bar, Polished.

Per Dozen
No. 565—4 ft. Long, Weight Per Dozen About ¾ Lb..**$3.00**

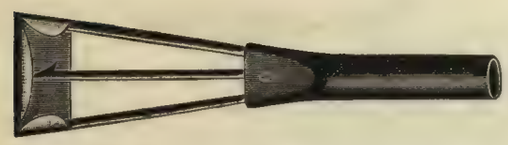
One Dozen in a Box.

Aluminum Chain, 5¾ in. Needle and Ring.

Per Dozen
No. 566—4 ft. Long, Weight Per Dozen About ¾ Lb..**$3.00**

One Dozen in a Box.

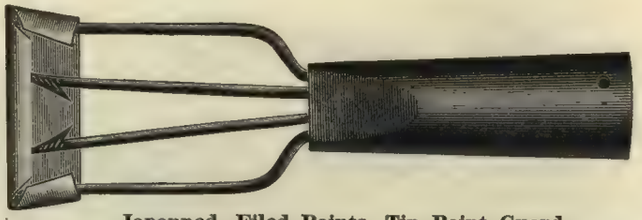
Frog Spears.



Japanned, Filed Points, Tin Point Guard.

Per Dozen

No. 50—3 Prongs, 5½ in. Long, 2 in. Wide.....**$1.45**
Approx. Weight Per Dozen 1¼ Pounds.



Japanned, Filed Points, Tin Point Guard.

Per Dozen

No. 40—4 Prong, 6 in. Long, 2 in. Wide.....**$1.70**
Approx. Weight Per Dozen 1½ Pounds.

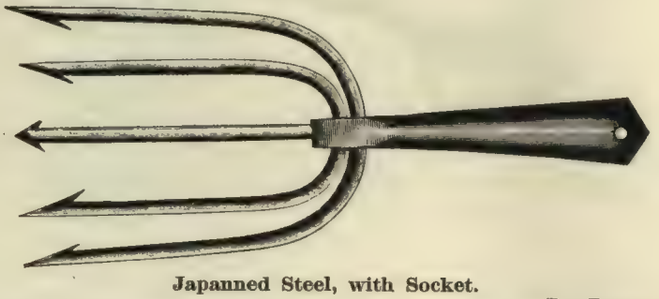
One Dozen in a Box.

Fish Spears.

Japanned Steel, with Tang.

Per Dozen

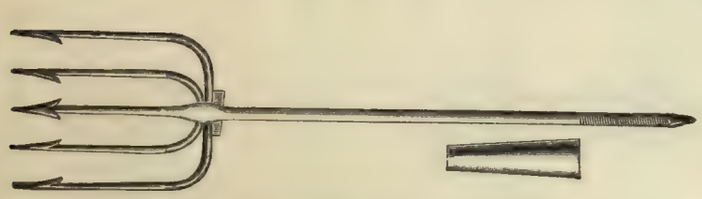
No. 1—3 Prong, 3¾ in. Long, 2½ in. Wide, Approx. Weight Per Dozen 3 Lbs.....**$2.90**
No. 4—5 Prong, 4 in. Long, 3½ in. Wide, Approx. Weight Per Dozen 3½ Lbs..... **3.70**



Japanned Steel, with Socket.

Per Dozen

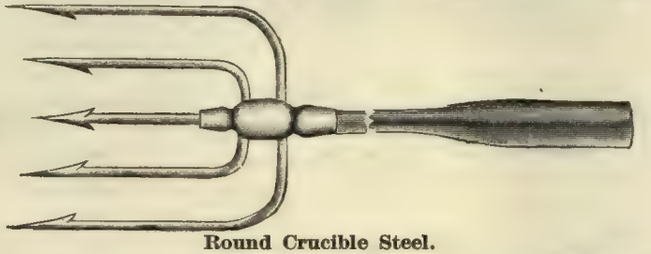
No. 2—3 Prong, 3½ in. Long, 2¼ in. Wide, Approx. Weight Per Dozen 3¼ Lbs.....**$3.35**
No. 5—5 Prong, 4 in. Long, 3¾ in. Wide, Approx. Weight Per Dozen 3¾ Lbs..... **4.50**
No. 6—5 Prong, 5½ in. Long, 4¾ in. Wide, Approx. Weight Per Dozen 9½ Lbs..... **7.25**



Round Spring Steel.

Per Dozen

No. 27—5 Prong, **with Key** for Replacing Prongs, Length of Needle Tine 4 in., Width 3½ in., Length Over All 15 in., with Ferrule.....**$8.35**
Approx. Weight Per Dozen 7 Pounds.



Round Crucible Steel.

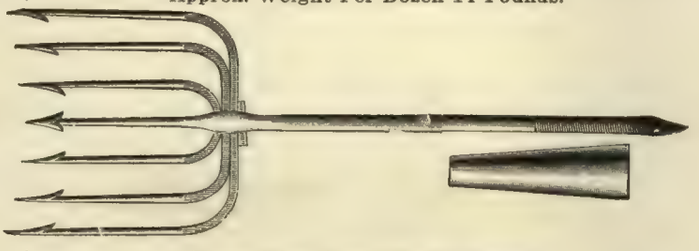
Per Dozen

No. 30—5 Prong, Length of Needle Tine 5½ in., Width 4 in., Aluminum Finish **Socket Shank,** Length Over All 16 in.....**$18.90**
Approx. Weight Per Dozen 14 Pounds.

Extra Fine Steel, Hand Forged.

Per Dozen

No. 25—5 Prong, **with Key** for Replacing Prongs, Length of Needle Tine 5 in., Width 4½ in., Length Over All 18 in., with Ferrule.....**$14.00**
Approx. Weight Per Dozen 10½ Pounds.



Extra Fine Steel, Hand Forged.

Per Dozen

No. 20—7 Prong, **with Key** for Replacing Prongs, Length of Needle Tine 6½ in., Width 6 in., Length Over All 18 in., with Ferrule.....**$18.90**
Approx. Weight Per Dozen 15 Pounds.

Open Stock.

Fish Spear Handles.

Straight Ash, Walnut Stained. Per Dozen

No. XX—8 ft., Extra Quality and Finish.....**$9.50**
Approx. Weight Per Dozen 45 Pounds.
One Dozen in a Crate.

Gaff Hooks.

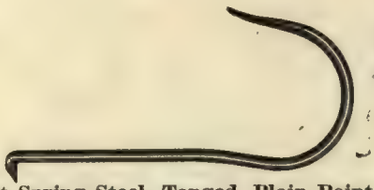
Best Spring Steel Hook, Plain Point, Japanned, Scored Handle, Coated with Rubber Enamel.

Per Dozen

No. 2—7x2 in. Hook, with 3 ft. Handle **$8.00**

Weight Per Dozen About 7½ Pounds.

One in a Paper Bag.



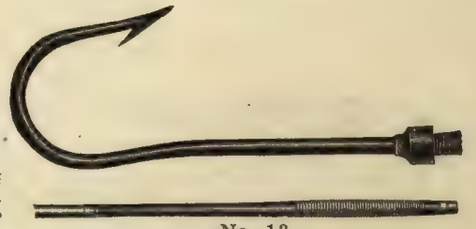
Best Spring Steel, Tanged, Plain Point, Japanned.

Per Dozen

No. 01—7x2 in. **$2.00**

Weight Per Dozen About ¾ Pound.

One Dozen in a Box.



No. 13.

Best Spring Steel Hook, Brass Screw Head and Socket, with Scored Grip Wood Handle, Stained and Varnished. Per Dozen

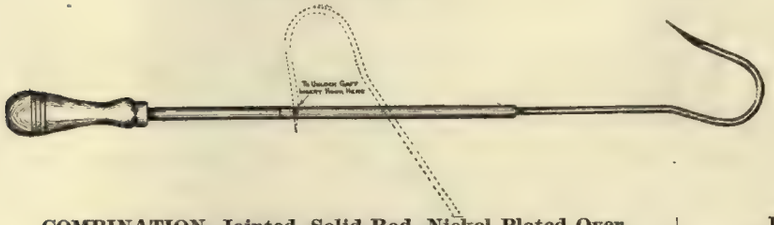
No. 13—7x3 in., Barbed Point Hook, 3 ft. Handle..... **$15.60**

No. 12—7x3 in., Plain Point Hook, 3 ft. Handle..... **14.50**

Weight Per Dozen About 7½ Pounds.

One in a Paper Bag.

Gaff Hooks.



COMBINATION, Jointed, Solid Rod, Nickel Plated Over Copper, Black Handle.

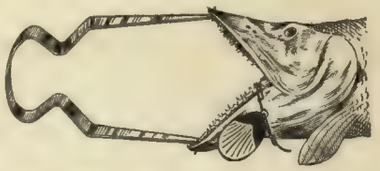
Per Dozen

No. 4—6½x2⅜ in. Hook, ⅛ in. Solid Rod, Length of Joints 8 in., Full Length 22 in..... **$5.00**

Weight Per Dozen About 6 Pounds.

One Dozen in a Box.

Fish Holders.



FISHERMAN'S FRIEND, Blued Spring Steel.

Per Dozen

No. 40—5½ in. Long Over All..... **$5.00**

Weight Per Dozen About 1½ Pounds.

Designed to assist fishermen in holding fish while extracting the hook. Constructed to force open the mouth of any fish from perch to musky or a dog fish.

Open Stock.

Camping Knives and Forks.

Steel Blade, Cocobolo Handle, Brass Ferrule, Polished.

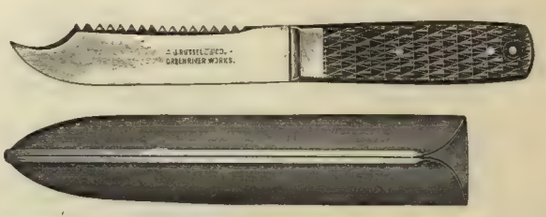
Per Dozen Sets

No. 67—3½ in. Blade, Length when Telescoped or Closed 8 in..... **$7.80**

Weight Per Dozen About 2½ Pounds.

One-half Dozen Sets in a Box.

Fishermen's Knives.



RUSSELL'S, Steel Blade, Scored Cocobolo Handle, Lap Bolster.

Per Dozen

No. 1540—4¾ in. Blade, with Leather Sheath..... **$8.35**

No. 1541—4¾ in. Blade, without Leather Sheath.... **6.70**

Approx. Weight Per Dozen 4½ Pounds.

One-half Dozen in a Box.

Canoe Knives.

MARBLE'S, Full Hollow Ground Steel Blade, Laminated Leather Handle, WITH LEATHER SHEATH.

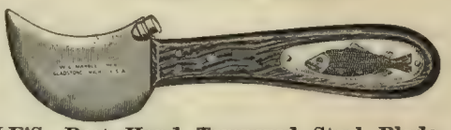
Per Dozen

No. 51—4½ in. Long Blade, 3¾ in. Long Handle..... **$40.00**

Approx. Weight Per Dozen 4½ Pounds.

One-half Dozen in a Box.

Fish Knives.



MARBLE'S, Best Hand Tempered Steel Blade, Cocobolo Handle, German Silver Shield, with Thumb Rest and Leather Sheath. Per Dozen

No. 2—2½ in. Long Blade, 4½ in. Long Handle.... **$11.15**

Weight Per Dozen About 2½ Pounds.

One-half Dozen in a Box.

Fish Knives.

No. 200.

No. 200—Cast Steel Blade, Beechwood Handle.

Length Blade, Inches.....	3½	4	4½	5
Ap. Wt. Per Dozen, Lbs...	1	1¼	1½	2
Per Dozen	$4.50	4.50	4.50	4.50

One-half Dozen in a Box.

Fish Balances.

Brass, Nckel Plated. Per Dozen

No. 10—Weighs 10 Pounds by ¼ Pound.....**$6.70**
No. 20—Weighs 20 Pounds by ¼ Pound..... **8.90**

Approx. Weight Per Dozen 7 Ounces.

No. 10, One Dozen; No. 20, One-half Dozen in a Box.

UTILITY, Nickel Plated. Per Dozen

No. 15—Weighs 15 Pounds by ¼ Pound.....**$4.50**

This Scale can be made to register the net weight of goods weighed in a container by means of an inner adjustable tube.

Approx. Weight Per Dozen 8 Ounces.
One-half Dozen in a Box.

Winding Silk.

Assorted Colors.
Per Dozen
No. 10—100 Yards on a Spool..**$2.00**

Ap. Weight Per Dozen 2 Ounces.

One Dozen in a Box.

Rod Varnish.

Superior Quality.
Per Dozen
No. 1—In Bottles, Put up Expressly for Varnishing Fish Rods **$4.50**
Ap. Weight Per Dozen 3½ Pounds.
One Dozen in a Box.

Ferrule Cement.

DUTCH BRAND, For Fastening Fish Rod Ferrules.
Per Dozen
No. 18—In 1 Ounce Wooden Boxes **$1.45**
Ap. Weight Per Dozen 1 Pound.
One Dozen in a Box.

Fly Cream.

BITE-NO-MORE

In 2 Oz. Cans. Per Dozen

No. 5—White Label **$4.50**
No. 15—Blue Label, Double the Strength of No. 5 and not so Fluid **4.50**

Ap. Weight Per Dozen 2½ Pounds.

A Lotion to be applied to the Face, Neck, Hands and all exposed parts. Dries immediately, forming an invisible coating on the skin, through which Mosquitoes, Gnats, Black Flies and all other insects will not attempt to bite.

One Dozen in a Box.

WOOD'S IMPROVED LOLLACAPOP

A Paste Preparation.

Per Dozen
No. 1—In Tin Boxes.....**$4.50**
Ap. Weight Per Dozen 2 Pounds.

The greatest known Antidote for Mosquitoes, Black Flies, Gnats, etc. It is applied to the hand, wrist, face, neck and all exposed parts. Has a pleasant odor and is beneficial to the skin.

One Dozen in a Box.

Head Nets.

No. 3.

No. 13.

Mosquito and Black Fly Head Nets. Per Dozen

No. 3—Covered Metal Spring Hoops with Close Mesh Green Netting, Approx. Weight Per Dozen 1½ Lbs. **$10.00**
No. 13—Egyptian White Netting, Close Woven Horsehair Front with Rubber Mouth Piece so a Pipe or Cigar can be Used, Rubber Elastic at Top that Will Fit Any Hat, Draw Strings at Bottom, Approx. Weight Per Dozen 2 Lbs.. **10.00**

One Dozen in a Box.

Sunshade Hats.

No. 2.

No. 1.

Collapsible, Brown Canvas, Adjustable to Any Size.

Per Dozen
No. 1—Lined with Green, in Pocket Case.....**$4.50**
No. 2—Lined with Green, Mosquito Netting, Shield in Pocket Case **6.70**

Approx. Weight Per Dozen 2¼ Pounds.

One Dozen in a Box.

Vacuum Bottles.

UNIVERSAL

Nos. 71 and 72.

Black Enameled Body, Nickel Plated Shoulder and Cap, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	71	72
Capacity	1 Pt.	1 Qt.
Ap. Weight Each, Lbs.	1½	2½
Each	$1.95	3.50

Nos. 81 and 82.

Seamless Drawn Brass Metal Case, Full Nickel Plated, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	81	82
Capacity	1 Pt.	1 Qt.
Ap. Weight Each, Lbs.	1½	2½
Each	$2.35	3.90

Vacuum Bottles.

UNIVERSAL

Nos. 861 and 862.

Gift and Prize Bottles, Full Nickel Plated Seamless Drawn Brass Metal Case, with Green Levant Morocco Cover, Rubber Gasket at Shoulder, Patented Spring Retainer and Shock Absorber.

Nos.	861	862
Capacity	1 Pt.	1 Qt.
Ap. Weight Each, Lbs.	1½	2½
Each	$4.70	6.25

Extra Glass Fillers for Vacuum Bottles.

Nos.	01	02
Capacity	1 Pt.	1 Qt.
For Bottles, Nos.	71, 81, 861	72, 82, 862
Each	$1.35	2.35

Vacuum Carafes.

UNIVERSAL

No. 822.

Seamless Drawn Metal Case, Full Nickel Plated, with Metal and Cork Stopper, Rubber Gasket in Shoulder, Patented Spring Retainer and Shock Absorber.

No.	822
Capacity	1 Qt.
Ap. Weight Each, Lbs.	3
Each	$5.45

Extra Glass Fillers for Vacuum Carafes.

No.	022
Capacity	1 Qt.
For Carafe, No.	822
Each	$3.00

Open Stock.

Carrying Cases for Vacuum Bottles.

Nos. 501 and 502.

Well Made of Black Grained Leatherol, Bright Green Lining, Leather Strap with Buckle.

SINGLE, for One Bottle.

Nos.	501	502
For Bottles, Capacity	1 Pt.	1 Qt.
Ap. Weight Each, Lbs.	½	¾
Each	$1.55	1.95

Open Stock.

Nos. 521 and 522.

Well Made of Black Grained Leatherol, Bright Green Lining, Leather Strap with Buckle.

DOUBLE, for Two Bottles.

Nos.	521	522
For Bottles, Capacity	1 Pt.	1 Qt.
Ap. Weight Each, Lbs.	1¼	2
Each	$2.75	3.50

Open Stock.

Drinking Cups.

Collapsible, with Cover.

	Per Dozen
No. 110—Large Size, Nickel Plated, Four Fold, 2 in. Diameter Top, 2¼ in. High Over All, Ap. Weight Per Dozen 1¼ Lbs.	$2.80
No. 5—Large Size, Aluminum, Satin Finish, Four Fold, 2⅛ in. Diameter Top, 2¾ in. High Over All, Ap. Weight Per Dozen ¾ Lb.	1.45
No. 15—Small Size, Aluminum, Satin Finish, Three Fold, 2⅛ in. Diameter Top, 2½ in. High Over All, Ap. Weight Per Dozen ⅜ Lb.	.90

One Dozen in a Box.

Nested Cups.

Aluminum, Polished Finish, with Snap Cover, Nest Consists of Six Cups.

	Per Dozen Nests
No. 2240—3 in. High, 2½ in. Wide, Ap. Weight Per Dozen Nests 6 Lbs.	$8.90

One Set in a Carton; Twelve Sets in a Package.

Oiled Clothing.

No. 06M.

CHALLENGE BRAND

MINERS' HATS

With Tins.

No. 06M—Yellow.

Size Nos.	3	4	5	6
Size, Inches	6¾	7	7¼	7½
Per Dozen	$6.70	6.70	6.70	6.70

Nos. 06 and 60.

SOU'WESTER

Lined.

No. 06—Yellow.

Size Nos.	3	4	5	6
Size, Inches	6¾	7	7¼	7½
Per Dozen	$5.80	5.80	5.80	5.80

No. 60—Black.

Size Nos.	3	4	5	6
Size, Inches	6¾	7	7¼	7½
Per Dozen	$5.80	5.80	5.80	5.80

Approx. Weight Per Dozen 4 Pounds.

Intended to meet the demand for a cheap Waterproof Hat. The crown is moderately stiff, as is also the brim.

DOUBLE JACKETS

No. 03—Yellow.

Size Nos.	0	1	2	3
Breast Measure, In.	44	42	38	36
Per Dozen	$22.25	22.25	22.25	22.25

No. 30—Black.

Size Nos.	0	1	2	3
Breast Measure, In.	44	42	38	36
Per Dozen	$23.10	23.10	23.10	23.10

Approx. Weight Per Dozen 36 Pounds.

Warranted Waterproof. Have Patented Non-Corrosive Zinc Buttons. Can be worn with Apron or String Pants.

DOUBLE LONG COATS OR SLICKERS

No. 01—Yellow.

Size Nos.	0	1
Breast Measure, In.	44	42
Length, Inches	60	58
Per Dozen	$44.50	44.50
Size Nos.	**2**	**3**
Breast Measure, In.	38	36
Length, Inches	56	54
Per Dozen	$44.50	44.50

No. 10—Black.

Size Nos.	0	1
Breast Measure, In.	44	42
Length, Inches	60	58
Per Dozen	$46.70	46.70
Size Nos.	**2**	**3**
Breast Measure, In.	38	36
Length, Inches	56	54
Per Dozen	$46.70	46.70

Approx. Weight Per Dozen 54 Pounds.

Warranted Waterproof. Have all improvements, such as Shoulder Caps, Elbow Patches, Inner Sleeves, Weather Fronts, Flannel Lined Collar and Patent Fastened Non-Corrosive Zinc Buttons.

DOUBLE FROCK OR PEA JACKETS

No. 02—Yellow.

Size Nos.	0	1
Breast Measure, In.	44	42
Per Dozen	$32.00	32.00
Size Nos.	**2**	**3**
Breast Measure, In.	38	36
Per Dozen	$32.00	32.00

No. 20—Black.

Size Nos.	0	1
Breast Measure, In.	44	42
Per Dozen	$33.75	33.75
Size Nos.	**2**	**3**
Breast Measure, In.	38	36
Per Dozen	$33.75	33.75

Approx. Weight Per Dozen 36 Pounds.

Warranted Waterproof. Have all improvements, such as Shoulder Caps, Elbow Patches, Inner Sleeves, Weather Fronts, Flannel Lined Collar and Patent Fastened Non-Corrosive Zinc Buttons, reach to the knees, and can be worn with oiled pants or rubber hip boots.

DOUBLE STRING PANTS

No. 05—Yellow, Length 27 to 32 Inches.

Size Nos.	3	2
Waist Measure, In.	36	38
Per Dozen	$21.35	21.35
Size Nos.	**1**	**0**
Waist Measure, In.	40	42
Per Dozen	$21.35	21.35

No. 50—Black, Length 27 to 32 Inches.

Size Nos.	3	2
Waist Measure, In.	36	38
Per Dozen	$22.25	22.25
Size Nos.	**1**	**0**
Waist Measure, In.	40	42
Per Dozen	$22.25	22.25

Approx. Weight Per Dozen 28 Pounds.

Warranted Waterproof. Made of carefully selected materials, thoroughly oiled and durably made. Has Patent Fastened Non-Corrosive Zinc Buttons.

DOUBLE APRON PANTS

No. 04—Yellow, Length 27 to 32 Inches.

Size Nos.	3	2
Waist Measure, In.	36	38
Per Dozen	$22.25	22.25
Size Nos.	**1**	**0**
Waist Measure, In.	40	42
Per Dozen	$22.25	22.25

No. 40—Black, Length 27 to 32 Inches.

Size Nos.	3	2
Waist Measure, In.	36	38
Per Dozen	$23.25	23.25
Size Nos.	**1**	**0**
Waist Measure, In.	40	42
Per Dozen	$23.25	23.25

Approx. Weight Per Dozen 28 Pounds.

Warranted Waterproof. Made of carefully selected materials, thoroughly oiled and durably made. Has Patent Fastened Non-Corrosive Zinc Buttons.

Open Stock.

Wading Boots and Pants.

Regular Stock Sizes.

MACKINTOSH HIP BOOTS

Stocking or Boot Sizes.

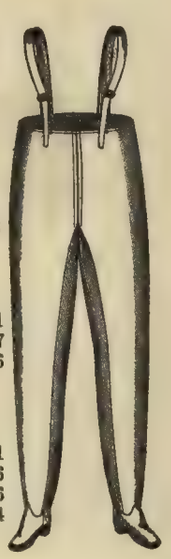
Foot, Nos.	5	6	7	8	9	10
Inside Seam, Inches	32½	32½	33	33½	33½	33½
Thigh, Inches	24	24	24	24	24	24
Calf, Inches	17 to 18	17 to 18	17 to 18	17 to 18	17 to 18	17 to 18

WADING PANTS, STOCKING FEET

Foot, Nos.	5	6	7	8	9	10	11
Hip, Inches	40	41	41	43	44	44½	47
Inside Seam, Inches	32½	32½	32½	34	35	35	36

WADING PANTS, BOOT FEET

Foot, Nos.	5	6	7	8	9	10	11
Hip, Inches	40	41	41	42	44	45	46
Inside Seam, Inches	32½	33	33	34	34	35	36
Outside Seam, Inches	49	49	51	51½	53	53½	54



MACKINTOSH HIP BOOTS

Per Pair

No. 1—Mackintosh, Dead Grass Color, Khaki Cloth, with Boot Feet, Approx. Weight Per Pair 6 Lbs. **$18.35**

No. 2—Mackintosh, Dead Grass Color, Khaki Cloth, with Stocking Feet, Approx. Weight Per Pair 3 Lbs. **14.50**

MACKINTOSH WADING PANTS

Per Pair

No. 3—Mackintosh, Dead Grass Color, Khaki Cloth, with Boot Feet, Approx. Weight Per Pair 7 Lbs. **$25.55**

No. 4—Mackintosh, Dead Grass Color, Khaki Cloth, with Stocking Feet, Approx. Weight Per Pair 4¼ Lbs. **22.25**

When Ordering, Always Mention Size Wanted.

NOTE—Prices Quoted are for Regular Stock Sizes, and are Subject to Change without Notice.

All Measurements varying from these sizes are "Specials" and must come from Factory, and will cost $2.00 per pair extra net more than regular sizes, **F. O. B. Factory.**

WE DO NOT GUARANTEE HIP BOOTS OR WADING PANTS.

They are Thoroughly Tested before Leaving Factory.

Rubber Boots.

WE DO NOT GUARANTEE RUBBER BOOTS

SHORT BOOTS

No. 10.

Per Pair

No. 10—Heavy, Net Lining, Height from Bottom of Heel to Top of Back Seam About 16½ in. **$8.35**
Sizes: 6, 7, 8, 9, 10, 11.
Weight Per Pair About 5 Pounds.

SPORTING BOOTS

No. 25.

Per Pair

No. 25—Net Lining, Height from Bottom of Heel to Top of Back Seam About 32 in. **$12.25**
Size: 6, 7, 8, 9, 10, 11.
Weight Per Pair About 6 Pounds.

HIP BOOTS

No. 30.

Per Pair

No. 30—Net Lining, Height from Bottom to Extreme Length of Hip About 37 in., from Heel to Crotch About 31 in. **$12.25**
Size: 6, 7, 8, 9, 10, 11.
Weight Per Pair About 6 Pounds.

STORM KING BOOTS

No. 20.

Per Pair

No. 20—Net Lining, Height from Bottom of Heel to Top of Back Seam About 27 in. **$10.25**
Size: 6, 7, 8, 9, 10, 11.
Weight Per Pair About 6 Pounds.

When Ordering, Always Mention Sizes Wanted. Prices Subject to Change without Notice.

Tackle Boxes.

No. 0.

Nos. 01 and 10.

Nos. 02 and 20.

No. 022.

		Per Dozen
No. 0	—Pocket Size, 7½x1¾x4½ in., 4 Compartments, IX Tin, Japanned, Brass Self-Locking Clasp, Approx. Weight Per Dozen 6 Lbs.	$ 6.35
No. 01	—8¼x3x4¼ in., 4 Compartments, IX Tin, Japanned, Improved Hasp and Locking Latch, Approx. Weight Per Dozen 18 Lbs.	7.40
No. 10	—8¼x3x4⅛ in., 4 Compartments, IXX Tin, Japanned, Improved Hasp and Locking Latch, Approx. Weight Per Dozen 15 Lbs.	9.70
No. 02	—10½x4x5⅛ in., 3 Spaces, 1 Round Bottom Tray with 5 Compartments, IX Tin, Japanned, Improved Locking Device, Approx. Weight Per Dozen 20 Lbs.	10.80
No. 20	—10½x4x5⅛ in., 3 Spaces, 1 Round Bottom Tray with 5 Compartments, IXX Tin, Japanned, Improved Locking Device, Approx. Weight Per Dozen 29 Lbs.	14.25
No. 022	—10½x4x5⅛ in., 3 Spaces, 1 Extra Heavy Tray with 3 Compartments, IX Tin, Japanned, Strong Hasp and Improved Locking Device, Approx. Weight Per Dozen 18 Lbs.	10.80

Nos. 03 and 30.

No. F1.

No. P2.

		Per Dozen
No. 03	—12¼x5½x6⅛ in., 2 Spaces and 2 Extra Trays, One with 3 and the Other with 6 Compartments, IX Tin, Japanned, Improved Locking Latch, Approx. Weight Per Dozen 33 Lbs.	$15.60
No. 30	—12¼x5½x6⅛ in., 2 Spaces and 2 Extra Round Bottom Trays, One with 3 and the Other with 6 Compartments, IXX Tin, Japanned, Extra Strong Hasp and Improved Locking Latch, Approx. Weight Per Dozen 46 Lbs.	19.75
No. F1	—9½x3½x7 in., 5 Spaces and 1 Extra Tray with 4 Compartments, IXX Tin, Japanned, Enameled Wood Side Handles, Approx. Weight Per Dozen 29 Lbs.	$15.60
No. P2	—10¾x4x7½ in., 5 Spaces and 1 Extra Tray with 4 Compartments, IXX Tin, Japanned, Improved Locking Device, Approx. Weight Per Dozen 39 Lbs.	22.40

No. E3.

No. 50.

No. 100.

		Per Dozen
No. E3	—11½x4¼x8 in., 5 Spaces and 3 Extra Trays, 1 Plain, 1 with 3 and 1 with 9 Compartments, IXX Tin, Japanned, Improved Locking Device, Approx. Weight Per Dozen 56 Lbs.	$33.10
No. 50	—Gasconade, 12x4½x9 in., 3 Spaces, One for Lunch and One for Bottle and Cup, 1 Tray with 12 Compartments, IXX Tin, Japanned, a Box for Service and Convenience, Approx. Weight Per Dozen 54 Lbs.	47.50
No. 100	—Imperial, 12½x4½x8 in., 6 Spaces, 2 Extra Round Bottom Trays, One Open with 2 Sections and the Other with Lid, Having 6 Compartments, IXXX Tin, Extra Large and Heavy, Black Japanned, Gold Striping, Nickel Plated Yale Lock, Heavy Leather Strap Handle, Approx. Weight Per Dozen 91 Lbs.	$93.00

Open Stock.

Tackle Boxes.

Galvanized, with Black Stripes on Outside.

Per Dozen

No. 30G—12¼x5½x6⅛ in., Two Large Compartments, Two Separate Trays, Large Tray Divided into 3 Compartments, Small Tray into 6 Compartments, Suitable for Loose Hooks, Sinkers, Swivels, Small Bait, Etc., Approx. Weight Per Dozen 48 Lbs.....**$22.75**

Open Stock.

No. 30G.

Extra Heavy Tin Plate, Rich Glossy Black Japanned with Gold Striping.

Per Dozen

No. 200—9x3½x8½ in., Divided into 4 Compartments, Three in Body, One in Rounded Top, Partitioned to Hold Reels, Artificial Bait, Etc., Equipped with Metal Loops for Strap, Solid Brass Handles and Fittings, Nickel Plated Yale Lock, Approx. Weight Per Dozen 52 Lbs....**$46.15**

Open Stock.

No. 200

Bait Boxes.

Crescent Shape.

Per Dozen

No. 30—6x1½x2¾ in., Tin, Japanned, Perforated Hinged Self-Locking Cover, Two Loops for Belt.....**$2.25**

Approx. Weight Per Dozen 3 Pounds. One Dozen in a Box.

Basket Shape with Loop.

Per Dozen

No. 20—3⅜x4x2 in., Tin, Japanned, Perforated Hinged Self-Locking Cover, with Loop for Belt.....**$1.60**

No. 40—3⅜x4x2 in., Tin, Japanned, Perforated Hinged Self-Locking Cover, with Safety Pin **1.80**

Approx. Weight Per Dozen 3 Pounds. One Dozen in a Box.

Minnow and Frog Buckets.

MIDGET

Tin, Japanned, Hinged Cover, Self-Locking.

No.	**2**
Quarts	2
Inches	5¾x4½
Ap. Wt. Per Dozen, Lbs.	7
Per Dozen	**$2.65**

Minnow Buckets.

ACME

Round, Single, IX Tin, Japanned, Fancy Decorations, Tin Edge Reinforced with Wire, Airholes Punched Around Top of Body, Perforated, Hinged and Hasped Self-Locking Cover.

Nos.	**06**	**08**	**010**
Quarts	6	8	10
Inches	8¼x7⅛	9⅛x8¼	10⅛x9¼
Ap. Weight Per Dozen, Lbs.	25	29	37
Per Dozen	**$7.40**	**9.00**	**10.40**

Nos. 06 to 010.

GOOD LUCK

With Tin Inset.

Round, Non-Floating, IX Tin, Japanned, Fancy Decorations, Perforated Tin Inset, No Cover on Outside Bucket, Wire Bail, Hinged Perforated Self-Locking Cover on Inset, Sunk Ice Pan Top.

Nos.	**6**	**8**	**10**	**12**
Quarts	6	8	10	12
Inches	7⅞x7¾	8¾x8⅛	9¼x8½	10¼x9½
Ap. Wt. Dozen, Lbs.	29	33	50	52
Per Dozen	**$9.25**	**10.60**	**12.75**	**14.25**

Nos. 6 to 12.

GOOD LUCK

With Wire Inset.

Nos.	**6W**	**8W**	**10W**
Quarts	6	8	10
Inches	7⅞x7¾	8¾x8⅛	9¼x8½
Ap. Weight Per Dozen, Lbs.	29	33	50
Per Dozen	**$10.25**	**12.10**	**14.80**

Nos. 6W to 10W.

HERO

Round, Heavy Material, Galvanized After Being Made up, Non-Floating Galvanized Wire Inset, no Cover on Outside Bucket, Wire Bail and Hinged Perforated Self-Locking Cover on Inset; Fancy Decoration, Sunk Ice Pan Top, Perfectly Rust and Weatherproof.

Nos.	**1208**	**1210**
Quarts	8	10
Inches	8¾x8	9½x8½
Ap. Weight Per Dozen, Lbs.	43	52
Per Dozen	**$13.50**	**17.00**

Open Stock.

Nos. 1208 and 1210.

Minnow Buckets.

CLIMAX

Round, IX Tin, Japanned, Fancy Decorations, Floating Galvanized Wire Inset, no Cover on Outside Bucket, Top Edge of Outside Bucket is Reinforced with Wire, Wire Bail and Hinged Perforated Self-Locking Cover on Inset, Sunk Ice Pan Top.

Nos.	108	110	112
Quarts	8	10	12
Inches	9x7¾	10x8⅛	10¾x9
Ap. Wt. Dz., Lbs.	41	45	56
Per Dozen	$16.35	18.10	21.60

SECURITY

Round, IX Tin, Japanned, Fancy Decorations, Floating Galvanized Wire Inset, Perforated, Hinged and Hasped Cover on Outside Bucket, Top Edge of Bucket Reinforced with Wire, Wire Bail and Hinged Perforated Cover, with Locking Latch on Inset.

Nos.	80	100
Quarts	8	10
Inches	9¼x8¼	10⅛x9½
Ap. Wt. Dozen, Lbs.	42	53
Per Dozen	$18.00	21.25

VICTOR

Round, Heavy Material, Galvanized After Being Made up, Floating Galvanized Wire Inset, no Cover on Outside Bucket, Wire Bail and Hinged Perforated Self-Locking Cover on Inset, Sunk Ice Pan Top, Perfectly Rust and Weather Proof.

Nos.	1308	1310
Quarts	8	10
Inches	8¾x8	9½x8½
Ap. Wt. Doz., Lbs.	49	62
Per Dozen	$18.00	21.70

NEW PARAGON

Oxal, IX Tin, Japanned, Fancy Decorations, Floating Galvanized Wire Inset, no Cover on Outside Bucket, Top Edge Reinforced with Wire, Galvanized Wire Self-Locking Inset Cover, Cone Shaped Air Chamber, Sunk Ice Pan Top.

Nos.	6250	6350
Quarts	8	10
Inches	10¾x7¼	11½x8¼
Ap. Wt. Doz., Lbs.	47	59
Per Dozen	$26.35	29.50

No.	6450
Quarts	12
Inches	12⅜x9
Ap. Wt. Doz., Lbs.	65
Per Dozen	$34.00

PERFECTION

Round, Heavy Material, Galvanized After Being Made up, Floating Galvanized Wire Inset, no Cover on Outside Bucket, Wire Bail and Hinged Perforated Self-Locking Cover on Inset, Fancy Decorations, Sunk Ice Pan Top, Perfectly Rust and Weather Proof.

Nos.	308	310
Quarts	8	10
Inches	8¾x8	9½x8½
Ap. Wt. Doz., Lbs.	49	62
Per Dozen	$21.60	23.25

CHAMPION

Oval, Single, Heavy Material, Galvanized After Being Made up, Airholes Punched Around Top of Bucket, Deep Sunken Cover to Hold a Liberal Quantity of Ice, Riveted Double Hinge, Hasp and Staple, Small Perforated Lid with Hinge and Self-Locking Clasp, Perfectly Rust and Weather Proof.

No.	950
Quarts	14
Inches	13½x10¼x13½
Ap. Wt. Doz., Lbs.	71
Per Dozen	$27.85

Open Stock.

IDEAL

Oval, IX Tin, Japanned, Striped and Ornamented, Floating Perforated Tin Inset, no Cover on Outside Bucket, Top Edge Reinforced with Wire, Hinged Perforated Self-Locking Cover on Inset, Sunk Ice Pan Top.

Nos.	425	435
Quarts	8	10
Inches	9¾x6½x8	10½x7¼x8
Wt. Doz., Lbs.	42	49
Per Dozen	$17.60	20.10

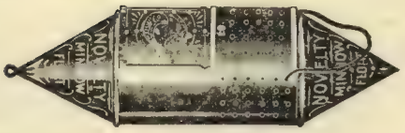
MARTIN'S

Galvanized After Making, **Ventilated Rotary Cover,** Perforated Top, Ten Square Inches Air Space, no Hinges, Indestructible Lock.

Nos.	G6	G8	G10
Diameter, Inches	9	9	9
Height, Inches	6½	8	9½
Ap. Wt. Dz., Lbs.	80	96	104
Per Dozen	$15.60	17.80	20.00

Minnow Floats and Traps.

NOVELTY



Galvanized Iron, Japanned and Finely Decorated. Per Dozen

No. 260—24 in. Long, 7 in. Diameter, Conical Ends, Cylindrical Body, Self-Locking Cover with Seamless Knob **$35.10**

Approx. Weight Per Dozen 72 Pounds.

Open Stock.

GEE'S IMPROVED

Galvanized Wire Cloth and Steel, Funned at Each End, Improved Snap Fastener.

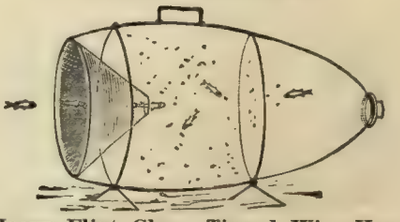
Per Dozen

No. 2—17½ in. Long, 9 in. Diameter **$14.50**

Approx. Weight Per Dozen 28 Pounds.

One-half Dozen in a Crate.

ORVIS PATTERN



Heavy Flint Glass, Tinned Wire Handles and Legs.

Each

No. 1—12 in. Long, 24 in. in Circumference **$3.35**

Approx. Weight Each 12 Pounds.

One in a Hinged Wooden Box.

Prepared Shiners.

In Glass Jars. Per Dozen Jars

No. 21—Small Size, for Still Fishing, 1 Pint Jar Contains About 200 Minnows..... **$3.90**

No. 22—Medium Size, Mixed, for Still Fishing and Casting, 1 Pint Jar Contains About 150 Minnows **3.90**

No. 23—Large Size, for Casting, 1 Pint Jar Contains About 100 Minnows..... **3.90**

Always ready for the hook. They are just as shiny and plump as the day they were caught. You can carry them any distance without the sun or weather affecting them in the least. Pickerel and bass will snap at one the minute they see it, because they are enticing; just the same in color and shape as live shiners. Are put up in 1 pint jars, securely sealed. You can carry them in your grip or pocket.

Approx. Weight Per Dozen Jars 21 Pounds.

One Dozen in a Case.

Trout Baskets.

FRENCH

Nos. 1 to 4.

Fine Quality Willow, METAL FASTENERS.

Nos.	1	2
Inches	11x8¼x5	12x8½x5
Capacity, Lbs.	10	13
Ap. Wt. Per Dozen, Lbs.	12	15
Per Dozen	$23.35	27.80
Nos.	**3**	**4**
Inches	13x9¼x5¾	14x10x6
Capacity, Lbs.	19	25
Ap. Wt. Per Dozen, Lbs.	18	20
Per Dozen	$32.25	38.35

Split Willow, LEATHER FASTENERS.

Nos.	02	03	04
Inches	11x8¼x5	12x8½x5½	13x9¼x5¾
Capacity, Lbs.	10	13	18
Ap. Wt. Doz., Lbs.	11	14	17
Per Dozen	$18.35	20.60	24.50

Open Stock.

Nos. 02 to 04.

Trout Basket and Bait Box Straps.

Basket Straps.

Per Dozen

No. 2—Web Center, with Plain Leather Strap, Approx. Weight Per Dozen 1½ Lbs..... **$3.90**

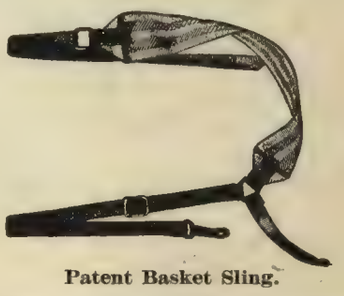
Bait Box Straps.

Per Dozen

No. 1 —Plain Leather, ½ in. Wide, 32 to 40 in. Long, Approx. Weight Per Dozen 3 Lbs..... **$2.25**

No. 1½—Plain Leather, ½ in. Wide, 44 to 48 in. Long, Weight Per Dozen 3½ Lbs..... **2.80**

Open Stock.



Patent Basket Sling.

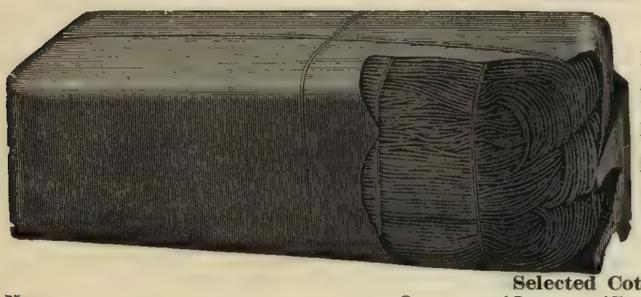
Per Dozen

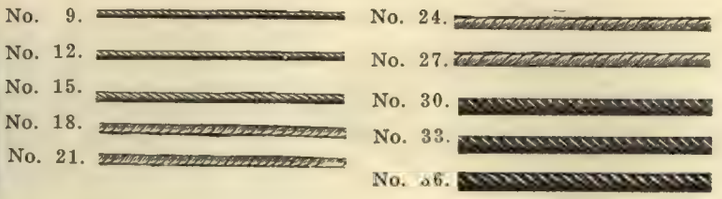
No. 3—Web Center, with Plain Leather Straps..... **$4.50**

Approx. Weight Per Dozen 5 Pounds.

Open Stock.

Seine Twine.



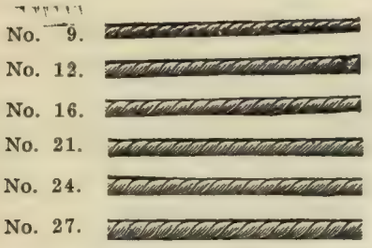


Selected Cotton, Medium Laid.

Nos.	9	12	15	18	21	24	27	30	33	36
Per Pound	$0.58	.56	.54	.54	.54	.54	.54	.54	.54	.54

Five Pounds in a Package.
We Do Not Break Packages.

Trot Lines.



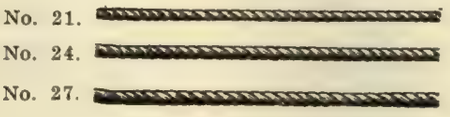
Made of Special Hard Laid Cotton, Perfectly Smooth, Put Up in Balls.

The Numbers Represent the Weight in Ounces of Each Ball.

Nos.	9	12	16	20	24	27
Ap. Wt. Ball, Lbs.	1/16	3/4	1	1 1/4	1 1/2	1 3/4
Per Pound	$0.51	.51	.51	.49	.49	.49

One Hundred Pounds in a Barrel.

Staging Twine.

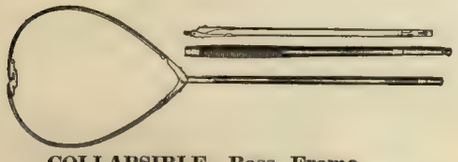


Three Ply Cotton, in. 2 Oz. Balls.

Nos.	21	24	27
Per Pound	$0.51	.51	.51

Five Pounds in a Sack.

Landing Net Frames.



COLLAPSIBLE, Bass Frame.

Per Dozen

No. 1—Harrimac, 14x15 in. Nickel Plated Steel Ring, 4 ft. Jointed Wood Handle, in Partition Cloth Bag, Ap. Weight Per Dozen 15 Lbs. **$24.50**

No. 2—"Our Own," 14x15 in. Black Enameled Steel Ring, 4 ft. Jointed Wood Handle, in Partition Cloth Bag, Ap. Weight Per Dozen 13 Lbs.. **18.90**

Open Stock.

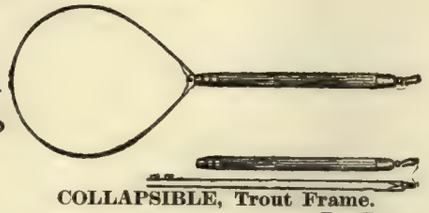
COLLAPSIBLE, Bass Frame.

Per Dozen

No. 10—I. D. L., 11 1/4 x13 1/2 in. Black Enameled Steel Ring, 30 in. Mottled Bamboo Handle, Coated with Best Varnish, in Partition Cloth Bag **$13.35**

Approx. Weight Per Dozen 9 Pounds.

Open Stock.



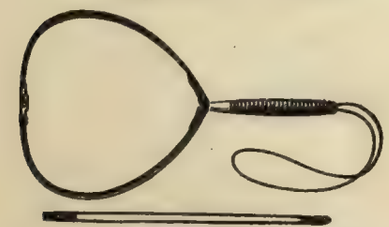
COLLAPSIBLE, Trout Frame.

Per Dozen

No. 11—I. D. L., 10 1/2 x11 in. Black Enameled Steel Ring, 12 in. Mottled Bamboo Handle, with Swivel Hook to Hook on Button or Belt, Always Ready for Use, Coated with Best Varnish, in Partition Cloth Bag.... **$10.60**

Approx. Weight Per Dozen 6 Pounds.
Open Stock.

Landing Net Frames.



COLLAPSIBLE, Trout Frame.

Per Dozen

No. 13—10 1/2 x11 in. Black Enameled Ring, 6 in. Black Scored Handle, with Rubber Elastic Cord for Carrying Over Shoulder..... **$13.90**

Approx. Weight Per Dozen 6 Pounds.
Open Stock.

Net Rings.

No. 100—Galvanized Iron, Round, to Drive.

Diameter, Inches	12	14
Ap. Wt. Per Doz., Lbs.	6 1/2	7 3/4
Per Dozen	$2.25	3.00
Diameter, Inches	16	18
Ap. Wt. Per Doz., Lbs.	8 1/2	10
Per Dozen	$3.90	4.50

Open Stock.

Net Rings.

No. 120—Galvanized Iron, 5/16 in. D Shape, to Drive.

Size, Inches	18
Ap. Weight Per Dozen, Lbs.	16
Per Dozen	$5.00

Open Stock.

Nets.

DIP NETS

For Aquarium or Minnow Bucket.

Per Dozen

No. 6—4⅜ in. Diameter at Top, 9½ in. Long Handle, Tinned Wire Frame **$3.70**

Approx. Weight Per Dozen 1½ Pounds.

One Dozen in a Box.

MINNOW DIP NETS

Each

King — Umbrella Type Steel Frame, Black Enameled, Fitted with a 4x4 ft. ⅛ in. Mesh, Common Sense Minnow Netting, Edges Bound with Strong Braid, Corners Reinforced, Length when Folded 40 in..... **$3.00**

Approx. Weight Each 2 Pounds.

One in a Cloth Cover.

LANDING NETS

COLLAPSIBLE, Trout Frame, Linen Net.

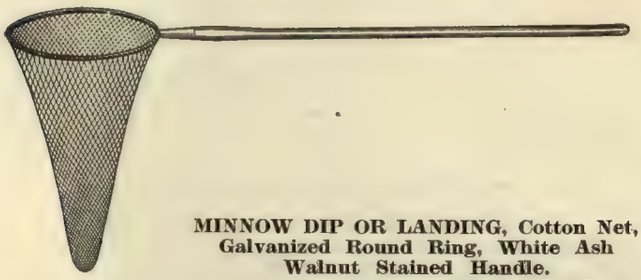
Per Dozen

No. 14—¾ in. Mesh, 20 in. Long, Net Tied on 10½x11 in. Black Enameled Frame with 6 in. Black Scored Handle and Rubber Elastic Cord for Carrying Over Shoulder... **$18.90**

Ap. Weight Per Dozen 7½ Pounds.

Open Stock.

Dip and Landing Nets.



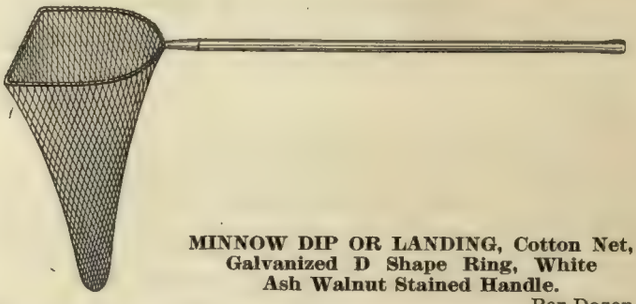
MINNOW DIP OR LANDING, Cotton Net, Galvanized Round Ring, White Ash Walnut Stained Handle.

Per Dozen

No. 150—With 24 in. Long White Cotton Net, ⅜ in. Mesh at Top, ⅛ in. Mesh at Bottom, Tied on ⅛ in. Round Ring, 18 in. Diameter, Fitted to a 4½ ft. Handle, Approx. Weight Per Dozen 36 Lbs..... **$19.50**

No. 151—With 30 in. Long Square Bottom Dark Color Cotton Net, ¾ in. Mesh Throughout, Tied on ⅛ in. Round Ring, 18 in. Diameter, Fitted to a 4½ ft. Handle, Approx. Weight Per Dozen 36 Lbs..... **$19.50**

Open Stock.



MINNOW DIP OR LANDING, Cotton Net, Galvanized D Shape Ring, White Ash Walnut Stained Handle.

Per Dozen

No. 160—With 24 in. Long White Cotton Net, ⅜ in. Mesh at Top, ⅛ in. Mesh at Bottom, Tied on ⅛ in. D Shape Ring, 18 in. Wide, Fitted to a 4½ ft. Handle, Approx. Weight Per Dozen 36 Lbs..... **$20.00**

No. 161—With 30 in. Long Square Bottom Dark Color Cotton Net, ¾ in. Mesh Throughout, Tied on ⅛ in. D Shape Ring, 18 in. Wide, Fitted to a 4½ ft. Handle, Approx. Weight Per Dozen 36 Lbs..... **16.70**

Open Stock.

EXTRA HANDLES

Per Dozen

Extra Handles—For Nos. 150, 151, 160 and 161, 4½ ft. White Ash, Walnut Stained..... **$5.60**

Approx. Weight Per Dozen 22 Pounds.

Open Stock.

Landing Nets.

Nickel Plated Steel Ring, Mottled Wood Handle, Cotton Net.

Per Dozen

No. 200—**Trout Size,** ¾ in. Mesh, 20 in. Long, Square Bottom, Dark Color Cotton Net, Tied on 10x12 in. Nickel Plated Round Spring Steel Ring, with 6 in. Mottled Wood Handle and Screw Eye **$8.90**

Approx. Weight Per Dozen 4 Pounds.

Open Stock.

Wood Bow, Screw-Off Handle, Linen Net.

Per Dozen

No. 31—**Bass Size,** 1 in. Mesh, 24 in. Long Linen Net, 12 in. Handle, Approx. Weight Per Dozen 6 Lbs **$15.00**

No. 32—**Bass Size,** 1 in. Mesh, 24 in. Long Linen Net, 24 in. Handle, Approx. Weight Per Dozen 7½ Lbs..... **15.00**

Extra Handles—24 in. Long, for Above Nets..... **5.00**

Open Stock.

Nets.

SQUARE DIP

SQUARE DIP

WHITE COTTON, No. 12 Twine.

Size, Feet	5x5	6x6	7x7	8x8	9x9
1 in. Mesh.....Each,	$1.15	1.55	1.90	2.50	2.90
2 in. Mesh.....Each,	.90	1.15	1.70	2.15	2.70

SQUARE MINNOW DIP

BARKED OR TANNED COTTON, ¼ in. Mesh, with Tinned Wire Rings on Each End.

Size, Feet	4x4	5x5
Each	$3.55	5.00

SQUARE SUCKER DIP NETS

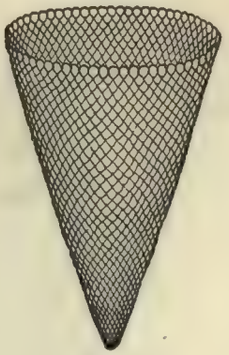
LINEN, Made Flat and with Very Little Bag. 1 in. Mesh, 25/3 Linen Twine.

Size, Feet	5x5	6x6
Per Dozen	$9.25	10.85

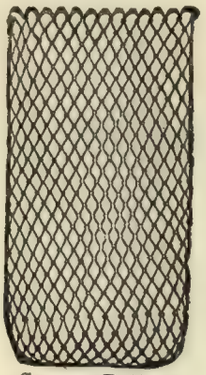
1½ in. Mesh, 18/3 Linen Twine.

Size, Feet	5x5	6x6	7x7	8x8
Per Dozen	$5.60	6.70	8.10	9.50

MINNOW DIP AND LANDING



Round.



Square Bottom.

ROUND MINNOW DIP

Cotton, ¼ in. Mesh at Bottom, ⅜ in. Mesh at Top.

Size, Inches	18	20	24	30	36
Per Dozen	$6.75	8.15	10.15	14.15	18.35

ROUND LANDING

Linen, ¾ in. Mesh Throughout.

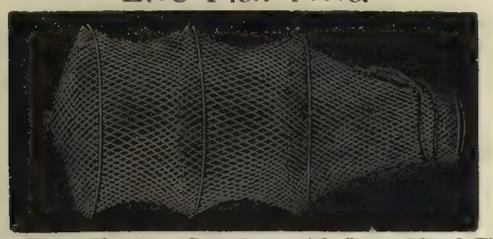
Size, Inches	18	20	24	30
Per Dozen	$2.90	3.15	3.90	5.00

SQUARE BOTTOM LANDING

Cotton, Dark Color, ¾ in. Mesh Throughout.

Size, Inches	20	24	30
Per Dozen	$3.90	4.50	6.15

Live Fish Nets.

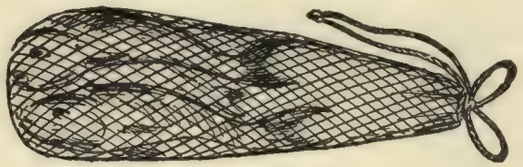


Cotton Seine Netting, Complete with Four Metal Hoops.

Diameter, Inches	10	12	14
Mesh, Inches	¾	¾	¾
Length, Inches	18	24	30
Per Dozen	$6.00	7.70	10.25

These Nets are used to put Fish in when caught, keeping them alive.

Fish Bags.

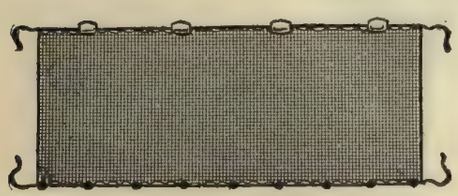


Cotton Net, Fitted with Drawstrings.

Length, Feet	2	2½	3
Mesh, Inches	1	1	1
Thread	16	16	16
Per Dozen	$5.60	6.35	8.60

Keeps fish alive for any length of time and affords a convenient means of holding and carrying them.

Minnow Seines.



COMMON SENSE

Light Woven Netting, ⅛ in. Square Mesh.

Size, Feet	4x8	4x10	4x12.	4x15	4x20	4x25	4x30	4x40
Each	$0.95	1.10	1.35	1.65	2.25	2.80	3.40	4.50

Heavy Woven Netting, ¼ in. Square Mesh.

Size, Feet	4x10	4x12	4x15	4x20	4x25	4x30	4x40	4x50
Each	$1.35	1.60	2.00	2.65	3.35	4.00	5.50	7.00

These Nets will catch the smallest minnows. Mounted on lines, with floats and improved cast lead sinkers complete, ready for use, except hauling lines. The best Seines for all around bait fishing.

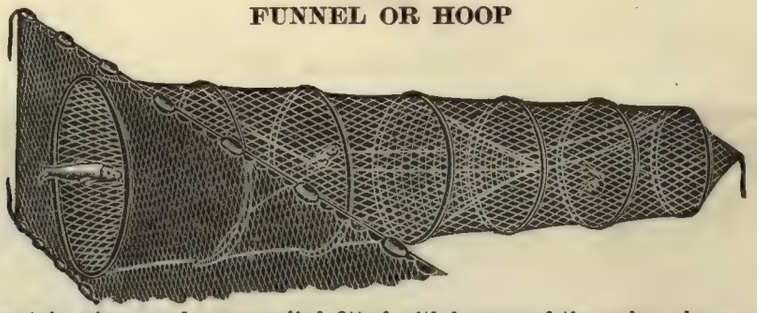
Above Goods are Shipped from Stock in Milwaukee.

Examine carefully all Nets before Using, as they Cannot be Returned after having been in the Water.

Nets.

FUNNEL OR HOOP

Write for Discount.



Funnel Nets do not contain wings, and are supplied fitted with hoops and the webs only.

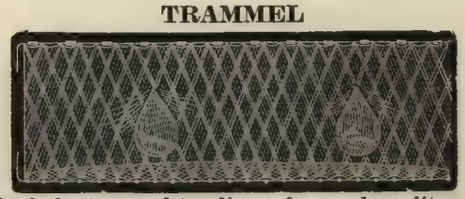
Fyke Nets are the same as Funnel Nets, but are fitted with a wing each side. These wings are hung on rope fitted with floats and sinkers.

When ordering it is necessary to state Number of the Net only, and specify if a Funnel Net or Fyke Net is wanted. These Nets will always be furnished in white, unless Tarred Nets are ordered.

	Funnel Nets, without Wings.								Fyke Nets, with Wings.		
Nos.	Height at Mouth, Feet	Throat	Length, Feet	No. of Hoops	Size of Mesh	Size of Twine	Complete with Hoops	Webs Only without Hoops	Size each Wing	Complete with Wings and Hoops	Extra Wings, per Yard
2	2	Sgl.	6	4	¾	9	$ 1.91	$ 0.96	6 ft. 1 in. -9	$ 2.74	$0.20¾
2½	2½	Dbl.	8	6	1	16	2.94	1.59	6 ft. 1¼ in.- 9	3.64	.17½
3	3	Dbl.	10	6	1¼	24	3.69	2.21	9 ft. 1½ in.- 9	4.70	.16¾
4	4	Dbl.	16	7	2 -1¾-1½	24	4.61	2.64	12 ft. 2 in.-12	5.88	.16
4-A	4	Dbl.	16	7	2 -1¾-1½	28	5.16	3.20	12 ft. 2 in.-12	6.44	.16
4-B	4	Dbl.	16	7	2 -1¾-1½	32	5.65	3.67	12 ft. 2 in.-12	6.93	.16
4½	4½	Dbl.	18	8	2½-2 -1½	24	5.42	3.10	15 ft. 2½ in.-12	7.09	.16¾
5	5	Dbl.	18	8	2½-2 -1½	28	6.59	4.10	15 ft. 2½ in.-12	8.29	.17
6	6	Dbl.	18	8	2½-2 -1½	28	7.99	4.85	20 ft. 2½ in.-12	10.40	.18
0-2½	2½	Dbl.	8	6	1	24	3.70	2.23	6 ft. 1¼ in.-16	5.56	.21½
0-3	3	Dbl.	10	6	1	24	5.26	3.57	9 ft. 1¼ in.-16	6.64	.23
0-4	4	Dbl.	16	7	1	24	8.54	6.23	12 ft. 1¼ in.-16	10.64	.26¼
0-5	5	Dbl.	18	8	1	24	11.81	8.78	15 ft. 1¼ in.-16	14.81	.30
0-6	6	Dbl.	18	8	1	24	13.91	10.10	20 ft. 1¼ in.-16	18.61	.35¼

Add for Tarring, 15% Extra.
These Nets are Made to Order and Cannot be Exchanged.
All Tarred Work at Owner's Risk.

TRAMMEL



Our Trammel Nets are hung on a single bottom and top line, of a good quality of cotton rope. They have three nets: the two outside nets called walling have large mesh of cotton twine; the inside net is made in a small mesh and of good quality of Linen Thread. This inside netting is exactly one-half deeper than the outside walling, or depth of net, so that a net 5 ft. deep will have inside netting 7½ ft. deep hung measure, allowing 2½ ft. of extra netting to pocket the fish. When fish strike the net from either side they draw the inside netting through the large outside mesh or walling, thus forming a bag which holds the fish, from which they cannot escape. These nets, therefore, are all fitted with ample amount of inside netting assuring a large catch.

Fitted with Floats and Leads Complete, Price Per Yard.

Size Inside Twine	25/3 Linen			18/3 Linen		16/3 Linen		12/3 Linen		
Size Inside Mesh,	¾ in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	2¼ in.	2½ in.	3 in.	4 in.
3½ ft. Deep...	$0.33	$0.24	$0.21½	$0.20¾	.....	.....	.....	.....	.....	.....
4 ft. Deep...	.34½	.26	.23	.21½	$0.20¾	$0.19¾	.....	.....	.....	.....
4½ ft. Deep...	.36	.28	.24½	.23	.22¼	.21½	.....	.....	.....	.....
5 ft. Deep...	.38	.30	.26	.24½	.23¾	.23	$0.22¾	$0.22	$0.21½	$0.20¾
6 ft. Deep...	.....	.35	.29	.28	.26	.25	.24¾	.24½	.23½	.22¼
7 ft. Deep...	.....	.....	.33	.31	.30	.28½	.28¼	.27¼	.25½	.23¾
8 ft. Deep...	.....	.....	.36½	.34	.33½	.32½	.32	.30¼	.27	.25¼
10 ft. Deep...	.....	.....	.....	.45	.44½	.43	.42½	.41	.40	.38

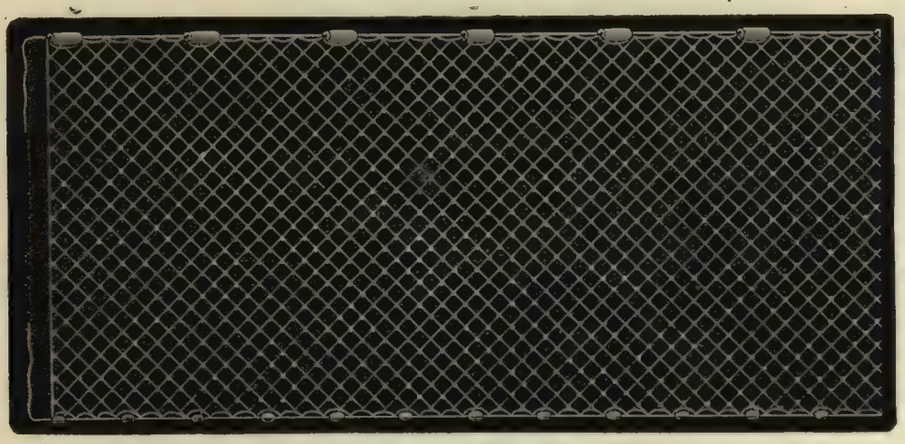
NOTE—All with 8 in. outside mesh No. 16 cotton twine except ¾ in. inside mesh in 3½ and 4 ft. depth which are fitted with 6 in. outside mesh No. 16 cotton twine.

For Tarring or Barking, Add 15% Extra.
Prices Do Not Include Extra Hauling Lines.
These Nets are Made to Order and Cannot be Exchanged.
Examine Nets carefully before using, as they cannot be returned after having been in the water.
All Sizes of Mesh are Square Measurement.
Above Nets Shipped Only from Chicago Factory.

Nets.

Write for Discount.

LINEN GILL OR SET



Hung Ready for Use.

These Nets are used for catching Whitefish, Trout, Pickerel, Bass, Ciscoes, Mullets, Perch, Suckers, Carp, etc. If you are not certain of exact size mesh necessary, write us what kind of fish, weight, etc., you intend to catch. These Nets are made of a fine **Linen Thread** which gills the fish, and has a single net hung on cotton lines, fitted with floats and leads complete.

These Nets are hung on ½ basis in length, which will gill the fish better than if hung on ⅓ basis. So that a Net of 100 yards long will have Netting 200 yards stretched hung into 100 yards on the line. This adds more in depth, so that it requires less number of mesh in depth than if estimated on ⅓ basis.

Price Per Running Yard, Hung Measure.

Size of Twine.....	40/3 Linen	30/3 Linen					
Size of Mesh.....	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	2¼ in.	2½ in.	3 in.
3½ ft. Deep.....	.....	.....	$0.09½	.....	$0.07½	.....	.....	.....
4 ft. Deep.....	$0.13½	$0.11	.10½	$0.09½	.08	$0.07½	$0.07¼	$0.07¼
5 ft. Deep.....	.16	.13½	.12	.10¾	.09	.08¼	.08	.08
6 ft. Deep.....	.18½	.15½	.13½	.12	.10	.09¼	.09	.09
7 ft. Deep.....	.21½	.17½	.15	.13½	.11	.10¼	.10	.10
8 ft. Deep.....	.24½	.19½	.16½	.15	.12	.11½	.11	.11
10 ft. Deep.....	.....	.24	.20	.18	.15	.14½	.14	.14
12 ft. Deep.....	.....	.....	.24	.21	.18	.17½	.17	.17

COTTON GILL

These Nets are made the same as the Linen Gill Nets, only of a Fine **Cotton Thread.**

Price Per Running Yard, Hung Measure.

Size of Twine.....	28/4 Sea Island			
Size of Mesh.....	1¼ in.	1½ in.	1¾ in.	2 in.
4 ft. Deep.....	$0.10½	$0.10	$0.08¾	$0.07½
5 ft. Deep.....	.12¾	.11½	.09½	.08¼
6 ft. Deep.....	.14¼	.12¾	.10¼	.09
7 ft. Deep.....	.16	.14	.11½	.10¼
8 ft. Deep.....	.17¼	.15	.12¾	.11

When ordering Nets, be careful to mention correct **Length, Depth** and size of **Mesh,** as all Nets are made to order and cannot be exchanged.

Examine Nets carefully before using, as they cannot be returned after having been in the water.

All Sizes of Mesh are Square Measurement.

Above Nets Shipped Only from Chicago Factory.

Seines.

Write for Discount.

MINNOW, CREEK AND SMALL MESH

We wish to draw your attention to the size of mesh in our Minnow Seines, which are made exact size and not with a large size mesh as supplied by others. These Nets are made so that they will measure the required depth, and for ¼ inch mesh it requires 36 mesh for every foot or 144 mesh for 4 ft. deep, and for ⅜ inch mesh it requires 24 mesh for every foot or 96 mesh for 4 ft. deep.

We furnish the ¼ inch mesh made of 20/6 Cotton Cable Twine only, and not of a heavier twine nor a linen twine, although the ⅜ inch mesh can be supplied of 9 thread cotton twine at an advanced price.

These Nets are fitted with more floats and leads than formerly, as it is very important to have plenty of leads on same to keep the lead line snug on bottom.

Minnow Seines are hung on a good grade of Cotton Line with single top and single bottom lines, floats are spaced 2 ft. apart and leads 8 inches apart (one under each float and two between). The Creek Seines in ½ and ¾ inch mesh are hung on still heavier Cotton Lines, with larger floats spaced 2½ ft. apart and heavier leads, 15 inches apart.

MINNOW SEINES

	¼ in. Mesh—20/6 Cable Twine.				⅜ in. Mesh—20/6 Cable Twine.			
Depth	3 ft.	4 ft.	5 ft.	6 ft.	3 ft.	4 ft.	5 ft.	6 ft.
10 ft. Long...Each,	$2.18	$2.78	$ 3.38	$ 3.99	$1.08	$1.33	$1.59	$1.84
15 ft. Long...Each,	3.26	4.16	5.07	5.97	1.62	2.00	2.38	2.76
20 ft. Long...Each,	4.35	5.56	6.76	7.97	2.16	2.67	3.18	3.68
25 ft. Long...Each,	5.43	6.94	8.45	9.96	2.70	3.33	3.97	4.61
30 ft. Long...Each,	6.53	8.34	10.15	11.96	3.24	4.00	4.76	5.53

CREEK SEINES

	½ in. Mesh—14/6 Hawser Twine.				¾ in. Mesh—20/12 Cable Twine.			
Depth	3 ft.	4 ft.	5 ft.	6 ft.	3 ft.	4 ft.	5 ft.	6 ft.
10 ft. Long...Each,	$1.05	$1.27	$1.48	$1.72	$0.94	$1.12	$1.32	$1.51
15 ft. Long...Each,	1.57	1.91	2.24	2.57	1.41	1.68	1.98	2.26
20 ft. Long...Each,	2.10	2.24	2.99	3.43	1.88	2.24	2.64	3.02
25 ft. Long...Each,	2.62	3.18	3.73	4.29	2.35	2.80	3.30	3.77
30 ft. Long...Each,	3.14	3.81	4.48	5.15	2.80	3.36	3.94	4.51

SMALL MESH SEINES

These Seines are fitted the same as our Straight and Tapered Seines, hung on Tarred Net Rope, single top and double right and left lay bottom lines, with floats and leads.

	½ in. Mesh.			¾ in. Mesh.		
Size	9 Soft	12 Soft	16 Soft	9 Soft	12 Soft	16 Soft
10 ft. x 4 ft.....Each,	$ 1.51	$ 1.83	$ 2.52	$ 1.07	$ 1.14	$ 1.49
15 ft. x 4 ft.....Each,	2.27	2.75	3.80	1.60	1.72	2.24
20 ft. x 4 ft.....Each,	3.02	3.65	5.05	2.13	2.29	2.99
20 ft. x 5 ft.....Each,	3.60	4.38	6.16	2.48	2.68	3.54
30 ft. x 5 ft.....Each,	5.40	6.57	9.24	3.72	4.03	5.30
30 ft. x 6 ft.....Each,	6.26	7.67	10.86	4.24	4.62	6.15
40 ft. x 6 ft.....Each,	8.35	10.23	14.48	5.65	6.16	8.19
50 ft. x 6 ft.....Each,	10.45	12.78	18.10	7.07	7.70	10.24
50 ft. x 7 ft.....Each,	11.91	14.65	20.80	7.94	8.68	11.67

All Minnow, Creek or Small Mesh Seines Tarred or Barked, 15% Extra.

Above Prices Do Not Include Extra Hauling Lines.

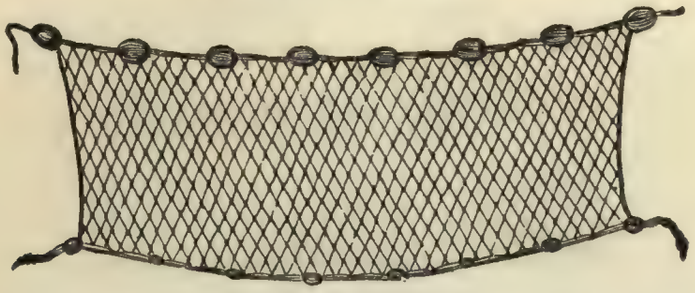
All Sizes of Mesh are Square Measurement.

Above Nets Shipped Only from Chicago Factory.

Seines.

STRAIGHT SEINES

Write for Discount.



Price Each, Complete.

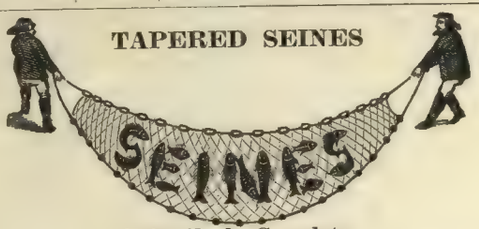
These prices are for Seines fitted with floats and leads complete, but do not include Extra Hauling Lines.

Size Twine....	9 Soft			12 Soft					16 Soft				
Size Mesh.....	1 in.	1¼ in.	1½ in	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.
20x4 ft.....	$ 1.48	$ 1.27	$ 1.13	$ 1.72	$ 1.45	$ 1.24	$ 1.10	$ 1.02	$ 2.13	$ 1.73	$ 1.49	$ 1.27	$ 1.14
30x5 ft.....	2.56	2.13	1.91	2.99	2.48	2.13	1.84	1.70	3.75	3.02	2.59	2.18	1.92
40x6 ft.....	3.86	3.19	2.83	4.56	3.73	3.19	2.73	2.51	5.80	4.61	3.92	3.27	2.87
50x6 ft.....	4.80	3.95	3.51	5.65	4.64	3.97	3.38	3.10	7.21	5.73	4.88	4.05	3.56
50x7 ft.....	5.34	4.35	3.86	6.34	5.16	4.38	3.70	3.37	8.16	6.42	5.43	4.48	3.91
60x8 ft.....	7.03	5.70	5.02	8.43	6.80	5.75	4.81	4.35	10.91	8.54	7.19	5.89	5.10
75x8 ft.....	8.78	7.11	6.26	10.51	8.48	7.16	6.00	5.43	13.62	10.65	8.97	7.34	6.35
100x8 ft.....	11.89	9.67	8.53	14.21	11.50	9.73	8.19	7.42	18.35	14.38	12.16	9.97	8.65

Straight Seines Per Yard, Complete.

Size Twine...	9 Soft			12 Soft					16 Soft					
Size Mesh...	1 in.	1¼ in.	1½ in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	3 in.
6 ft. Deep..	$0.29½	.24½	.22	.35	.28½	.24½	.21	.19½	.44	.35¼	.30¼	.25	.22¼	.17½
8 ft. Deep..	.36¼	.29½	.25¾	.43	.35	.29½	.25	.22¾	.55½	.43¾	.37	.30¼	.26¼	.19¾
10 ft. Deep..	.42½	.34¼	.30¼	.51¼	.41	.34½	.28½	.25¾	.66¾	.52	.43¾	.35¼	.30½	.22¼
12 ft. Deep..	.48¾	.39	.34¼	.59½	.47¼	.39¼	.32½	.29½	.78¼	.60¼	.50½	.40½	.34½	.24½
14 ft. Deep..	.55½	.43¾	.38¼	.67½	.53¼	.44½	.36¼	.32¼	.89¼	.68¾	.57¼	.45¾	.39	.27

TAPERED SEINES



Price Each, Complete.

These Tapered Seines are mostly used in lengths of 120 ft. and longer, whereas in the shorter lengths the regular Straight Seines listed above are used. Prices do not include extra hauling lines.

Size Twine	12 Soft					16 Soft					
Size Mesh	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	3 in.
120x10x 8 ft.	$19.21	$15.62	$13.02	$11.07	$ 9.94	$25.05	$19.53	$16.61	$13.51	$11.72	$ 8.62
150x12x10 ft.	28.26	22.56	18.92	15.65	14.26	37.00	28.89	24.00	19.53	16.67	11.99
180x12x10 ft.	33.93	27.08	22.70	18.80	17.10	44.41	34.65	28.81	23.43	20.02	14.40
200x14x10 ft.	40.67	32.27	26.86	22.24	20.08	53.41	41.22	34.44	27.67	23.61	16.83
250x14x10 ft.	50.85	40.35	33.57	27.80	25.10	66.76	51.37	43.04	34.57	29.50	21.04
300x14x10 ft.	61.02	48.42	40.27	33.37	30.11	80.13	61.83	51.66	41.50	35.40	25.24

Add for Tarring or Barking, 15% Extra.

Our Straight and Tapered Seines are hung on a good grade of Tarred Net Rope, with a single line at top and double lines at bottom. These bottom lines consist of one rope right lay, the other rope left lay, which prevents the bottom lines from rolling. The size of mesh in all our Nets will be exactly as specified and not ⅛ or ¼ inch larger, which some of the **dealers supply,** as it requires less amount of netting.

We hang our Seines on one-third basis which is necessary to allow ample amount of netting to fish successfully. As the Netting is hung on the customary diamond shape, it requires the following number of mesh to every foot, viz.: in 1 inch, square mesh, 9 meshes to a foot; 1½ inch, 6 meshes to a foot; 2 inch, 4½ meshes to a foot; 3 inch, 3 meshes to a foot, etc., so that a Seine 6 ft. in depth and 1 in. mesh will have 54 meshes in depth and a seine 6 ft. deep, 1½ in. mesh, will have 36 meshes in depth.

By following the above basis it is a very simple matter for you to determine the exact depth of Nets, also to satisfy yourself that you have the required number of meshes in depth.

All our Seines and Cotton Netting are made of the celebrated **Gold Medal Twine,** which is manufactured especially for fishing purposes. This is a very high grade of twine, made of a true ten-yarn twine of best quality of cotton. To determine the size of twine, simply unravel the strands and count the number of threads.

All Sizes of Mesh are Square Measurement.

Above Nets Shipped Only from Chicago Factory.

Netting Only.

Write for Discounts.

NETTING ONLY FOR MINNOW AND CREEK SEINES

Per Running Yard.

Depth		3 ft.	4 ft.	5 ft.	6 ft.
¼ in. Mesh	20/6 Twine	$0.54	$0.72	$0.90½	$1.08
⅜ in. Mesh	20/6 Twine	.23	.30	.37	.45
½ in. Mesh	14/6 Twine	.21	.27	.34	.41
¾ in. Mesh	20/12 Twine	.17	.22½	.28	.34

Above prices are per running yard, hung measure. It will take 10 yards of netting hung measure to make a Seine 10 yards long.

WHITE COTTON NETTING

For River and Lake Seines.

Price Per Pound.

Size of Twine.	Size of Square Mesh.								
	½ in.	¾ in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	2½ in.	3 in.
6 Thread .....Per Pound,	$1.10	$0.86	$0.78	$0.73	$0.69	$0.67	$0.65	$0.62	$0.60
9 Thread .....Per Pound,	.80	.65	.61	.59	.57	.55	.54	.53	.51
12 Thread .....Per Pound,	.72	.60	.56	.54	.53	.52	.51	.49	.48
15 Thread .....Per Pound,	.65	.55	.52	.51	.49	.48	.47	.46	.45
18 Thread .....Per Pound,	.....	.51	.49	.48	.47	.46	.46	.45	.44
21 Thread .....Per Pound,	.....	.49	.47	.46	.45	.45	.44	.43	.43
24 Thread .....Per Pound,	.....	.48	.46	.45	.45	.44	.44	.43	.42

Tarring or Barking, 4 Cents Per Pound Extra, Net.

LINEN NETTING

We supply the inside filling for old Trammel Nets, also the netting only for Gill Nets. In ordering, state exact size of net you intend to re-fit, give size of mesh and twine.

Price Per Pound.

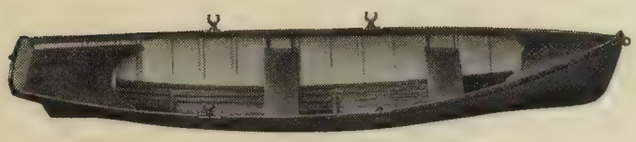
Size of Twine	Size of Square Mesh.							
	¾ in.	1 in.	1⅛ in.	1¼ in.	1⅜ in.	1½ in.	1¾ in.	2 in.	2½ in.
12/3 .....Per Pound,	$1.79	$1.63	$1.56	$1.51	$1.46	$1.40	$1.34	$1.31	$1.29
16/3 .....Per Pound,	1.96	1.79	1.73	1.69	1.62	1.57	1.50	1.48	1.45
18/3 .....Per Pound,	2.07	1.90	1.84	1.79	1.73	1.68	1.62	1.59	1.57
20/3 .....Per Pound,	2.13	1.98	1.90	1.84	1.78	1.73	1.67	1.64	1.62
25/3 .....Per Pound,	2.35	2.17	2.12	2.07	2.01	1.96	1.90	1.87	1.85
30/3 .....Per Pound,	2.52	2.36	2.29	2.24	2.18	2.13	2.08	2.06	2.02
35/3 .....Per Pound,	2.74	2.58	2.52	2.46	2.40	2.37	2.33	2.31	2.26
40/3 .....Per Pound,	2.97	2.79	2.73	2.70	2.67	2.65	2.62	2.57	2.52
45/3 .....Per Pound,	3.20	3.05	2.99	2.95	2.91	2.89	2.84	2.80	2.74
50/3 .....Per Pound,	3.48	3 31	3.24	3.20	3.15	3.12	3.06	3.02	2.96
60/3 .....Per Pound,	4.26	4.08	4.03	3.98	3.92	3.86	3.81	3.78	3.75

All Sizes of Mesh are Square Measurement.

Above Netting Shipped Only from Chicago Factory.

Steel Row Boats.

MULLIN'S

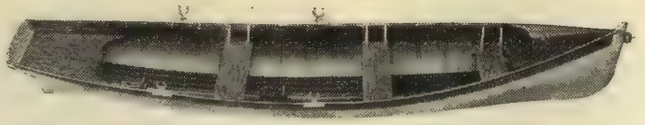


"Prince," with Bottom Boards, Rowing Braces, Two Pair Oar Locks, Tying Rings at Bow and Stern, Air Tight Compartment Under Decks Like a Lifeboat, and One Pair 7½ Foot Straight Ash Oars, Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings.

Each

Prince—14 ft. Long, 44 in. Beam, 22 in. High at Bow, 21½ in. Stern, 13½ in. Amidship.....**$79.00**

Weight Each, Crated, About 235 Pounds.

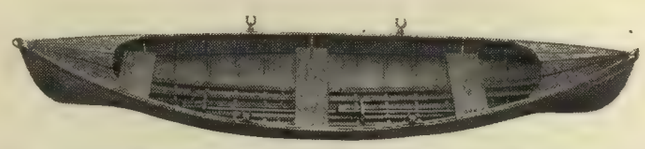


"Sultan," with Bottom Boards, Rowing Braces, Two Pairs Oar Locks, Tying Rings at Bow and Stern, Air Tight Compartments Under Decks Like a Lifeboat, One Pair 7½ Foot Straight Ash Oars, Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings.

Each

Sultan—16 ft. Long, 50 in. Beam, 25 in. High at Bow, 23½ in. Stern, 15 in. Amidship.....**$87.70**

Weight Each, Crated, About 275 Pounds.



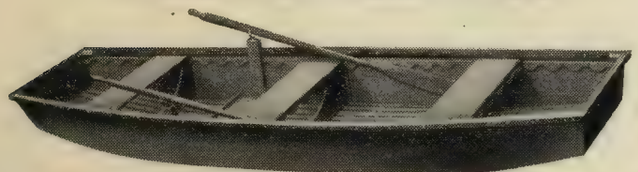
"Queen," with Bottom Boards, Rowing Braces, Two Pairs Oar Locks, Tying Rings at Bow and Stern, Air Tight Compartments Under Decks Like a Lifeboat, One Pair 7½ Foot Straight Ash Oars, Finished in Aluminum Outside, Light Blue Inside, Natural Wood Trimmings.

Each

Queen—15 ft. Long, 44 in. Beam, 22 in. High at Bow, 22 in. Stern, 13½ in. Amidship.....**$81.15**

Weight Each, Crated, About 225 Pounds.

HUNTING AND FISHING BOATS



"Izaak Walton," Heavy Corrugated Double Galvanized Steel Bottom, Scalloped Seat Rails and Braces, One Pair Oar Locks, Tying Rings at Bow and Stern, One Pair 7½ Foot Straight Ash Oars, Finished Dead Grass Color Inside and Outside.

Each

"Izaak Walton"—14 ft. Long, 38 in. Beam, 11 in. High at Bow, 11 in. Stern, 15 in. Amidship.....**$65.60**

Weight Each, Crated, About 195 Pounds.

EXTRA EQUIPMENT FOR "IZAAK WALTON" HUNTING AND FISHING BOATS

Per Pair

No. 1—Air Chambers **$10.00**

Each

No. 2—Swivel Chair..**$6.70**
No. 3—Fish Box..... **8.90**
No. 4—Life Preserver Pillow **3.50**

Per Set

No. 5—Two Anchors, Cables and Pulleys **$7.80**

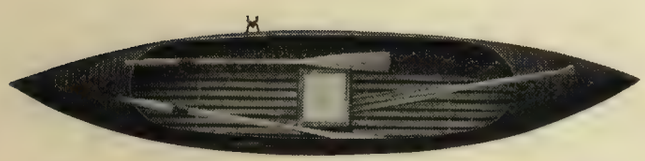
Each

No. 6—Back Rests...**$3.00**

Cut Shows Extra Equipment.

Steel Duck Boats.

MULLIN'S

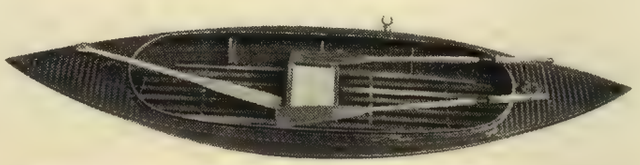


"Get There," with Bottom Board, Movable Seat, Oars and Oar Locks and One Long or Short Paddle, Painted Dead Grass Color.

Each

Get There—14 ft. Long, 36 in. Beam, 12½ in. High to Top of Coaming at End, 10 in. Amidship, 9 ft. Long Cockpit, 30 in. Wide Cockpit.....**$51.15**

Weight Each, Crated, About 130 Pounds.



"Bustle," with Bottom Board, Movable Seat, Oars and Oar Locks, One Long or Short Paddle, Painted Dead Grass Color.

Each

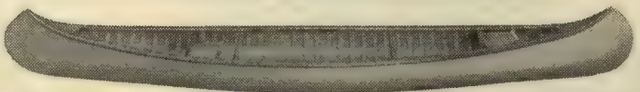
Bustle—14 ft. Long, 46 in. Beam, 12½ in. High to Top of Coaming, 10 in. Amidship, 9 ft. Long Cockpit, 30 in. Wide Cockpit.....**$65.60**

Weight Each, Crated, About 150 Pounds.

All the Above are Shipped Direct from Factory, F. O. B. Salem, Ohio.

Canoes.

OUTSIDE CANVAS COVERED



Cedar Ribs and Planking, Ash Stems, Clear Grained Spruce Gunwales, Ash or Maple Thwarts and Seat Frames, Special Design Polished Brass Bang Plates, Clear Maple Decks, Colors Yale Blue, Harvard Red or Coach Green.

Yale, Standard Grade, Including Keel and Open Gunwale.

Each

Yale—16 ft. Long, 33 in. Wide at Rails Amidship, 33½ in. Wide at Bilge Amidship, 12 in. Deep Amidship **$71.50**

Weight Each, Crated, About 115 Pounds.

Harvard, Standard Grade, Including Keel and Open Gunwale.

Each

Harvard—18 ft. Long, 34 in. Wide at Rails Amidship, 35 in. Wide at Bilge Amidship, 12½ in. Deep Amidship **$79.70**

Weight Each, Crated, About 125 Pounds.

All Above Canoes are Shipped Direct from Factory, F. O. B. Salem, Ohio.

Canoe Paddles.

SINGLE

Beaver Tail Pattern.

Per Dozen

No. 15—Lengths 4½, 5 and 5½ ft., Extra Quality Selected Northern Fir, Hand Made..... **$21.10**

No. 17—Length 4½, 5 and 5½ ft. Selected New York Maple or White Spruce..... **26.65**

DOUBLE

Copper Tipped.

Each

No. 25—Lengths 8½, 9, 9½ and 10 ft., Selected Quality Well Seasoned Spruce, Highly Finished, Nickel Plated Brass Ferrules..... **$5.55**

Boat Oars.

Best White Ash, Copper Tipped.

Per Foot

No. 1—Straight Blade, Length 6, 6½, 7, 7½, 8, 8½, 10 and 12 ft..... **$0.20**

No. 1—Straight Blade, Length 14 ft..... **.44**

Best White Ash, Plain Tip.

Per Foot

No. 2—Straight Blade, Length 6, 6½, 7, 7½, 8, 8½, 10 and 12 ft..... **$0.17**

Best Spruce, Copper Tipped.

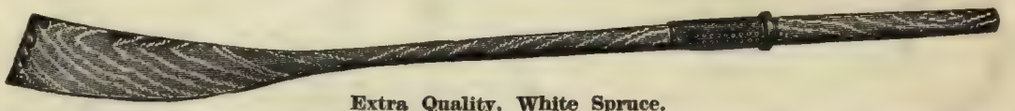
Per Foot

No. 11—Straight Blade, Not Leathered, Length 6, 6½, 7, 7½ and 8 ft..... **$0.21**

No. 12—Straight Blade, Leathered, Oil Finished and Varnished, Length 6, 6½, 7, 7½ and 8 ft..... **.40**

Per Dozen

Extra Copper Tips Only—For 6, 6½, 7 and 7½ ft. Ash or Spruce Straight Blade Oars..... **$1.35**



Extra Quality, White Spruce.

Per Foot

No. 10—Spoon Blade, Copper Tipped and Leathered, Oil Finished and Varnished, Light Weight, Lengths 6, 6½, 7, 7½ and 8 ft..... **$0.44**

Oar Leathers.

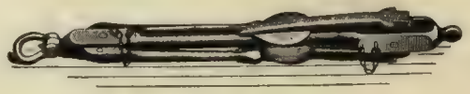
Specially Prepared Oak Leather.

Per Dozen Sets

No. 7—6x6 in., with Tacks and Nails, Ready for Use...**$7.25**

One Set (for Two Oars) in Envelope.

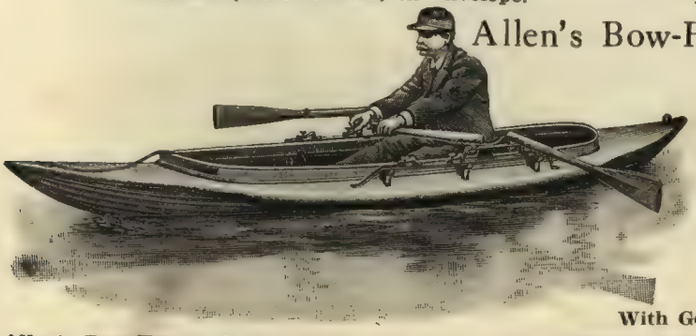
Dirigo Folding Anchors.

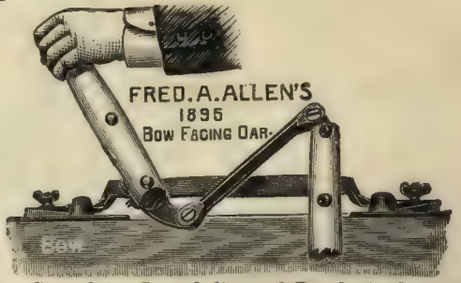


Galvanized to Prevent Rusting.

Weight Each, Lbs.....	8	10	12	16	20
Each	$3.00	3.90	4.45	5.55	7.25

Allen's Bow-Facing Oars.





With Gear.

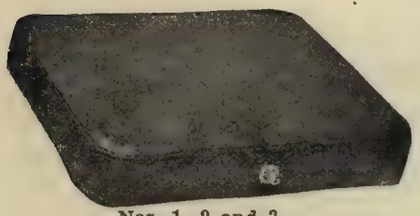
Per Set

Allen's Bow-Facing Oars—Rowing Gear and Copper Tipped Spruce Blades, Complete, 7 or 8 ft., and Ready to Screw on Gunwale **$13.35**

By the use of these Oars and Gear, the Oarsman faces the direction he is going and rowing is made much easier.

In Ordering, Mention Beam of Boat. Shipped from Factory, F. O. B. Monmouth, Ill.

Canoe or Boat Cushions.



Nos. 1, 2 and 3.

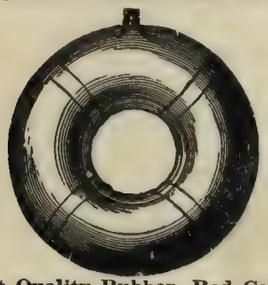
Pneumatic, Whipcord Surface, Fitted with Life Lines.

Single Seat.	Each
No. 1—Size 12x14 in.	$6.70
No. 2—Size 12x16 in.	7.25
No. 3—Size 12x20 in.	7.80

Double Seat.	Each
No. 11—Seat 12x12 in., Back 12x12 in.	$12.75
No. 12—Seat 12x14 in., Back 12x20 in.	14.45
No. 13—Seat 12x15 in., Back 15x18 in.	16.10

Nos. 11, 12 and 13.

Air Cushions.
(OR INVALID RINGS)



Best Quality Rubber, Red Color.

Nos.	22	24	26
Diam., Inches	12	14	16
Each	$2.80	3.40	3.90

Boat Seats.

Folding.

	Per Dozen
No. 505—10½x11 in. Seat, 13 in. High Back, Selected Rod Steel Frame, Japanned, Brown Duck Seat and Back, Weight Each About 2 Lbs.	$24.00

Water Wings.

Learn to Swim by One Trial.
Porous Muslin Cloth, Web Bound.

	Per Dozen
No. 1—White	$4.45
No. 2—Colored	6.10

A Child or Grown Person can Learn to Swim by One Trial.
Weight Per Dozen About ½ Pound.

Oar or Row Locks.

Malleable Iron, Plain.

Nos.	862	863
Weight Per Pair, Lbs.	1⅛	1½
Opening Between Horns, In.	2	2¼
Per Pound	$0.18	.18

Malleable Iron, Galvanized.

Nos.	1605	1607
Opening Between Horns, In.	2	2¼
Per Pair	$0.26	.38

North River Pattern, Malleable Iron, Plain.

	Per Pound
No. 865½—2 in. Opening Between Horns, Wt. Per Pair 1¾ Lbs.	$0.18

North River Pattern, Malleable Iron, Galvanized.

	Per Pair
No. 1865—2 in. Opening Between Horns	$0.34
Extra Galvanized Sockets Only—For No. 1865 Oar Locks	.12

Malleable Iron, with Side Plate.

	Per Pair
No. 25—Plain, 1⅜ in. Opening Between Horns, for 6, 6½ and 7 ft. Oars Only	$0.45
No. 26—Galvanized, 1⅜ in. Opening Between Horns, for 6, 6½ and 7 ft. Oars Only	.56

Weight Per Pair About 2 Pounds.

Malleable Iron, Galvanized.

Nos.	1	2
Inside Diam. Hole, Inches.	2¼	2½
Per Pair	$0.42	.56

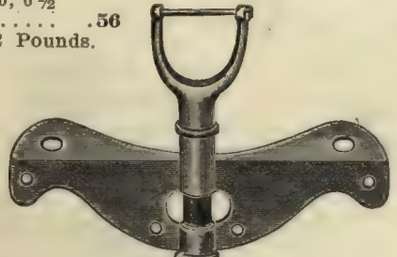
Weight Per Pair About 1¾ Pounds.

Malleable Iron, Galvanized, Swivel.

No.	1598
Opening Between Horns, Inches.	2
Per Pair	$0.90

Weight Per Pair About 1½ Pounds.

No. 29.



No. 27.

Plain Malleable.

	Per Pair
No. 27—Angle Socket, with 2 in. North River Pattern Horn	$0.50
No. 28—Angle Sockets Only	.27
No. 29—Angle Socket with 1½ in. Between Horns by 2 in. Center, Open Horns	.50

Weight Per Pair About 1½ Pounds.

Polished Brass.

	Per Pair
No. 431—2 in. Opening Between Horns, with Fancy Side Plate and Chain	$2.80

Weight Per Pair About 1½ Pounds.

Paulins.

Write for Discount.

For Covering Stacks, Hay, Cars, Wagons, Merchandise and All Kinds of Machinery.

"Best Grade"—Made of 29 in. Wide Duck.
Discount.....%

No. 2 Grade—Made of 36 in. Wide Duck.
Discount.....%

Paulins are Made to Order.

Size, Feet	8 Oz. Duck, Single Filling	10 Oz. Duck, Single Filling	12 Oz. Duck, Double Filling	13 oz. Duck or No. 10	15 Oz. Duck or No. 8.	18 Oz. Duck or No. 6
5½x 9	.....	.....	.....	$ 3.80	$ 4.20	$ 4.80
5½x12	.....	.....	.....	5.05	5.60	6.40
7 x12	$ 2.26	$ 2.80	$ 4.20	6.45	7.15	8.15
7 x15	2.82	3.65	5.25	8.05	8.95	10.15
10 x16	3.90	4.80	7.45	12.30	13.60	15.50
10 x17	4.15	5.10	7.90	13.05	14.45	16.45
10 x18	4.40	5.40	8.40	13.80	15.30	17.40
12 x14	4.25	5.25	8.10	12.90	14.30	16.25
12 x16	5.00	6.00	9.30	14.75	16.35	18.55
12 x18	5.50	6.75	10.45	16.55	18.35	20.90
12 x20	6.15	7.50	11.65	18.40	20.40	23.20
14 x16	6.50	7.95	11.20	17.20	19.05	21.65
14 x18	7.30	8.95	12.60	19.35	21.40	24.35
14 x20	8.15	9.95	14.00	21.50	23.80	27.10
14 x22	8.95	10.95	15.40	23.60	26.20	29.80
14 x24	9.75	11.95	16.80	25.75	28.55	32.50
16 x16	7.45	9.10	12.80	19.65	21.75	24.75
16 x18	8.35	10.25	14.40	22.10	24.50	27.85
16 x20	9.30	11.35	16.00	24.55	27.20	30.95
16 x22	10.20	12.50	17.60	27.00	29.95	34.00
16 x24	11.15	13.65	19.20	29.45	32.65	37.15
16 x26	12.05	14.80	20.80	31.90	35.35	40.20
16 x28	13.00	15.90	22.40	34.35	38.10	43.30
16 x30	13.95	17.05	24.00	36.80	40.80	46.40
18 x20	10.45	12.80	18.00	27.60	30.60	34.80
18 x22	11.50	14.05	19.80	30.35	33.65	38.30
18 x24	12.55	15.35	21.60	33.10	36.75	41.75
18 x26	13.60	16.60	23.40	35.90	39.80	45.25
18 x28	14.65	17.90	25.20	38.65	42.85	48.75
18 x30	15.65	19.20	27.00	41.40	45.90	52.20
18 x32	16.70	20.45	28.80	44.15	48.95	55.70
18 x36	18.80	23.00	32.40	49.70	55.10	62.65
18 x38	19.85	24.30	34.20	52.45	58.15	66.10
18 x40	20.90	25.60	36.00	55.20	61.20	69.60
20 x24	13.95	17.05	24.00	36.80	40.80	46.40
20 x30	17.40	21.30	30.00	46.00	51.00	58.00
20 x36	20.90	25.55	36.00	55.20	61.20	69.60
20 x40	23.20	28.40	40.00	61.35	68.00	77.35
24 x30	20.90	25.55	36.00	55.20	61.20	69.60
24 x36	25.10	30.70	43.20	66.25	73.45	82.50
24 x40	27.85	34.10	48.00	73.60	81.60	92.80
24 x50	34.80	42.60	60.00	92.00	102.00	116.00

Shipped from Factory, F. O. B. Chicago.

Tents.

STANDARD FULL WEIGHT AND FULL MEASURE WALL

Write for Prices.

Illustration Shows Tent with Fly. Fly not Furnished Unless Ordered.

"Best Grade"—Made of 29 in. Wide Duck, *with Center Pole 6 in. Higher than Listed Below.

Discount.....%

No. 2 Grade—Made of 36 in. Wide Duck, *with Center Pole as Specified in the List Below.

Discount.....%

No. 3 Grade—Made of 40 in. Wide Duck, *with Center Pole 6 in. Lower than Listed Below.

We Do Not Handle the No. 3 Grade Light Weight Tent.

Machine Sewed, Complete with Poles, Stakes, Guys and Keys.

Size, Feet	*Height of Center, Feet No. 2 Grade	Height of Wall, Feet	8 Oz. Duck, Single Filling, Each	10 Oz. Duck, Single Filling, Each	12 Oz. Duck, Single Filling, Each	10 Oz. Duck, Double and Twisted Filling or 8 Oz. Army Each	12 Oz. Duck, Double and Twisted Filling or 10 Oz. Army Each	12 Oz. Army Duck or No. 10, Each
7 x 7	6½	3	$ 8.00	$ 9.35	$11.35	$10.35	$12.25	$14.55
7 x 9	6½	3	9.50	11.05	13.55	12.30	14.60	17.40
9 x 9	7	3	10.95	12.80	15.80	14.30	17.00	20.30
9½x12	7	3	12.90	15.05	18.55	16.80	19.95	23.80
9½x14	7	3	14.65	17.10	21.10	19.10	22.65	27.05
12 x12	7½	3½	15.30	17.95	22.05	20.00	23.75	28.40
12 x14	7½	3½	17.30	20.20	24.90	22.55	26.80	32.05
12 x16	7½	3½	19.20	22.45	27.65	25.05	29.80	35.65
12 x18	7½	3½	21.35	24.95	30.65	27.80	33.00	39.45
14 x14	8½	4	20.60	24.15	29.75	26.95	32.10	38.45
14 x16	8½	4	22.70	26.65	32.95	29.80	35.50	42.55
14 x18	8½	4	25.35	29.75	36.65	33.20	39.45	47.30
14 x20	8½	4	28.20	32.75	40.05	36.40	43.00	51.15
14 x24	8½	4	31.80	36.90	45.10	41.00	48.10	57.25
16 x16	9½	5	28.20	33.20	41.10	37.15	44.10	53.05
16 x18	9½	5	30.95	36.40	45.10	40.75	48.25	58.00
16 x20	9½	5	34.10	39.80	48.80	44.30	52.15	62.30
16 x24	9½	5	38.85	45.20	55.30	50.25	59.05	70.40
16 x30	9½	5	47.00	54.75	66.95	60.85	71.50	85.30
16 x35	9½	5	52.60	61.30	74.90	68.10	80.20	95.60
18 x18	10½	5	35.40	41.60	51.30	46.45	55.20	66.20
18 x20	10½	5	39.00	45.45	55.55	50.50	59.70	71.10
18 x24	10½	5	43.60	50.85	62.15	56.50	66.50	79.25
18 x30	10½	5	52.25	60.90	74.60	67.75	79.95	95.35
18 x35	10½	5	58.15	67.80	83.00	75.40	89.05	106.25

If Poles are not Wanted, Deduct 5%.
Add 5% to Above Prices for Each Addition to Height of Wall of 6 in. or Fraction Thereof.
Add 10% to Above Prices for Cook's Patent Key and Guy Rope Fasteners.

FLIES, WITHOUT POLES AND STAKES

One-half Price of Tents of Corresponding Size.

MINERS' TENTS

Best Grade—Made of 29 in. Wide Duck, *Center Pole 6 in. Higher than Listed Below.

Discount .....%

No. 2 Grade—Made of 36 in. Wide Duck, *Center Pole as Specified in the List Below.

Discount .....%

Machine Sewed, Complete with Poles and Stakes.

Size, Feet	*Height, Feet No. 2 Grade	8 Oz. Duck, Single Filling, Each	10 Oz. Duck, Single Filling, Each	12 Oz. Duck, Double and Twisted Filling Each
7x 7	7	$ 4.40	$ 5.05	$ 7.00
9x 9	8	6.60	7.60	10.55
12x12	9	10.05	11.55	16.00

All Tents are Made to Order and Shipped from Factory, F. O. B. Chicago.

Tents.

Write for Prices.

A OR WEDGE

"Best Grade"—Made of 29 in. Wide Duck, *with Center Pole 6 in. Higher than Listed Below. Discount.....%

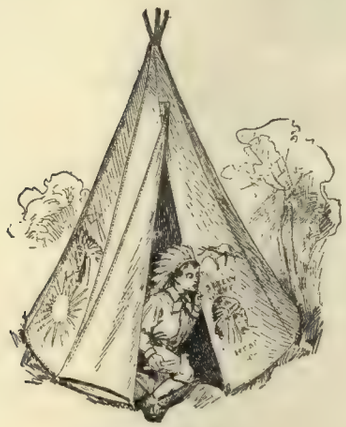
No. 2 Grade—Made of 36 in. Wide Duck, *with Center Pole as Specified in List Below. Discount.....%

Complete with Poles and Stakes, Machine Sewed.

Size, Feet	*Height, Feet No. 2 Grade	8 Oz. Single Filling Duck, Each	10 Oz. Single Filling Duck, Each	12 Oz. Duck, Double and Twisted Filling, Each
5 x 7	6	$ 5.00	$ 5.80	$ 7.55
7 x 7	7	6.30	7.35	9.70
7 x 9	7	7.55	8.85	11.70
9 x 9	7	8.35	9.85	13.05
9½x12	7½	10.30	12.10	16.10
12 x14	9	14.80	17.45	23.30

CHILDREN'S TEPEE TENTS

Decorated in Attractive Indian Scenes. Khaki Color.



Children's Tepee Tent

Size, Feet	Height in Center, Feet	Each
4x4	4½	$4.25
5x5	5	4.50

CHILDREN'S PLAY TENTS

Complete with Pole, 6 Oz. Blue and White Stripe Duck.

Size, Feet	Height in Center, Feet	Each
5x5	5	$4.50
6x6	6	5.80
7x7	6	6.70

Children's Play Tent.

UMBRELLA TENTS

Regular Grade.

Write for Prices.

Without Awning Extensions.

Size of Base, Feet	Size of Top, Feet	Height in Center Feet	Height of Side, Feet	Drill, Each	8 Oz. Duck, Single Filling, Each	10 Oz. Duck, Single Filling, Each	Blue & White Striped Duck, Each
8x 8	2⅓	8	6	$ 8.75	$10.00	$11.25	$12.75
9x 9	3½	8½	7	10.75	12.75	14.25	16.00
10x10	3½	9	7½	12.00	14.25	16.00	18.00

With Awning Extensions.

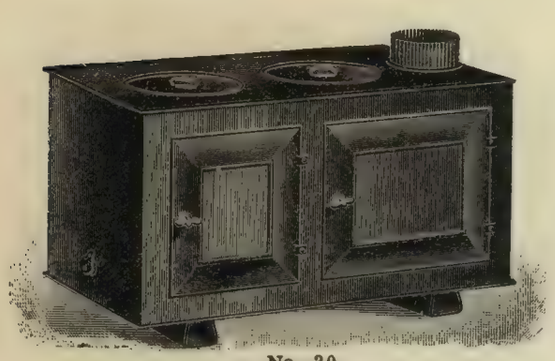
8x 8	3½	8	6½	$12.00	$13.75	$15.00	$16.75
9x 9	4⅓	9	7	14.00	16.25	18.00	20.25
10x10	4⅓	10	8	16.00	18.50	20.75	23.25
12x12	5½	10	8	18.00	21.00	23.50	26.50

Illustration Shows Tent without Awning Extension.

Above Lists Include Poles and Pins

All Tents are Made to Order and are Shipped from Factory, F. O. B. Chicago.

Camp Stoves.



No. 30.

JUNIOR

24 Gauge Sheet Steel.

	Each
No. 30—24 in. Long, 11½ in. Wide, 14 in. High, 2 Cooking Holes, 4 in. Pipe Hole, Complete with 3 Joints of 4 in. Pipe, 10 in. Long	**$4.45**

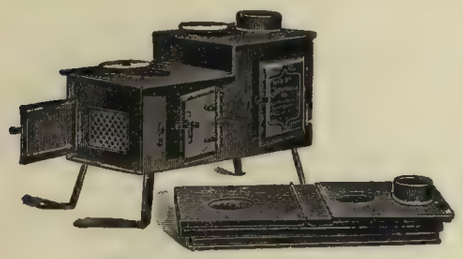
No Camping Outfit is complete without this Stove. Fills the wants for a low priced Camp Stove, which has given satisfactory results. Is splendid heater and bakes perfectly.

Weight Each About 20 Pounds.

One in a Crate.

F. O. B. Milwaukee.

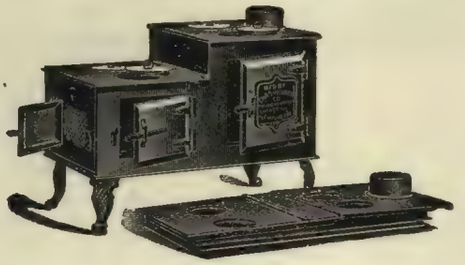
THE SPORTSMAN'S LITTLE PET



Cut Showing No. 2 Stove Ready for Use, and Folded Ready for Traveling.

20 Gauge Sheet Steel.	Each
No. 2—Folding, 23 in. Long, 12 in. High, 12 in. Wide, 17 in. High Overall when in Use, 5 in. Pipe Hole, 5 in. Cooking Holes, 8x8 in. Square Oven, 12 in. Deep	**$17.75**
No. 20—Not Folding, Otherwise Same as No. 2, Weight Each About 25 Lbs	**13.35**

THE SPORTSMAN'S FRIEND



Cut Showing No. 1 Stove Ready for Use and Folded Ready for Traveling.

20 Gauge Sheet Steel.	Each
No. 1—Folding, 29 in. Long, 17 in. Wide, 16 in. High, 7 in. Long Back Legs, Stove 23 in. High Overall when in Use, 5 in. Pipe Hole, 5 in. Cooking Hole, Oven 11 in. High, 10 in. Wide, 17 in. Deep	**$22.25**
No. 10—Not Folding, Otherwise Same as No. 1, Weight Each About 38 Lbs	**17.75**

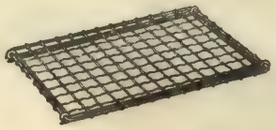
Damper—The Damper Attachment regulates the heat by three movements. By pulling the Damper out as far as it will come will cause the heat to come around over the top of the Oven, so you can cook and fry on the four holes. By pushing the Damper in half way it will give uniform heat at the top and bottom of the oven. By pushing the Damper as far as it will go it will cause the entire heat to go around the bottom and rear of Oven, which will heat the Oven for baking or roasting.

For Prospectors, Miners, Woodsmen, Sportsmen, Jockeys, Circuses, Picnic Parties, Private Families, Summer Kitchens, Tents, and for all kinds of other uses these Stoves are just what you want.

Shipped Only from Factory, F. O. B. Chicago.

Folding Grids.

Ready for Use.



Folded for Basket.

Made of Heavy Wire, Tinned After Being Made, for Campers, Automobilists and Picnickers.

	Per Dozen
No. 490-1—10x24 in., Weight Per Dozen About 2 Lbs	**$ 8.90**
No. 490-2—12x24 in., Weight Per Dozen About 4 Lbs	**17.80**

This Grid folds up flat to fit Lunch Basket and makes a fine Coffee Pot Holder or Steak Broiler.

No. 490-1, One Dozen; No. 490-2, One-half Dozen in a Carton.

Miners' and Campers' Lamps.

JUSTRITE

With Lever Feed and Lighter Attachment.

Per Dozen

No. 85 — Matchless, Polished Brass, 2¼ in. Polished Brass Reflector, Seamless Brass Water Reservoir and Carbide Container, 16.7 Candle Power, Wt. 5 Oz. . . **$20.00**

With Lever Feed and Lighter Attachment.

Per Dozen

No. 100—Superintendents', Nickel Plated and Highly Polished, 2½ in. Nickel Plated Reflector, Seamless Brass Water Reservoir and Carbide Container, Burns 3 Hours with One Filling, Folding Handle and Hook, Complete with Extra Carbide Container, Rubber Gasket, Felt Packing and Burner Tips, Weight 5 Oz. **$26.65**

One in a Box.

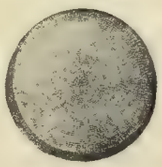
With Lever Feed and Lighter Attachment.

Per Dozen

No. 95—Superintendents', Nickel Plated and Highly Polished, 3 in. Nickel Plated Reflector, Seamless Brass Water Reservoir and Carbide Container, Burns 5 Hours with One Filling, Folding Handles and Hook, Complete with Extra Carbide Container, Rubber Gaskets, Felt Packing and Burner, Weight 8 Oz. **$40.00**

No matches required to light the Justrite. Cover the reflector with palm of the hand, hold few seconds, then draw hand downward quickly, rubbing over the steel wheel.

Miners' and Campers' Lamp Repair Outfits.



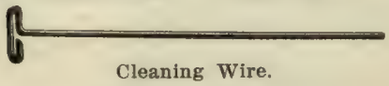
Felt.

Felt Holder.

Rubber Gasket.

Valve Stem.

Lamp Burner.



Cleaning Wire.

Each

Outfit No. 2—Contains the Following: 6 Dozen Rubber Gaskets, 3 Dozen Felt Packing, 6 Dozen Burner Tips, 1 Dozen Cleaning Wires, 1 Dozen Felt Holders, and ½ Dozen Valve Stems, Complete in Partitioned Display Box **$7.80**

Reflectors.

MATCHLESS

With Lighting Attachment.

Per Dozen

No. 26—2½ in. Polished Brass, for Nos. 85, 100 and 95 Justrite Lamps **$4.50**

Lights the gas with a rub of the hand. Is held firmly around Tip Holder of Lamp by Tightening Screw in Collar.

No. 26.

Miners' Candlesticks.

Per Dozen

No. 30—$\frac{3}{16}$ in. Steel Wire, Copper Plated, Round Point, Sharpened and Hardened. **$2.70**

Head Lamps.

COLUMBIA

Each

No. 1—Gun Metal Finish Headlight, Powerful Parabolic Reflector, 2¾ in. Diameter Face, Weight 6 Oz., Gun Metal Brass Generator, 5½ in. Long, 2 in. Diameter, Weight 16 Oz., Carbide Capacity Enough to Run Lamp 5½ Hours, Complete with Strap and Tubing, **without Belt** . . . **$7.80**

SAMBO

Per Dozen

No. 5—For Coal Oil, Complete . . **$12.25**

This Lamp is especially adapted for the use of hunters and fishermen. The hood reflector, with mirror back, throws a very strong light that penetrates to a great distance, making the Sambo Head Lamp invaluable for coon and deer hunting and for night fishing and spearing. Uses a regular coal oil lamp burner, with flat wick.

Head Lamps.

JUSTRITE

With Lighting Attachment, without Cap.

Each

No. 44—Seamless Drawn Brass Water Reservoir and Carbide Container, Generator is Strapped Around Waist, Burns 10 Hours with One Filling, Weight Each 2 Lbs. . **$5.60**

One in a Box.

Racine Spring Exercisers.

Nickel Plated Oil Tempered Spiral Springs, Suspended from a Steel Swivel Top, Steel Handles, with Ebony Finished Massage Roller Grips, Springs May be Extended 7 Feet.

	Per Set
No. 1—Light Tension, for Women and Children	$3.80
No. 2—Medium Tension, for Women and Men	4.50
No. 3—Strong Tension, for Athletes	5.25

Approximate Weight Per Set 2¼ Pounds.

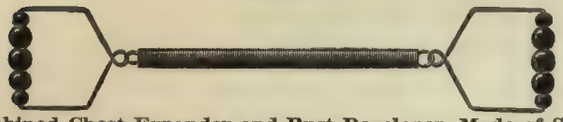
Above are complete with chart illustrating 42 different movements, and instructions in physical culture and deep breathing. The Racine Spring Exerciser is absolutely noiseless, and, if used as directed in our chart instructions, will last indefinitely. In our patent swivel top we have a feature not found in any other exerciser. A great variety of movements are possible and one may change from any position without releasing hold on handles.

The Racine Exerciser can be instantly changed from a down pull to an up pull and vice versa, and the springs may be quickly detached from the swivel top and attached to screw hooks at any other point, thereby getting pulls from many desired angles.

The handles can be detached from springs in an instant and attached to the ends of a single spring, making an ideal chest expander.

Chest Expanders.

RACINE



Combined Chest Expander and Bust Developer, Made of Same Material as Used in the Racine Spring Exerciser.

	Each
No. 1—Light Tension, for Women and Children	$2.25
No. 2—Medium Tension, for Women and Men	2.25
No. 3—Very Strong, for Athletes	2.25

Approx. Weight Each 1¼ Pounds.

Complete with Chart showing 47 movements and deep breathing instructions.

The exerciser is designed for those who do not desire a more expensive apparatus; it requires no fastenings to operate, and is therefore very convenient for travelers, being light and taking up very little space.

Massage Grips.

IDEAL

A Combined Grip Machine and Massage Roller, for Strengthening the Hands, Wrists and Forearms, and Massaging the Muscles, Abdomen and Stomach.

	Per Pair
No. 50—Music Wire Grips, Heavily Nickel Plated, Ebony Finished Handles, Complete with Instruction Sheet	$1.50

Approx. Weight Per Pair ½ Pound.

Specially beneficial to telegraph operators, pianists, bookkeepers and those who use the muscles of their hands and wrists in their daily toils.

Indian Clubs.

Selected Maple, Finely Varnished, Two Nicely Turned Beads on Body, Head and Beads Painted Black.

Weight Each, Lbs.	½	¾	1
Per Pair	$0.38	.40	.50
Weight Each, Lbs.	1½	2	2½
Per Pair	$0.58	.65	.80
Weight Each, Lbs.	3	4	6
Per Pair	$0.95	1.15	1.90

A Pair of 1 Pound Indian Clubs Weigh 2 Pounds.

Open Stock.

Dumb Bells.

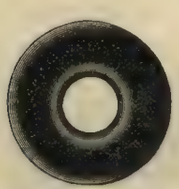
Selected Maple, Plain Varnish Finish.

Wt. Each, Lbs.	½	¾	1
Per Pair	$0.38	.40	.50
Wt. Each, Lbs.	1½	2	2½
Per Pair	$0.58	.65	.80
Wt. Each, Lbs.		3	4
Per Pair		$0.95	1.15

A Pair of 1 Pound Dumb Bells Weigh 2 Pounds.

Open Stock.

Quoits.



ENGLISH MODEL, Cast Iron, Japanned.

Nos.	2	3
Wt. Per Set of 4, Lbs.	8	12
Per Set of 4	$0.80	1.15
Nos.	4	5
Wt. Per Set of 4, Lbs.	16	20
Per Set of 4	$1.50	1.90

Open Stock.

Solid Shot.

Cast Iron, Japanned.

Nos.	1	2
Weight Each, Lbs.	12	16
Per Pound	$0.09	.09

Open Stock.

Dumb Bells.

Cast Iron, Japanned.

Wt. Ea., Lbs.	1	2	
Per Pound	$0.08	.08	
Wt. Ea., Lbs.	3	4	
Per Pound	$0.08	.08	
Wt. Ea., Lbs.	5	6	
Per Pound	$0.08	.08	
Wt. Ea., Lbs.	7	8	
Per Pound	$0.08	.08	
Weight Each, Lbs.	10	12	15
Per Pound	$0.08	.08	.08
Weight Each, Lbs.	20	25	50
Per Pound	$0.08	.08	.10

Open Stock.

Croquet Sets.

Varnished Balls and Stakes, Oiled Mallets, Ten Arches.

		Per Set
No. 01 —Four Ball Set,	5 in. Mallets, Weight Per Set About 14 Lbs	**$1.25**
No. 016 —Six Ball Set,	5 in. Mallets, Weight Per Set About 17 Lbs	**1.60**
No. 01X—Eight Ball Set,	5 in. Mallets, Weight Per Set About 21 Lbs	**1.90**

Striped Balls and Mallets, All Parts Varnished, Two Four-Colored Stakes, Ten Arches.

		Per Set
No. 02 —Four Ball Set,	5 in. Mallets, Weight Per Set About 14 Lbs	**$1.60**
No. 02X—Eight Ball Set,	5 in. Mallets, Weight Per Set About 21 Lbs	**2.20**

Striped Balls, Mallets and Handles, Two Large Stakes, Heavy Galvanized Arches.

		Per Set
No. 03—Eight Ball Set,	5 in. Mallets, Weight Per Set About 24 Lbs.	**$2.70**

Painted and Striped Balls, Mallets and Handles, Two Large Fancy Stakes, Galvanized Wire Arches.

		Per Set
No. 04—Eight Ball Set,	6 in. Mallets, Weight Per Set About 24 Lbs.	**$3.15**

Elegant Maple Set, Elaborately Finished. Fancy Mallets, Striped Balls and Handles, Two Handsome Turned Stakes, Galvanized Wire Arches.

		Per Set
No. 05—Eight Ball Set,	6 in. Mallets, Weight Per Set About 25 Lbs.	**$3.80**

Ebony Finished and Striped Balls, Mallets and Handles, Two Beautiful Turned Stakes, Galvanized Wire Arches.

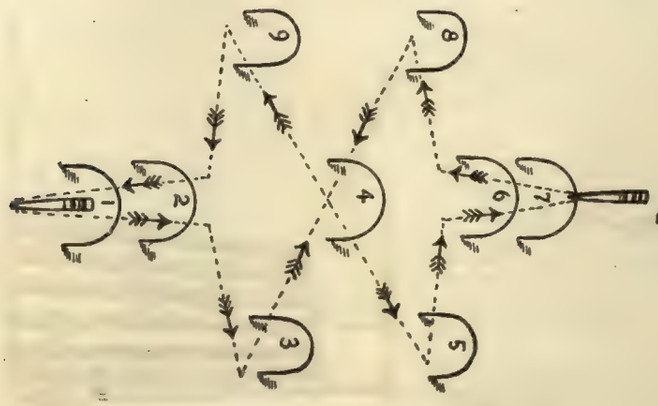
		Per Set
No. 06—Eight Ball Set,	6 in. Mallets, Weight Per Set About 25 Lbs.	**$5.35**

PROFESSIONAL SETS

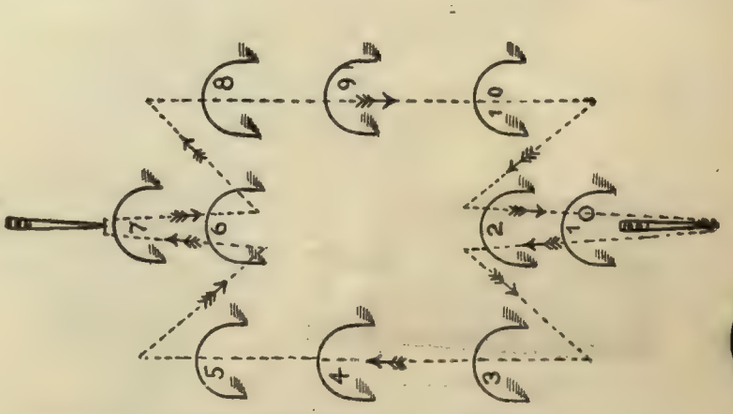
Short Striped Handles, Two Large Stakes, Heavy Galvanized Arches.

		Per Set
No. 07 —Four Ball Set,	8 in. Mallets, Weight Per Set About 18 Lbs	**$2.50**
No. 076 —Six Ball Set,	8 in. Mallets, Weight Per Set About 22 Lbs	**3.00**
No. 07X—Eight Ball Set,	8 in. Mallets, Weight Per Set About 26 Lbs	**3.70**

Each Croquet Set contains Books of Instruction, Packed in Dovetailed Box with Hinged Cover, Crated Three Sets in a Crate.



Showing Diagram of Nine Arch Game.



Showing Diagram of Ten Arch Game.

Porch Settees.

No. 10—Porch Settee, with Legs, Oak, Gun Metal Finish, FORMED SEATS, Full Bolted.

Length, Inches	48	60	72
Width Between Arms, Inches	41	53	65
Height of Back, Inches	24	24	24
Height from Floor to Seat, In.	17	17	17
Height Over All, Inches	38	38	38
Depth of Seat, Inches	18	18	18
Each	$9.80	12.25	14.70

No. 12—Porch Settee, WITH ROCKERS, Oak, Gun Metal Finish, FORMED SEATS, Full Bolted.

Length, Inches	48	60	72
Width Between Arms, Inches	41	53	65
Height of Back, Inches	24	24	24
Height from Floor to Seat, In.	17	17	17
Height Over All, Inches	38	38	38
Depth of Seat, Inches	18	18	18
Each	$10.25	12.80	15.35

Shipped K. D., F. O. B. Factory, Goshen, Ind.

No. 9.

Porch Chairs.

Oak, Gun Metal Finish, Formed Seat, Full Bolted.

Each

No. 9—19¼ in. Between Arms, 17 in. High from Floor to Seat, 39 in. High Over All.....$6.70

Porch Rockers.

Oak, Gun Metal Finish, FORMED SEAT, Full Bolted.

Each

No. 11—19¼ in. Between Arms, 16 in. High from Floor to Seat, 37 in. High Over All.....$7.80

Shipped K. D., F. O. B. Factory, Goshen, Ind.

No. 11.

No. 7.

Porch Swings.

No. 7—Porch Swings, 1 in. Oak Stock, Gun Metal Finish, WITH FORMED SEAT, Depth of Seat 19 in., Height 24 in., Complete with Galvanized Chains.

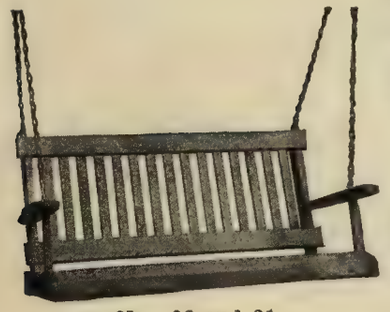
Size, Inches	42	48	60	72
Width Betw, Arms, In.	36	42	54	66
Each	$6.15	6.70	8.35	10.00

No. 8—Porch Swing, 1 in. Oak Stock, Gun Metal Finish, WITH FORMED SEAT, Depth of Seat 19 in., Height 24 in., Complete with Galvanized Chains.

Size, Inches	42	48	60	72
Width Betw, Arms, In.	36	42	54	66
Each	$8.35	8.90	11.15	13.35

All Above Goods Shipped K. D., F. O. B. Factory, Goshen, Ind.

No. 8.



Nos. 33 and 21.

Hardwood, Colors: Fumed, Green or Natural, Shaped Seats, Depth of Seat 17 in., Height of Seat 19 in., Complete with Galvanized Chains and Ceiling Hooks.

Each

No. 33—42 in. Long, Weight Folded About 27 Lbs. $3.35

No. 21—48 in. Long, Weight Folded About 30 Lbs. 4.70

Shipped F. O. B., Milwaukee, Wis.

Challenge, Heavy Galvanized Steel Shaped Frame, Flat Steel Braces, Selected Hardwood Slats Attached to Frame by Galvanized Bolts, Slats Stained Dark Brown, Complete with Two 6½ ft. Galvanized Chains.

Each

No. 55—Length 5 ft., Height of Back 24 in., Weight Each About 60 Lbs. .$8.35

Shipped Direct from Factory, F. O. B. Batavia, Ill.

No. 55.

Lawn Settees.

WOOD

SINGLE, Folding, Hardwood, with Arms, Finished in Red, Green, Natural or Fumed.

Per Dozen

No. 22—17 in. Wide.....**$17 80**

Weight Each About 10 Pounds.

Open Stock.

Folding, Hardwood, Painted Red or Green, Natural Finish Seat.

Nos.	10	15	20
Length, Feet...	3½	4	6
Ap. Wt. Dz., Lbs.	200	240	315
Per Dozen.....	**$17.80**	**22.25**	**32.25**

Open Stock.

DOUBLE, Folding, Hardwood, with Arms, Finished in Red, Green, Natural or Fumed.

Per Dozen

No. 23—34 in. Wide.....**$22.25**

Weight Each About 18 Pounds.

Open Stock.

STEEL

All Steel, Bolted, Painted Green.

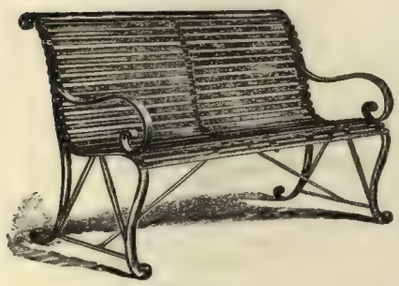
Each

No. 1—5 ft. Long.....**$21.15**

Weight Each About 150 Pounds.

In point of design, comfort and strength this Settee cannot be excelled. It is perfect in form and is made to give service. The weight given herein is proof that it is not a cheap article, such as those made out of Hoop Iron.

Shipped F. O. B. Milwaukee, Wis.



No. 1.

STEEL FRAME

Channel Steel Frame, 1 in. Wide x ½ in. Thick, with Arms, ½ in. x 1½ in. Wood Slats, Finish Black Frame with Dark Green Wood.

Nos.	34	35
Length, Feet	4	5
Ap. Weight Each, Lbs....	34	40
Each	**$5.60**	**6.70**

Shipped K. D., Wrapped, Direct from Factory, F. O. B. Port Washington, Wis.

Nos. 34 and 35.

SPECIAL PARK

Channel Steel Frame, 1½ in. Wide x ½ in. Thick, Securely Riveted and Bolted, 1⅛ in. Wood Slats, Frame Finished in Black, Slats in Dark Green or Red.

Nos.	44	45	46
Length, Feet.....	4	5	6
Ap. Wt. Each, Lbs.	32	37	42
Each	**$4.80**	**5.00**	**5.60**

Shipped K. D., Direct from Factory, F. O. B. Port Washington, Wis.

PARK BENCH

Heavy Channel Steel Frame, 1½ in. Wide x ⅝ in. Thick, Well Seasoned and Oiled Hardwood Slats, Frame Finished in Dark Green and Wood Left Natural Color.

No.	63
Length, Feet	4
Ap. Weight Each, Lbs.....	42
Each	**$6.70**

WOOD LAWN SETTEES

Selected Hardwood, Bent Legs, Thoroughly Braced and Bolted, Half Round Seat and Back Slats, Painted Green.

Nos.	60	61	62
Length, Feet.....	4	5	6
Legs	4	6	6
Ap. Wt. Each, Lbs.	15	20	25
Each	**$5.60**	**6.70**	**7.80**

Veranda or Lawn Chairs.

No. 54.

ROCKERS

Selected Rock Elm, Bent, Thoroughly Braced and Bolted, Painted Green and Striped.

Each

No. 54—Height of Back from Floor 47 in., 17 in. Between Arms, 18 in. Wide Seat, Weight Each About 18 Lbs. **$5.60**

One in a Bundle.

CHAIRS

Selected Rock Elm, Bent, Thoroughly Braced and Bolted, Painted Green and Striped.

Each

No. 53—Height of Back from Floor 47 in., 17 in. Between Arms, 18 in. Wide Seat, Weight Each About 14 Lbs. **$5.00**

One in a Bundle.

No. 53.

Lawn Chairs.

Folding, Hardwood Frame, Natural Finish, Varnished, Fancy Striped Duck.

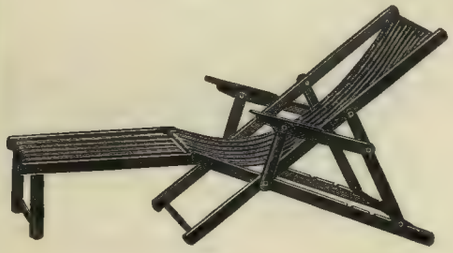
Per Dozen

No. 41—With Arms, Size when Opened 41 in. High, 22 in. Wide, 37 in. Spread, Weight Per Dozen About 160 Lbs. . **$19.20**

No. 42—Without Arms, Otherwise as No. 41, Weight Per Dozen About 140 Lbs. **16.15**

Open Stock.

Reclining Chairs.



Folding, Hardwood Frame, Natural Finish, Varnished, Fancy Striped Duck.

Per Dozen

No. 24—With Arms and Foot Rest, Size when Opened 41 in. High, 22 in. Wide, 68 in. Spread, Weight Per Dozen About 200 Lbs. **$24.00**

Open Stock.

COMFORT, Reclining, Steel Frame, Self-Adjusting to Any Angle, Fancy Colored Canvas Seat and Back.

Per Dozen

No. 50—54 in. High when Open, Weight Per Dozen About 528 Lbs. **$73.35**

These Chairs combine the comfortable features of ordinary Porch Chairs, Hammocks, Swings and Swinging Couches.

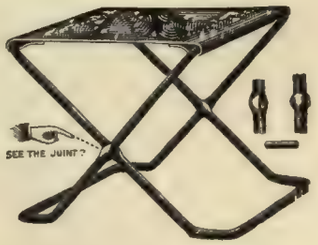
Porch Chairs.

Folding. Per Dozen

No. 35—Selected Hardwood Frame, Natural Color, Very Heavy No. 4 Drab Duck Seat and Back, Can be Folded in Two Ways, as Illustrated, 3 ft. High, 18 in. Wide Seat, Weight Per Dozen About 168 Lbs. **$47.20**

Open Stock.

Third Seats.



Improved, Folding.

Per Dozen

No. 48—Polished Steel, Black Enameled, Covered with Brussels Carpet, 9x8 in. Seat, 7 in. High, Weight Per Dozen About 30 Lbs. . . **$10.00**

The Joint is upset to double the size of the box, giving additional strength.

Open Stock.

Folding Chairs.

IDEAL, Folding.

Per Dozen

No. 1—Strong Steel Frame, Japanned, Upholstered in Black Leatherette, 10½x11 in. Seat, 16 in. High to Seat, Weight Each About 3 Lbs. **$33.35**

Open Stock.

Camp Stools.

RACINE, Hardwood, Heavy Brown Duck Seat, Reinforced and Tacked at Corners.

Per Dozen

No. 32—Size when Folded 2 ft. Long, 2½ in. Square, Weight Per Dozen About 24 Lbs. . **$5.80**

Open Stock.

Camp Chairs.

No. 11.

Hardwood Frame, Nicely Finished, Heavy Canvas Seats, 16½ in. Wide, Fold Compactly.

Per Dozen

No. 11—With Back, Weight Per Dozen About 48 Lbs. **$6.50**

No. 12—Without Back, Weight Per Dozen About 36 Lbs. **4.80**

Open Stock.

Camp Tables.

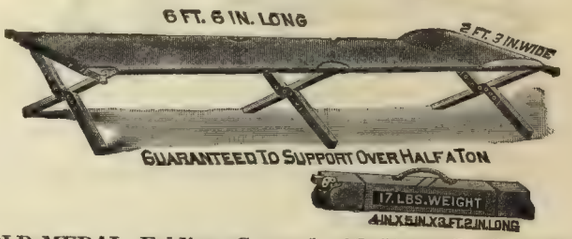
Wood, Roll Top, Folding.

Each

No. 38—36x36 in., Folds into a Package About 6 in. in Diameter **$4.50**

Weight Each About 16 Pounds.

Camp Beds.



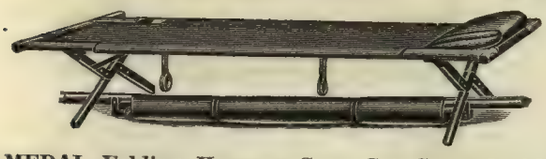
GOLD MEDAL, Folding, Covered with Extra Good Quality 12 Oz. Double Filled Brown Duck, Furnished with a Duck Fold Easily Converted into a Comfortable Pillow.

Each

No. 1—Dimensions: Opened 6 ft. 6 in. Long, 2 ft. 3 in. Wide, 14 in. High, Folded 3 ft. 3 in. Long, 4 in. Thick, 5 in. Wide. **$4.50**

Weight Each About 18 Pounds.

Camp Cots.

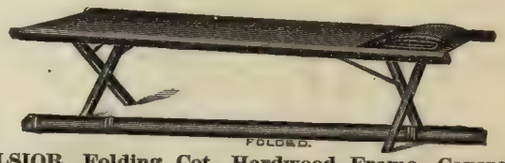


GOLD MEDAL, Folding, House or Camp Cot, Covered with 12 Oz. Brown Double Filled Duck, Furnished with Duck Fold to Keep Pillow in Position, Automatic Braces.

Each

No. 2—Dimensions: Opened 6 ft. 6 in. Long, 2 ft. 3 in. Wide, Folded 6 ft. 6 in. Long, and About 4 in. Square **$3.35**

Weight Each About 16 Pounds.



EXCELSIOR, Folding Cot, Hardwood Frame, Covered with 10 Oz. White Duck, with Duck Fold for a Pillow.

Each

No. 29—Dimensions: Opened 6 ft. 4 in. Long, 27 in. Wide, Folded 6 ft. 4 in. Long, 2 in. Thick, 4 in. Wide **$2.60**

Weight Each About 14 Pounds.

Tent Cots.

Hard Maple Frame, Painted with Green Waterproof Paint.

Each

No. EO—Cot is Covered with 10 Oz. Brown Duck, Canopy or Tent Part is Made of 8 Oz. Brown Duck, Two 9x12 in. End Windows, Adjustable Flaps, Protected by Strong Mosquito Netting, Length Inside when Opened 6 ft. 3 in. Long, 2 ft. 4 in. Wide, 18 in. Above Ground, 32 in. High from Bed to Top of Canopy, Length when Folded 3 ft. 6 in., Width 2 ft. 4 in., Weight About 30 Lbs., Open One Side Only **$14.50**

No. EB—Same Description as No. EO, but Open on Both Sides. **16.15**

No. DB—Same Description as No. EO. but Double, 44 in. Wide Inside and Opens on Both Sides **20.60**

One in a Bundle.

Each

2 in. Felt Pads, for Single Tent Cot. **$3.90**

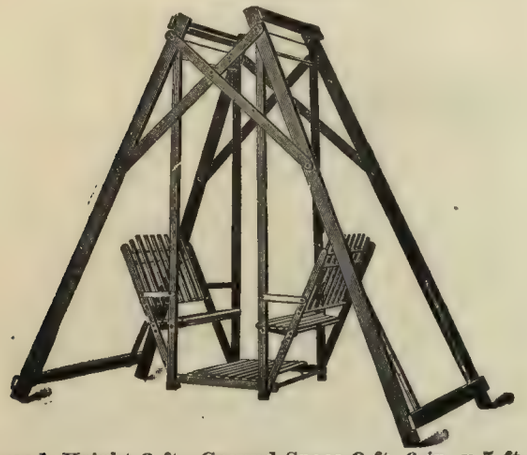
2 in. Felt Pads, for Double Tent Cot. **4.80**

5 Lb. Blanket, 62x82 in., Brown and Gray Color, for Above Tent Cots. **6.15**

Shipped Direct from Factory K. D., F. O. B. Chicago, Ill.

Lawn Swings.

"RELIANCE"

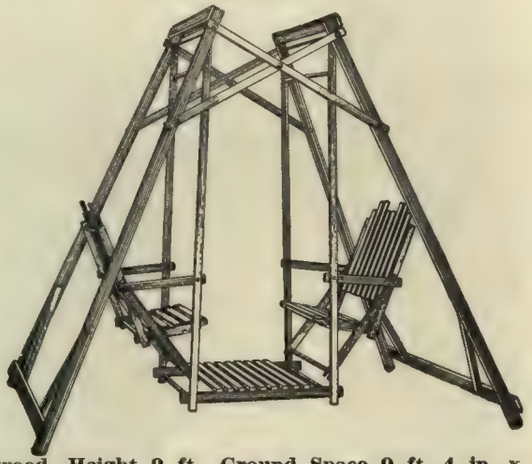


Hardwood, Height 8 ft., Ground Space 8 ft. 6 in. x 5 ft. 8 in., Corner Posts 1⅜x2¼ in., Half Bolted. Each

No. 6—Two Passengers, Width of Seats 16 in., Weight Each About 82 Lbs. **$7.25**

No. 7—Four Passengers, Width of Seats 32 in., Weight Each About 110 Lbs. **8.90**

"PRITZLAFF"



Hardwood, Height 9 ft., Ground Space 9 ft. 4 in. x 6 ft., Corner Posts 1¾x2 in., Full Bolted.

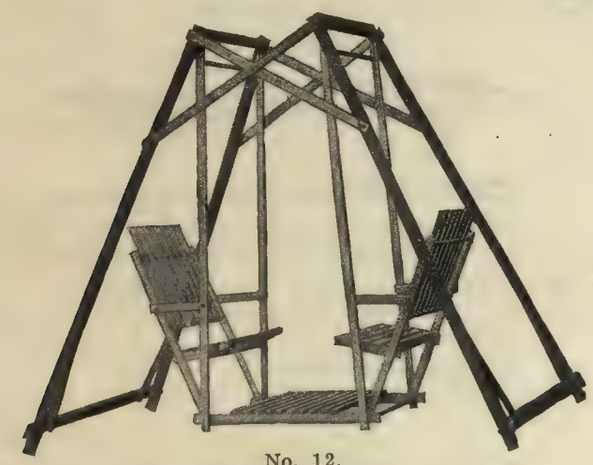
Each

No. 8—Four Passengers, Width of Seats 32 in., Weight Each About 135 Lbs. **$10.00**

The above are first class Swings made from selected stock. Very strong and substantial. The braces supporting the Chairs extend down to the second round from the bottom and being out of the way of the occupants do not curtail the seat space. The Chairs have three adjustments, the Chair Backs always have the same relative position at the Seat Arm, where it is hinged, the adjustment being where the Seat rests on the round, thus never throwing the occupant forward between the swing bars. The foot rests can be raised level with the Seats to form a Hammock. To adapt the height of the Seat to children the Foot Rest can be raised to the second round from the bottom.

The Frames are painted in Bright Vermilion, the balance of the Swings are natural Wood Finish, Varnished.

MILWAUKEE



No. 12.

Hardwood, Bright Vermilion Frame, Balance Natural Finish and Varnished, Height 8 ft., Ground Space 8 ft. 8 in. by 5 ft. 8 in., Full Bolted. Each

No. 12—Four Passengers, Width of Seats 32 in., Wt. Each About 110 Lbs., **without Canopy** .. **$ 8.00**

No. 13—Same as No. 12, **with Canopy** **12.80**

No. 26.

Hardwood, Bright Vermilion Frame, Balance Natural Finish and Varnished, with Adjustable Back, Height 8 ft., Ground Space 8 ft. 8 in. by 5 ft. 8 in., Full Bolted. Each

No. 25—Four Passengers, Width of Seats 28 in., Wt. Each About 132 Lbs., **without Canopy** ..... **$ 8.60**

No. 26—Same as No. 25, **with Canopy** **13.35**

JUVENILE

Bright Vermilion Finish Frame, Golden Oak Finish Chairs and Hangers, ⅞ in. Round Iron Rods for Hangers, ⅝ in. Hickory Hanger and Back Rods, 1½x1⅜ in. Headers, 1⅜x¾ in. Extension Braces.

Each

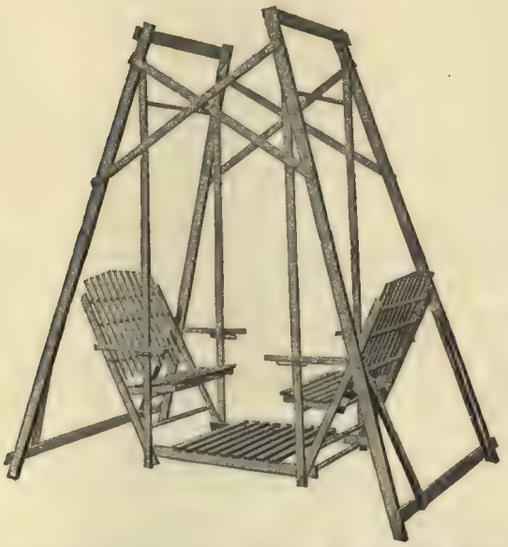
No. 5—Juvenile Two Passenger, Length of Post 4 ft. 10 in., 1⅜x1½ in. Soft Maple, Floor Space 4 ft. 11 in. by 3 ft. 4 in., Seat 9 in. Deep, 15 in. Wide, Back 14 in. High, Distance Between Seats 14 in. **$5.60**

This Little Swing can be used on the Porch or Lawn, in the Nursery or Parlor.

Weight Each About 39 Pounds.

Lawn Swings.

LUDINGTON



Hardwood Frame, with Adjustable Backs, Bright Red Color, Natural Finish Seats, 2½x1⅜ in. Supporting Frame, Height 9 ft., Ground Space 8½ ft. by 5 ft. 4 in., Full Bolted.

Each

No. 17—Four Passenger, Width of Seats 34 in., Height of Back 30 in. $8.00

Weight Each About 135 Pounds.

TWENTIETH CENTURY

Hardwood Frame, with Adjustable Back, Bright Red Color, Natural Finish Seats, 2⅛x1⅜ in. Supporting Frame, Height 7 ft. 6 in., Ground Space 8 ft. x 5 ft. 4 in., Full Bolted.

Each

No. 18—Four Passenger, Width of Seat 32 in., Height of Back 29 in. $7.80

Weight Each, Crated, About 120 Pounds.

Shipped Direct from Factory, K. D., F. O. B. LUDINGTON, MICH.

FAMOUS KALAMAZOO

Selected Hardwood Frame, Painted Red or Green, Natural Wood Finish, Swing Frame and Seats, Varnished, Adjustable Seat Backs, Folding Seats.

Each

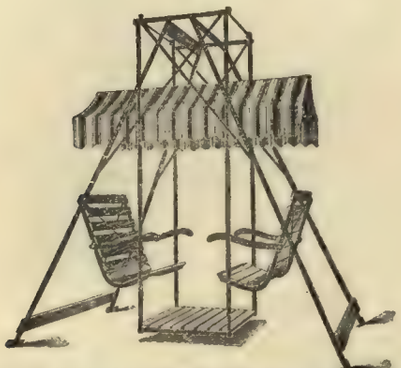
No. 67—Four Passenger, 9½ ft. High, 10 ft. Spread, Seat Space 30 in. Wide, Equipped with a Thoroughly Good Awning About 6 ft. Wide, 13 ft. Long, with Scalloped Drop Curtain $27.25

Weight About 200 Pounds.

Packed One in a Heavy Crate, 4 ft. 10 in. x 10 ft. x 12 ft.

Shipped Direct from Factory, K. D., F. O. B. KALAMAZOO, MICH.

SNOW



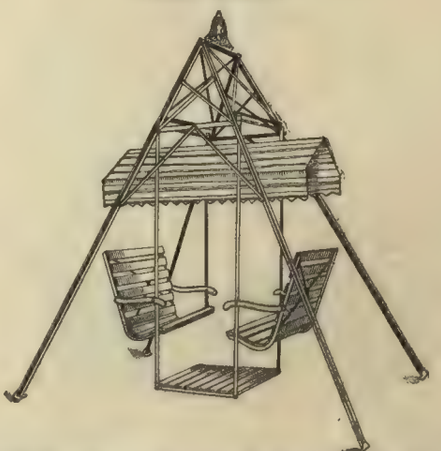
Four Passenger, GALVANIZED STEEL, Seats and Platform Dark Stained, Height 8 ft. 6 in., Ground Space 6x8 ft., Seats 3 ft. Wide.

Each

No. 9—Without Awning $17.80
No. 10—With Awning 20.00

Weight Each About 190 Pounds.

RED STAR



Four Passenger, GALVANIZED STEEL, Seats and Platform Dark Stained, Height 9 ft., Ground Space 6½x9½ ft., Seat 3 ft. Wide.

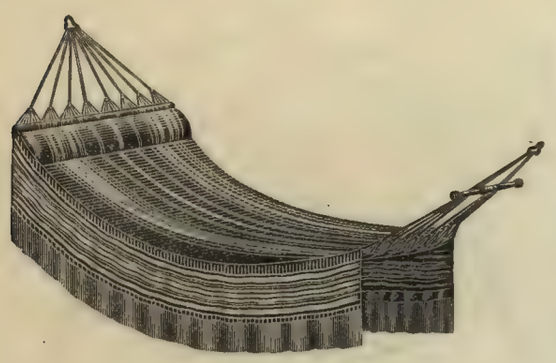
Each

No. 90—Without Awning $17.80
No. 100—With Awning 20.00

Weight Each About 195 Pounds.

Shipped Direct from Factory, K. D., F. O. B. BATAVIA, ILL.

Hammocks.



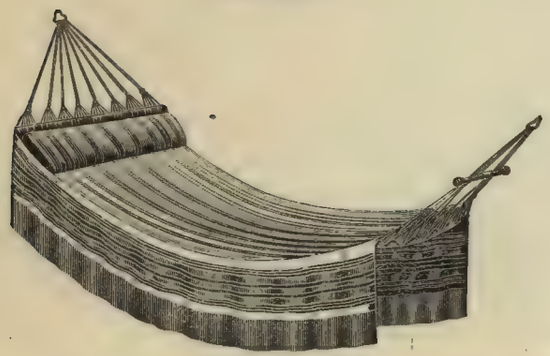
"LENO," Open Weave, Special Selected Yarn, Concealed Straight Spreader with Nickel Caps, Wood Bar at Foot.

	Per Dozen
No. 110—34x78 in., One-quarter Color	$13.50
No. 112—34x80 in., Full Color	15.00
No. 212—35x80 in., with Pillow, Full Color	18.00
No. 312—34x80 in., with Pillow and Fringe, Full Color	21.00
No. 416—35x84 in., with Pillow, Woven Valance, Full Color	22.50
No. 616—35x84 in., with Wide Pillow, Fluted Valance, Full Color	27.00

"SWISS," Open Weave, Selected EXTRA HEAVY 5-Ply Yarn, Straight Spreader, with Nickel Caps, Wood Bar at Head and Foot.

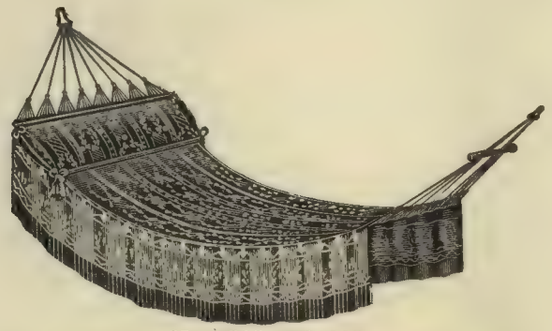
	Per Dozen
No. 232—44x88 in., with Pillow, Full Cover	$48.00
No. 532—44x88 in., with Pillow, Fluted Valance, Full Color	72.00
No. 632—44x88 in., Wide Upholstered Pillow, Fluted Valance, Full Color	87.00

"DANDY"



Nos. 240 to 642.

"ASIAN"



Nos. 585 and 685.

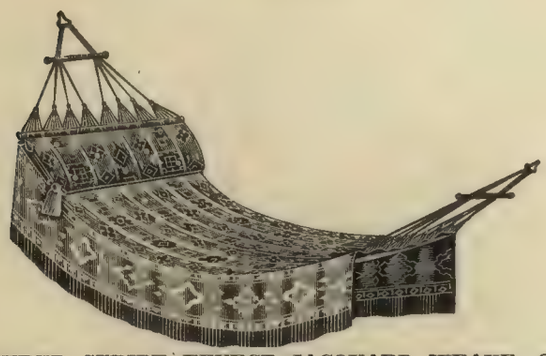
DANDY, Close Woven Canvas Effect, Deep Fluted Valance, Concealed Straight Spreader with Nickel Caps, Wood Bar at Foot.

	Per Dozen
No. 240—35x86 in., with Pillow, Bright Colors	$21.60
No. 340—35x86 in., with Pillow and Fringe, Bright Colors	24.00
No. 440—35x86 in., with Pillow, Woven Valance, Bright Colors	27.00
No. 640—35x86 in., Wide Upholstered Pillow, Woven Valance, Bright Colors	30.00
No. 642—38x88 in., Wide Upholstered Pillow, Woven Valance, Bright Colors	36.00

ASIAN, CLOSE WOVEN JACQUARD WEAVE, Leaf and Scroll Effect, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bar at Foot.

	Per Dozen
No. 585—36x86 in., with Sewed Down Pillow, Fluted Deep Valance	$33.00
No. 685—36x86 in., with Upholstered Throw Back Pillow, Fluted Deep Valance	36.00

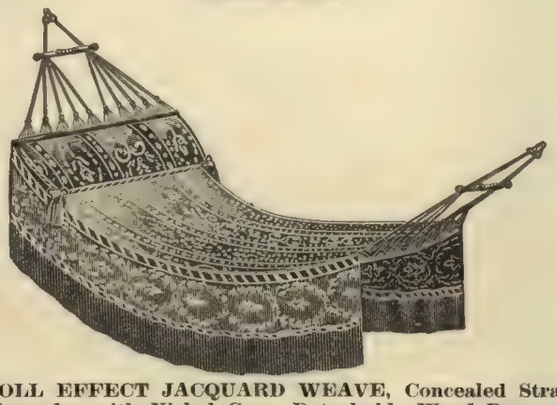
"UNIVERSAL"



FIGURED STRIPE EFFECT JACQUARD WEAVE, CLOSE WOVEN, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 583—36x86 in., with Sewed Down Pillow, Fluted Deep Valance	$33.00
No. 683—36x86 in., Wide Upholstered Throw Back Pillow, Fluted Deep Valance	36.00

"MARCELLO"



SCROLL EFFECT JACQUARD WEAVE, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 586—36x86 in., with Sewed Down Pillow, Heavy Deep Fluted Valance	$36.00
No. 686—36x86 in., Wide Upholstered Throw Back Pillow, Heavy Deep Fluted Valance	40.50

Length of Bed Includes Loop Ends.

Approx. Weight Per Dozen 95 Pounds.

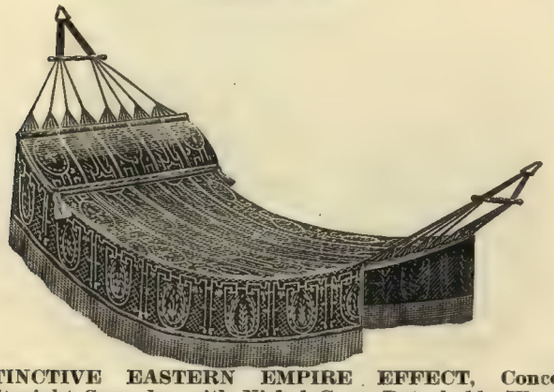
Hammocks.

"MORONA"

SOLID CENTER WITH FANCY BORDER AND VALANCE, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 593—38x88 in., with Sewed Down Pillow, Heavy Fluted Deep Valance	**$36.00**
No. 693—38x88 in., with Upholstered Throw Back Pillow, Heavy Fluted Deep Valance	**40.50**

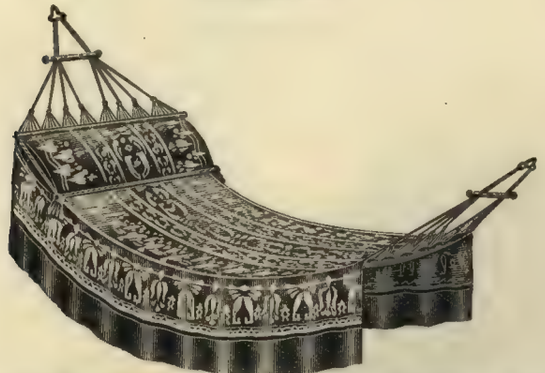
"MONGOLIA"



DISTINCTIVE EASTERN EMPIRE EFFECT, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 584—38x88 in., with Sewed Down Pillow, Heavy Deep Fluted Valance	**$40.50**
No. 684—38x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance	**45.00**

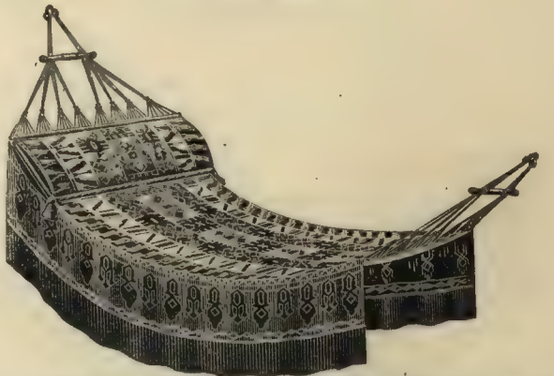
"BONANZA"



ORNAMENTAL CENTER WITH FLOWERED BORDER, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 590—40x88 in., with Sewed Down Pillow, Heavy Deep Fluted Valance	**$48.00**
No. 690—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance	**54.00**

"FLAMBEAU"



FANCY STRIPED DESIGN, JACQUARD WEAVE, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

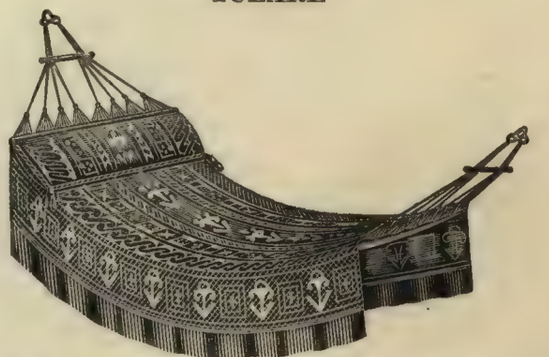
	Per Dozen
No. 592—38x88 in., with Sewed Down Pillow, Fluted Deep Valance	**$40.50**
No. 692—38x88 in., Wide Upholstered Throw Back Pillow, Fluted Deep Valance	**45.00**

"SAMATRUS"

TWO COLOR EFFECT IN PLEASING DESIGN, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 589—40x88 in., with Sewed Down Pillow, Heavy Deep Fluted Valance	**$48.00**
No. 689—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance	**54.00**

"TULARE"



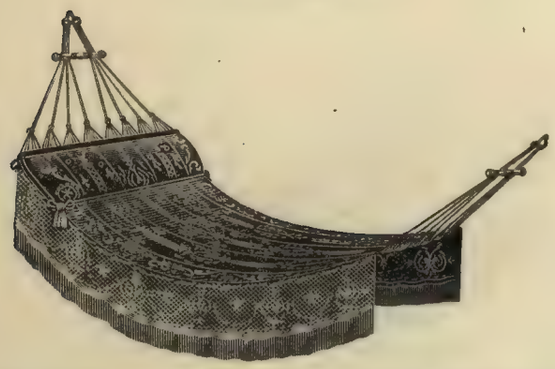
PLEASING DESIGN IN HARMONIOUS COLORS, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

	Per Dozen
No. 574—40x88 in., with Sewed Down Pillow, Heavy Deep Fluted Valance	**$57.00**
No. 674—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance	**63.00**

Length of Bed Includes Loop Ends.

Hammocks.

"AUSTRALIAN"



VERY FIRM JACQUARD FABRIC, NEW STRIPED EFFECT, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

Per Dozen

No. 6102—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance.....**$67.50**

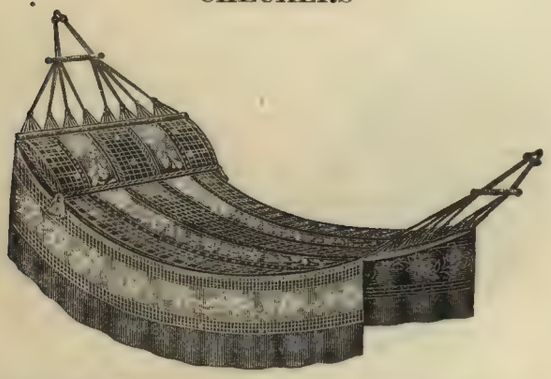
"TASHMOO"

LEAVES AND FLOWERS IN PLEASING COLORS, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

Per Dozen

No. 6110—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance.....**$67.50**

"CHECKERS"

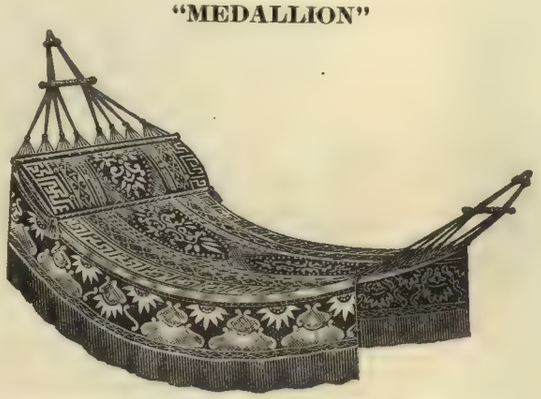


FLORAL STRIPES WITH SCOTCH PLAID CENTER AND BORDER, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

Per Dozen

No. 6104—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance.....**$67.50**

"MEDALLION"



ATTRACTIVE SCROLL DESIGN, Concealed Straight Spreader with Nickel Caps, Detachable Wood Bars at Head and Foot.

Per Dozen

No. 6107—40x88 in., with Upholstered Throw Back Pillow, Heavy Deep Fluted Valance.....**$72.00**

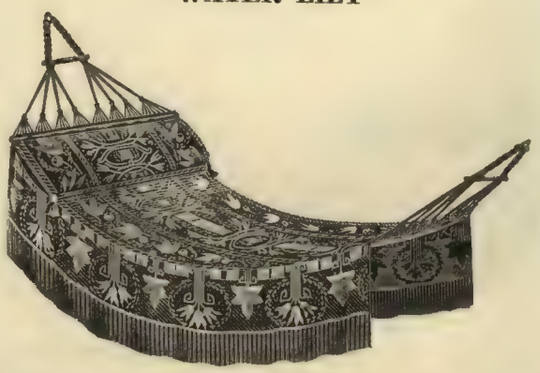
"LOTUS"

CHINESE FLOWERS IN CLUSTERS, Heavy Jacquard Weave, Concealed Wooden Spreader with Nickel Caps, Divided Rope End Suspension at Head and Foot.

Per Dozen

No. 6030—40x88 in., with Upholstered Throw Back Pillow, Deep Fluted Valance.....**$90.00**

"WATER LILY"



FANCY FLORAL DESIGN, Heavy Jacquard Fabric, Concealed Straight Spreader with Nickel Caps, Divided Rope End Suspension at Head and Foot.

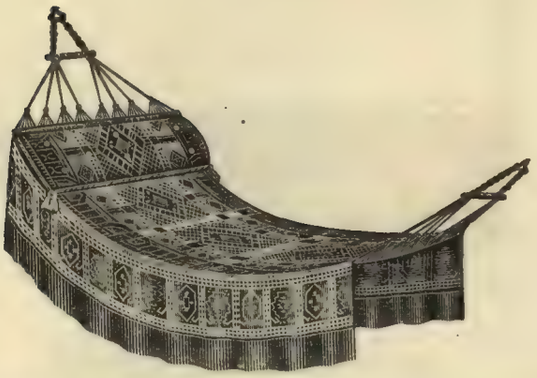
Per Dozen

No. 6028—40x88 in., Wide Upholstered Throw Back Pillow, Deep Fluted Valance.....**$90.00**

Length of Bed Includes Loop Ends.

Hammocks.

"ROMAN"

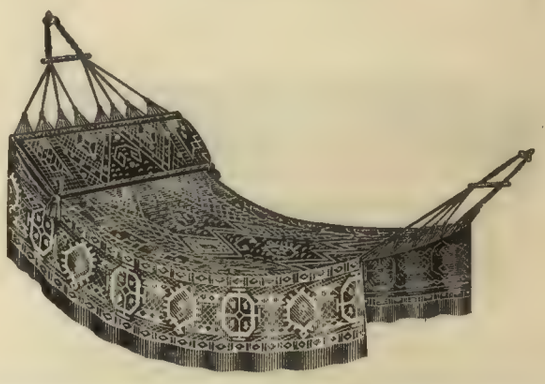


EMPIRE DESIGN, HEAVY JACQUARD WEAVE, Concealed Straight Spreader with Nickel Caps, Divided Rope End Suspension at Head and Foot.

Per Dozen

No. 6018—42x90 in., with Upholstered Throw Back Pillow, Deep Fluted Valance.....**$108.00**

"KANADIAN"



ENGLISH COURT DESIGN, VERY HEAVY FANCY JACQUARD FABRIC, Concealed Straight Spreader with Nickel Caps, Divided Rope End Suspension at Head and Foot.

Per Dozen

No. 6024—42x90 in., Upholstered Throw Back Pillows, Deep Fluted Valance.....**$108.00**

No. 6021.

"ANGOLA"

WREATH DESIGN, VERY HEAVY JACQUARD WEAVE, Concealed Straight Spreader with Nickel Caps, Divided Rope End Suspension at Head and Foot.

Per Dozen

No. 6021—42x94 in., with Upholstered Throw Back Pillows, Deep Fluted Valance.....**$126.00**

Length of Bed Includes Loop Ends.

Approx. Weight Per Dozen 108 Pounds.

AUTO AND PICNIC

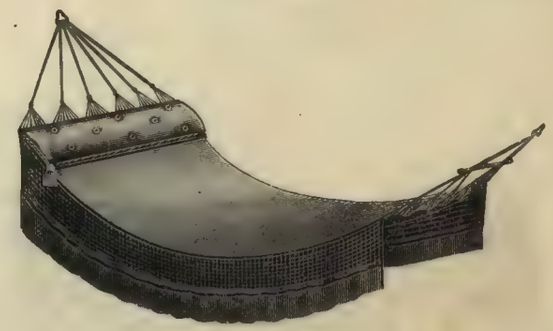
Per Dozen

No. 162 —36x86 in., White Duck, Enclosed in Bag, no Spreaders **$27.00**

No. 161C—36x86 in., White Duck, Two Curved Spreaders **31.50**

Approx. Weight Per Dozen 45 Pounds.

CANVAS



Per Dozen

No. 262 —36x86 in., All White, with Pillow, Straight Spreaders **$36.00**

No. 562 —36x86 in., All White, with Pillow, Valance and Straight Spreaders..... **48.00**

No. 662 —36x86 in., All White, Upholstered Pillow, Valance and Straight Spreaders..... **54.00**

No. 762C—36x86 in., Blue and White Striped, Scalloped Valance, Curved Spreaders..... **54.00**

No. 664 —42x86 in., Old Gold, Canvas Weave, Heavy 3-Ply Yarn, Upholstered Pillow, Valance and Straight Spreader..... **72.00**

Approx. Weight Per Dozen 48 Pounds.

Length of Bed Includes Loop Ends.

Couch Hammocks.

Wooden Frame, Upholstered, Woven Wire Spring Bottom, Upholstered Top, Covered with Plain Duck.

	Each
No. 6962—27x72 in., with Wide Wind Shield and Back Rest	**$12.00**

Approx. Weight Each 42 Pounds.

No. 29962.

Angle Steel Drop Frame with Link Wire Fabric, CORD ATTACHMENT to Rings, Tan Mattress.

	Each
No. 9962—27x72 in., with Wind Shield, without Back Rest	**$11.25**
No. 29962—27x72 in., with Back Rest	**12.75**
No. 29462—27x72 in., with Heavy Box Edge Mattress and Back Rest	**15.00**

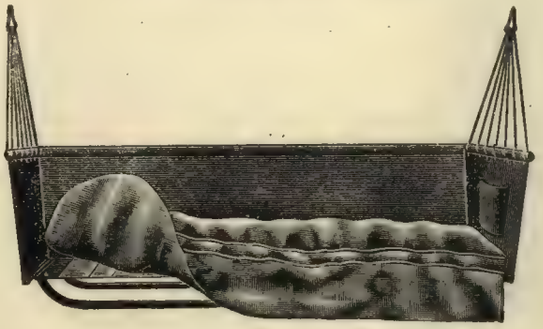
Approx. Weight Each 50 Pounds.

No. 29963.

Angle Steel Drop Frame, with Link Wire Fabric, CHAIN ATTACHMENT to Rings, Tan Mattress.

	Each
No. 29963—27x72 in., with Back Rest	**$12.75**
No. 29463—27x72 in., with Heavy Box Edge Mattress and Back Rest	**15.00**

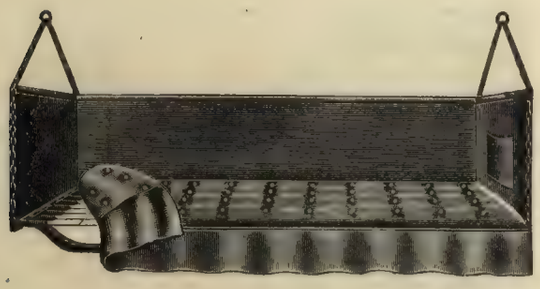
Approx. Weight Each 50 Pounds.



Heavy Steel Tubing Drop Frame, with Link Wire Fabric, CORD ATTACHMENT to Rings, Heavy Tan Box Edge Mattress.

	Each
No. 24962—27x72 in., with Back Rest	**$16.50**

Approx. Weight Each 55 Pounds.



Heavy Steel Tubing Drop Frame, with Link Wire Fabric, CHAIN ATTACHMENT to Rings, Heavy Tan Box Edge Mattress.

	Each
No. 24963—27x72 in., with Back Rest	**$16.50**

Approx. Weight Each 55 Pounds.

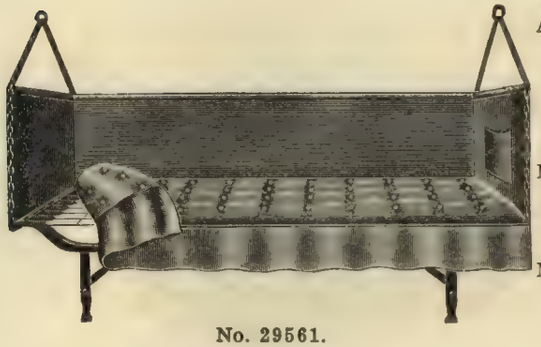
No. 29762.

With Adjustable Head Rest and Folding Legs, Angle Steel Drop Frame, Link Wire Fabric, Heavy Tan Duck Box Mattress.

With CORD ATTACHMENT to Rings.	Each
No. 29762—30x72 in., with Back Rest	**$21.00**
With CHAIN ATTACHMENT to Rings.	Each
No. 29763—30x72 in., with Back Rest	**$21.00**

Approx. Weight Each 80 Pounds.

Couch Hammocks.



No. 29561.

Angle Steel Drop Frame, with Link Wire Fabric, Folding Legs, Heavy Weight Tan Mattress.

With CORD ATTACHMENT to Rings.

See Cut of No. 24962, Page 2168.

Each

No. 29560—27x72 in., with Back Rest **$15.00**

With CHAIN ATTACHMENT to Rings.

Each

No. 29561—27x72 in., with Back Rest **$15.00**

Approx. Weight Each 50 Pounds.

Combination Couch and Davenport.

Angle Steel Drop Frame, with Link Wire Fabric on Seat and Back Rest, Folding Legs, Reclining Back Rest, which can be Lowered so as to be Part of the Bed, Heavy Tan Duck Box Mattress.

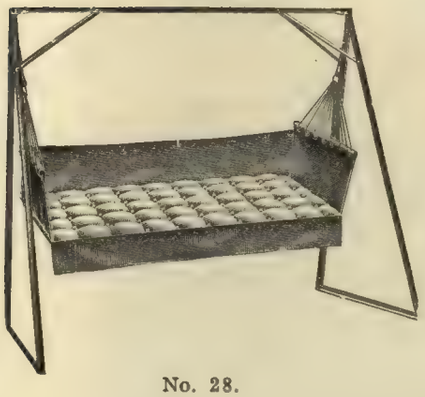
Each

No. 29662—27x72 in., with Link Fabric on Seat and 16 in. Back Rest **$27.00**

Approx. Weight Each 95 Pounds.

No. 29662.

Couch Hammocks.



No. 28.

Gold Bronze Finish, Steel Drop Frame, Helical Coil Springs and End.

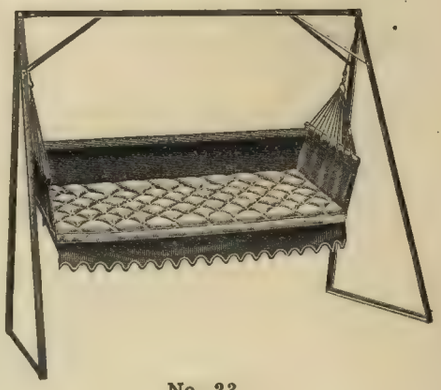
Each

No. 28—With Galvanized Round Wire Spring, Drill Covered Tufted Mattress, 15 Oz. Standard Duck Ends, Olive Tan Color Only, Length Over All 74 in., Width 30 in., with **Green Finish 1½ in. Angle Iron Hammock Stand** **$12.80**

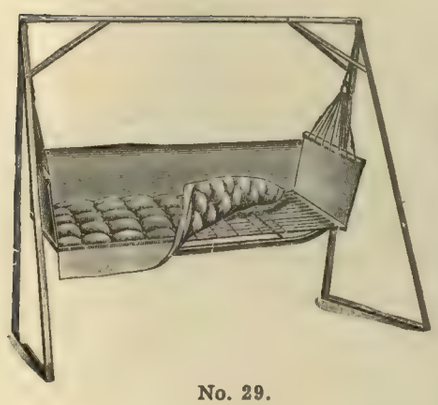
No. 28N—As Above, **without Stand** **8.35**

No. 23—With Non-Rustable Electro Galvanized Flat Metal Fabric Spring, Standard Duck Covered Tufted Mattress, 15 Oz. Standard Duck Ends, Olive Tan Color, with Back Support and Wind Shield, Length Over All 74 in., Width 30 in., **with Green Finish 1½ in. Angle Iron Hammock Stand**..... **15.00**

No. 23N—As Above, **without Stand** **10.60**



No. 23.



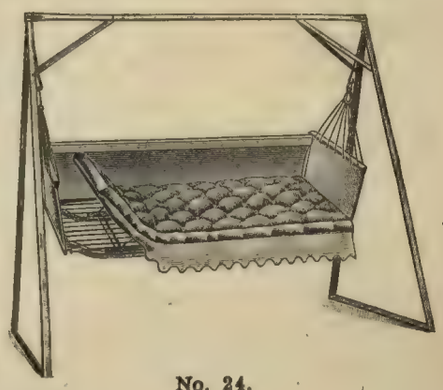
No. 29.

No. 29—With Galvanized Round Wire Spring, Drill Covered Tufted Mattress, 15 Oz. Standard Duck Ends with Back Support and Wind Shield, Olive Tan Color Only, Length Over All 74 in., Width 30 in., **with Green Finish 1½ in. Angle Iron Hammock Stand**..... **13.35**

No. 29N—As Above, **without Stand** **8.90**

No. 24—With Non-Rustable Electro Galvanized Flat Metal Fabric Springs, Standard Duck Covered Tufted Mattress, 15 Oz. Standard Duck Ends, Olive Tan Color Only, with Back Support and Wind Shield, Reclining Adjustable Head Rest, Length Over All 74 in., Width 30 in., **with Green Finished 1½ in. Angle Iron Hammock Stand** **18.35**

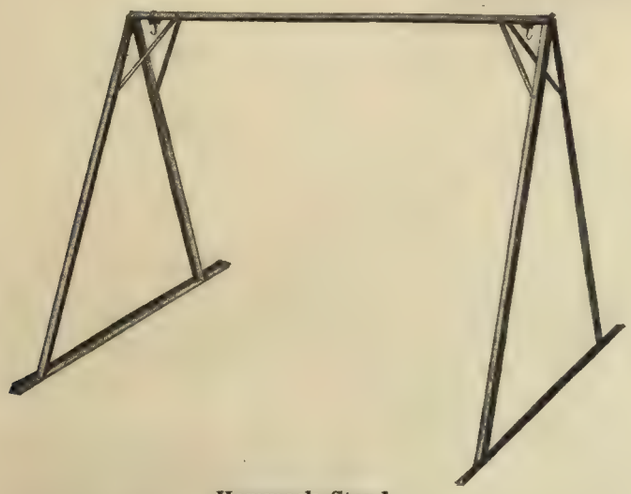
No. 24N—As Above, **without Stand** **13.90**



No. 24.

Nos. 28 to 24N Couch Hammocks Shipped F. O. B., Chicago, Ill.

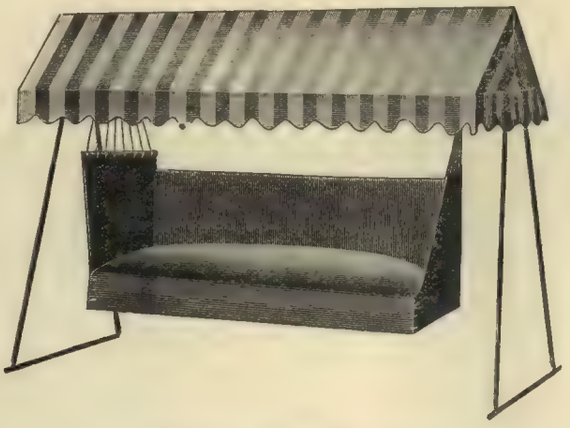
Hammock Supports.



Hammock Stand.
Made of 1½ in. Angle Iron, Well Braced.

	Each
No. 70—Length of Top 7 ft. 3 in., Height 6 ft. 3 in., Width at Bottom 4 ft. 2 in.	$4.50

Approx. Weight Each 45 Pounds.



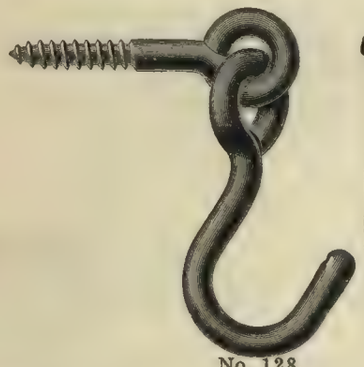
Hammock Stand and Canopy.
Heavy 1½ in. Angle Iron, Well Braced, WITH CANOPY, Made of 8 Oz. Blue and White Striped Duck.

	Each
No. 90—Without Hammock, Length of Top 7 ft. 3 in., Height 6 ft. 3 in., Width at Bottom 4 ft. 2 in.	$9.50

Approx. Weight Each 55 Pounds.

Hammock Hooks.

No. 118.



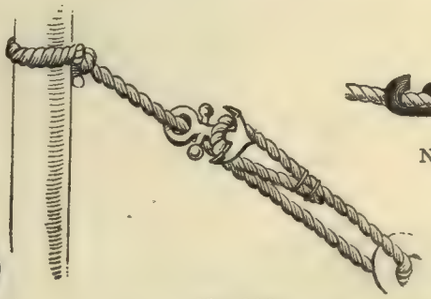
No. 128.

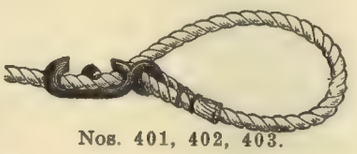
Tinned Iron.

	Per Dozen
No. 118—With Plate, 5/16 in. Wrought Hook	$0.80
No. 128—With Screw, 5/16 in. Wrought Hook	.70

Approx. Weight Per Dozen 4 Pounds.
One Dozen in a Box.

Hammock Ropes.





Nos. 401, 402, 403.

No. 303.

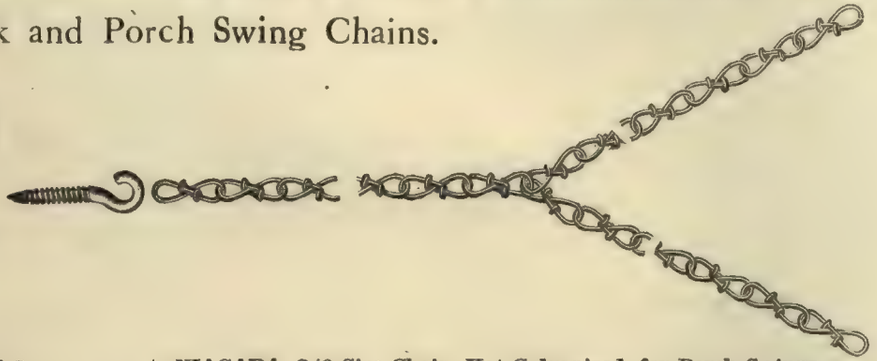
Hard Laid Sisal Rope, Malleable Iron Anchor.

	Per Dozen
No. 303—⅜ in. Rope, Weight Per Dozen About 8 Lbs.	$1.90

NEW IDEA, with Malleable Catch.

	Per Dozen
No. 401—5/16 in. Sisal Rope, Wt. Per Doz. About 6 Lbs.	$1.70
No. 402—⅜ in. Colored Rope, Wt. Per Doz. About 7 Lbs.	1.80
No. 403—⅜ in. Sisal Rope, Wt. Per Doz. About 8 Lbs.	1.90

Hammock and Porch Swing Chains.



NIAGARA, Hot Galvanized, In Sets of 2.

Length, Feet	3	6
Ap. Weight Per Dozen Sets, Lbs.	18	32
Per Dozen Sets	$4.50	9.00

One Set of Two Chains in a Box.

NIAGARA, 2/0 Size Chain, Hot Galvanized, for Porch Swings.

	Per Dozen Sets
No. 2—Two Piece Set, Length 7½ ft., (Leader 5 ft., Each Branch 2½ ft.), Complete with Two 3x⅜ in. Ceiling Hooks, Weight Per Dozen Sets About 49½ Lbs.	$13.35
No. 4—Four Piece Set, Consists of 4 Chains, Each 8 ft. Long, with Strong S Hook Attached to Each End, Complete with 4 Ceiling Hooks, Weight Per Dozen Sets About 84 Lbs.	16.70

One Set in a Box.

Base Ball Uniforms.

Our Base Ball Uniforms are made from the best materials obtainable in their respective grades and are specially woven for athletic purposes The most desirable colors have been selected, which, combined with their high standard of workmanship ena bles us to guarantee satisfaction.

Button Front.

Laced Front.

Plain Pants.

Quilted Pants.

UNIVERSITY UNIFORM, No. 15B

The Shirt, Pants and Cap of this Uniform are Made of the Finest Quality Safeslide Flannel, All Wool, Full 6 Oz. Weight, Each Suit is Cut and Made from Measurements Furnished (not Cut on Stock Pattern), Carefully Tailored with Best Finish Throughout.

Colors—Yale Gray, Steel Gray, White, Crimson, Green, Navy Blue, Pearl Gray, Steel Gray with Green Stripe, White with Navy Stripe, Yale Gray with Navy Stripe, Steel Gray with Navy Stripe, Navy Blue with White Stripe, Crimson with White Stripe, Pearl Gray with Navy Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 627, Any Style.
Stockings—No. 667, Any Color.

No. 15B—University Uniform Complete.....$19.00

COLLEGE SPECIAL UNIFORM, No. 15E

A Special Athletic Flannel, Very Popular with College and Semi-Professional Teams. Guaranteed Full 6 Oz., Not All Wool, but Just Enough Cotton to Make it Wash and Wear Even Better.

Colors—Yale Gray, Steel Gray, White, Crimson, Green, Navy Blue, Brown, Maroon, Yale Gray with Navy Stripe, Steel Gray with Navy Stripe, Yale Gray with Green Stripe, White with Navy Stripe, Crimson with White Stripe, Navy with White Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color.
Stockings—No. 665, Any Color.

No. 15E—College Special Uniform Complete.....$13.30

MINOR LEAGUE UNIFORM, No. 15D

This Uniform has been supplied in the past to some of the most prominent minor league teams. It has proven to be very popular and satisfactory.

Colors—Yale Gray, Steel Gray, White, Crimson, Navy Blue, Brown, Pearl Gray, Steel Gray with Green Stripe, Steel Gray with Royal Blue Stripe, White with Navy Stripe, Bristol Mix with Navy Stripe, Pearl Gray with Navy Stripe, White with Navy Stripe, Yale Gray, Green and Red Stripe, Pearl Gray, Purple and Green Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 627, Any Color.
Stockings—No. 665, Any Color.

No. 15D—Minor League Uniform Complete.....$16.00

CLUB SPECIAL UNIFORM, No. 15F

Made of the Same High Grade Material as Our Higher Priced Uniforms, but of Lighter Weight. This is One of Our Most Popular Sellers, and Will Give You Best of Satisfaction.

Colors—Yale Gray, Steel Gray, White, Green, Navy Blue, Brown, Pearl Gray, Steel Gray with Green Stripe, Steel Gray with Navy Stripe, White with Navy Stripe, Yale Gray with Green Stripe, Yale Gray with Navy and Purple Stripe, Pearl Gray with Green and Navy Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color.
Stockings—No. 665, Any Color.

No. 15F—Club Special Uniform Complete.....$12.00

NOTE—No Extra for Lettering Shirts of Above Uniforms with Name of Club.

In Ordering Uniforms Mention:

Style Shirt wanted, whether Button or Lace.
Style Pants wanted, whether Plain or Padded, Elastic or Tape Bottom.
Style Cap, page 2173.
Stockings, Color wanted.
Detachable Sleeves 40 cents per pair extra.

Samples of Flannel and Special Measurement Blanks Mailed to Clubs and others interested, on application, Free of Charge.

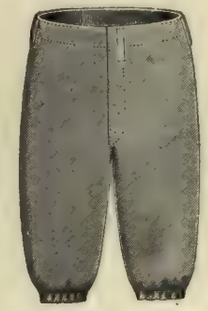
These Goods are Made to Order and are SHIPPED FROM FACTORY, F. O. B. CHICAGO.

Base Ball Uniforms.

Our Base Ball Uniforms are made from the best materials obtainable in their respective grades and are specially woven for athletic purposes The most desirable colors have been selected, which, combined with their high standard of workmanship enables us to guarantee satisfaction.

Button Front.

Laced Front.



Plain Pants.

Quilted Pants.

INTERSTATE LEAGUE UNIFORM, No. 15G

Made from the Well Known "Durable" Brand Flannel in the Heavy League Weight (Full 7 Oz.,). A Special Value Made up in the Very Best Manner, Tailor Finished and Hand Shrunk, Same as the More Expensive Grades.

Colors—Yale Gray, Steel Gray, Brown Gray, White, Navy Blue, Black, Maroon, Pearl Gray with Navy Stripe, Yale Gray with Navy Stripe, Steel Gray with Green Stripe, White with Navy Stripe, Yale Gray with Green Stripe, Yale Gray, Navy and Green Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color.
Stockings—No. 665, Any Color.

No. 15G—Interstate League Uniform Complete.....$11.30

CITY LEAGUE UNIFORM, No. 15K

A Good Grade of Strong Durable Flannel, Full 4½ Oz. A Suit we can Recommend for Wear and Nice Appearance. Every One Cut to Measure and Finished in Correct League Style.

Colors—Steel Gray, Brown Gray, White, Crimson, Green, Steel Gray with Red Stripe, White with Navy Stripe, Steel Gray with Green Stripe, Steel Gray with Purple Stripe, Steel Gray with Navy Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color.
Stockings—No. 659, Any Standard Color.

No. 15K—City League Uniform Complete.....$8.60

AMATEUR CLUB UNIFORM, No. 15M

An Excellent Wearing, Closely Woven Goods, which we know from Years of Experience Gives the Best of Satisfaction. We Consider it the Best Suit on the Market Today at the Price.

Colors—Blue Gray, Steel Gray, Brown Gray, White, Crimson, Green, Navy, Khaki Steel Gray with Navy Stripe, Brown Gray with Navy Stripe, Steel Gray with Green Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Philadelphia Style.
Belt—No. 623, Any Standard Color.
Stockings—No. 659, Any Standard Color.

No. 15M—Uniform Complete $6.30

SPECIAL LEADER UNIFORM, No. 15H

The Best Value Ever Offered in a Base Ball Suit. A Heavy Weight Athletic Flannel, Made to Order with the Same Attention to Details as the More Expensive Grades.

Colors—Yale Gray, Steel Gray, White, Navy Blue, Pearl Gray, Maroon, Black, Green, Brown, Yale Gray with Navy Stripe, Steel Gray with Green Stripe, Steel Gray with Navy Stripe, White with Navy Stripe, Yale Gray with Purple Stripe, Navy Blue with White Stripe, Steel Gray with Green Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Any Style.
Belt—No. 624, Any Color.
Stockings—No. 659, Any Standard Color.

No. 15H—Special Leader Uniform Complete.....$10.70

HIGH SCHOOL UNIFORM, No. 15L

Our Most Popular Young Men's and Youth's Suit. An Unusually Durable Grade of Flannel, which we Highly Recommend for Service. Made to Order in Big League Style.

Colors—Steel Gray, White, Green, Navy Blue, Black, Brown, Pearl Gray, Maroon, White with Black Stripe, Steel Gray with Green Stripe, Yale Gray with Navy Stripe, Navy Blue with White Stripe, Pearl Gray with Navy Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Philadelphia Style.
Belt—No. 623, Any Standard Color.
Stockings—No. 659, Any Standard Color.

No. 15L—High School Uniform Complete.....$7.50

JUNIOR UNIFORM, No. 15R

This Grade is Made to Order in all Sizes, but we Recommend it More for Boys and Youths than the Very Hard Use the Big Fellows Would Give It.

Colors—Yale Gray, Blue Gray, Steel Gray, Brown Gray, White, Crimson, Royal Blue, Green, Navy, Black, Yale Gray with Navy Stripe, White with Navy Stripe, Navy with White Stripe.

Shirt—Any Style.
Pants—Any Style.
Cap—Philadelphia Style.
Belt—No. 622, Any Standard Color.
Stockings—No. 658, Any Standard Color.

No. 15B—Junior Uniform Complete.....$5.10

NOTE—No Extra Charge for Lettering Shirts with Name of Club except No. 12R Uniform, with which only 2 Letters are Included.

In Ordering Uniforms, Mention:

Style Shirt wanted, whether Button or Lace.
Style Pants wanted, whether Plain or Padded, Elastic or Tape Bottom.
Style Cap, page 2173.
Stockings, Color wanted.
Detachable Sleeves 40 cents per pair extra.

Samples of Flannels and Special Measurment Blanks Mailed to Clubs and others interested, on application, Free of Charge.

These Goods are Made to Order and are SHIPPED FROM FACTORY, F. O. B. CHICAGO.

Base Ball Clothing.

COATS

Double Breasted Coat.

Norfolk Jacket.

Each

No. 15B—Double Breasted or Norfolk Jacket, Made of Same Material and Colors as Our No. 15B Base Ball Uniform.....$13.35

No. 15D—Double Breasted or Norfolk Jacket, Made of Same Material and Colors as Our No. 15D Base Ball Uniform..... 12.00

Single Breasted Coat.

Each

No. 15E—Single Breasted, Made of Same Material and Colors as Our No. 15E Base Ball Uniform. $8.68

No. 15F—Single Breasted, Made of Same Material and Colors as Our No. 15F Base Ball Uniform 8.36

These Coats are made of Base Ball Flannels, trimmed with different colors on Collars, Cuffs and Pockets. Large pearl buttons on front, double stitched and taped seams. Made up unlined or skeleton style. Monogram or Letter on top pocket.

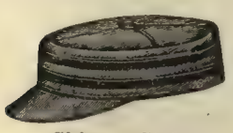
In Ordering, Mention Color and Trimming Wanted.

CAPS

Brooklyn Style.

Boston Style.

Philadelphia Style.



Chicago Style.

New York Style.

Each

No. 15B—Cap, Any Style, Colors Same as University Uniform $1.35

No. 15D—Cap, Any Style, Colors Same as Minor League Uniform 1.35

No. 15E—Cap, Any Style, Colors, Same as College Special Uniform 1.06

No. 15F—Cap, Any Style, Colors Same as Club Special Uniform ..... .92

No. 15G—Cap, Any Style, Colors Same as Interstate League Uniform ..... .92

No. 15H—Cap, Any Style, Colors Same as Special Leader Uniform ..... .92

No. 15K—Cap, Any Style, Colors Same as City League Unform ..... .92

No. 15L—Cap, Philadelphia Style Only, Colors Same as High School Uniform..... .68

No. 15M—Cap, Philadelphia Style Only, Colors Same as Amateur Club Uniform..... .58

No. 15R—Cap, Philadelphia Style Only, Colors Same as Junior Uniform ..... .46

ATHLETIC STOCKINGS

FANCY BAND STRIPE, 4 in. Wide on Calf, White Cotton Feet. Per Pair

No. 668-S—Extra Heavy Weight Worsted, Any Combination of Colors..$2.10

No. 667-S—Heavy Weight Worsted, Any Combination of Colors..... 1.75

No. 665-S—Heavy Weight Wool, Any Combination of Colors..... 1.45

No. 664-S—Regular Weight Wool, Any Combination of Colors..... 1.10

No. 659-S—Heavy Weight Cotton, in the Following Combination of Colors Only: Scarlet with Navy Stripe, Navy with White Stripe, White with Crimson Stripe, Crimson with White Stripe, Scarlet with White Stripe, Black with Orange Stripe, Black with White Stripe and Gray with Navy Stripe..... .65

PLAIN COLORS, White Cotton Feet. Per Pair

No. 668—Extra Heavy Weight Worsted, Any Color $1.98

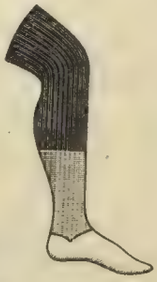
No. 667—Heavy Weight Worsted, Any Color 1.65

No. 665—Heavy Weight Wool, Any Color 1.35

No. 664—Regular Weight Wool, Any Color 1.00

No. 659—Heavy Weight Cotton, Colors, Black, Navy, Crimson, Royal Blue, Scarlet and White..... .55

No. 657—Regular Weight Cotton, Colors, Black, Navy, White, Crimson and Scarlet ..... .35



TWO COLOR, Upper Leg Part of One Color, Lower 6 in. at the Angle of Another Color, Generally White or Gray, White Cotton Feet. Per Pair

No. 668C—Extra Heavy Weight Worsted $2.10

No. 667C—Heavy Weight Worsted... 1.75

No. 665C—Heavy Weight Wool..... 1.45

No. 664C—Regular Weight Wool..... 1.10

These Stockings are made in any combination of color.

In ordering Stockings, mention Colors and Sizes Wanted.

Feetless Stockings, Same Price as Above.

BELTS

No. 627.

No. 625.

Each

No. 627—Worsted Web, 2½ in. Wide, Leather Lined, Nickel Plated Buckle.....$1.08

No. 625—Regulation, Worsted Web, 2½ in. Wide, Double Strap with Leather Covered Buckles. .75

Colors: Red, Royal Blue, Black, White, Navy Blue and Maroon.

Nos. 623 and 622.

No. 624.

Each

No. 623—Amateur, Cotton Web, 2½ in. Wide, Single Strap, Tinned Buckle $0.35

No. 622—Junior, Cotton Web, 1¼ in. Wide, Single Strap ..... .30

No. 624—Cotton Web, 2½ in. Wide, Double Strap, with Nickel Plated Buckles..... .45

Colors: Red, Royal Blue, Black, White, Navy Blue and Maroon.

Each

No. 630—Heavy Solid Leather, 1½ in. Wide, Russet or Black, Nickel Plated Buckles.....$1.08

These Goods are Made to Order and are SHIPPED FROM FACTORY, F. O. B. CHICAGO.

Base Ball Shoes.

No. 460.

Sprinting Base Ball Shoes.

Per Pair

No. 460—Men's Genuine Kangaroo Uppers, Oak Tap and Heel, Goodyear Stitched, Flexible Shank, Best Hand Forged Curved Steel Cleats, Solid Copper Hand Riveted, Rawhide Thong Laces, Wing Tip, Claflin Last **$7.00**

Sizes 5 to 11.

Featherweight Official League Shoes.

Per Pair

No. 1860—Men's, Genuine Kangaroo Uppers with Side Lining and Outside Counter Pocket, Oak Tap and Heel, Goodyear Stitched with Extremely Flexible Shank, Latest Style High Carbon Straight Arm Steel Cleats, Solid Copper Hand Riveted, Rawhide Thong Laces, Wing Tip, Claflin Last..... **$8.35**

A Hand Turned Shoe. The lightest and finest Base Ball Shoe made, but 9 oz. in weight, yet strong and substantial.

Sizes 5 to 11.

No. 1860.

No. 2472.

Amateur League.

Per Pair

No. 2472—Men's, Walloby Calf Uppers, White Finished Oak Sole, Spring Heel, Guaranteed Hardened Blued Steel Toe and Heel Cleats, Wing Tip, Claflin Last **$3.70**

Men's Sizes: 5 to 11; Boys' Sizes, 2½ to 5½.

Amateur League.

Per Pair

No. 447—Men's, Dull Calfskin Uppers, a Light Tough Durable Leather, Solid Oak Sole, Spring Heel, Guaranteed Hardened Blue Steel Toe and Heel Cleats, Wing Tip, Claflin Last **$3.80**

Men's Sizes, 5 to 11; Boys' Sizes, 2½ to 5½.

Amateur League Special.

Per Pair

No. 1473—Men's, Kangaroo Calf Uppers, Solid Oak Sole, Spring Heel, Guaranteed Hardened Blue Steel Toe and Heel Cleats, Wing Tip, Claflin Last **$4.65**

Men's Sizes: 5 to 11; Boys' Sizes, 2½ to 5½.

A High Grade Solid Leather Shoe. Made of best material and one which we can especially recommend for a low priced shoe.

Nos. 447 and 1473.

Track Shoes.

Running Shoes. Per Pair

No. 1401—Specially Selected Light Kangaroo Calf Uppers, Six High Carbon Steel Spikes Firmly Riveted and Reinforced by Double Rows of Sole Stitching, a Light Glove Fitting Upper Drawn Under at Heel to Secure a Snug Fit **$5.00**

Sizes 3 to 11.

Jumping and Hurdling Shoes.

Per Pair

No. 1403—Special Quality Kangaroo Uppers Drawn Under Heel so as to Hug Foot and Prevent Chafing, Special Oak Tap and Heel with Flexible Shank, Six Carbon Steel Spikes in Tap and Two in Heel, Correctly Placed..... **$6.10**

Sizes 3 to 11.

Running Pants.

Fly Front, Lace Back.

Per Dozen

No. 603—Muslin, Best Grade..$ 7.80
No. 203—Twill 8.90
No. 703—Sateen, Any Color... 10.00

Striping and color, on all styles, 75 cents Per dozen net. Place "S" after style number if striping is wanted and state color wanted or send samples.

Athletic Supporters.

P. & S.

STAR AND CRESCENT

For Light and Quick Work.

3 in. All Elastic Waist Band, 2½ in. Special Elastic Web Leg Straps, Extra Long Pouch, Bulged and Shaped with Edges, Especially Hemmed and Bound to Prevent Stretching Out of Shape, Double Lock Stitched Unions and Joinings.

	Per Dozen
No. 5—Non-Elastic Velvet Pouch	$10.00
No. 6—Double Thickness Lisle Pouch	8.90
No. 7—Single Thickness Lisle Pouch	8.90
No. 8—Open Mesh English Linen Pouch	8.90

PENNANT WINNER

For Base Ball Players.

3 in. Special Web Weave Double Strength Elastic Waist Band, with Interlined Center Piece in Front, 2½ in. Special Web Weave Double Strength Elastic Leg Straps, 6 in. Bellied Pouch, Triple Lock Stitched Joinings.

	Per Dozen
No. 9—Non-Elastic Velvet Pouch	$10.00
No. 10—Double Thickness Lisle Pouch	8.90
No. 11—Single Thickness Lisle Pouch	8.90
No. 12—Open Mesh English Linen Pouch	8.90

Sizes: Small, 28 to 32; Medium, 30 to 36; Large, 34 to 40.

ADONISBELT

General Gentlemen's Belt.

3 in. Waist Band, 2 in. Leg Straps, Specially Woven from the Very Finest Mercerized Yarns and the Best Quality Rubber, Reinforced Satin Center Piece, Quadruple Locked Stitched to the Elastic Waist Band, Bellied Pouch, Three Plated Patent Glove Fasteners on Pouch and Waist Band, Permitting Partial or Instant Removal of Garment.

	Per Dozen
No. 14—Special Pink Web Silk Pouch	$26.65
No. 13—Open Mesh English Linen Pouch, Same Description as No. 14, but with Regular Elastic Web and Reinforced Cloth Centerpiece	13.35

ADMIRAL

For Bowling and Golf.

3 in. Special Weave Soft Elastic Web Waist Band, 2 in. Special Weave Soft Elastic Leg Straps, Detachable Pouch with Three Patent Glove Fasteners, Double and Triple Lock Stitched Unions.

	Per Dozen
No. 24—Open Mesh English Linen Pouch	$12.25
No. 25—Single Thickness Lisle Pouch	12.25
No. 26—Double Thickness Lisle Pouch	12.25

"GYM."

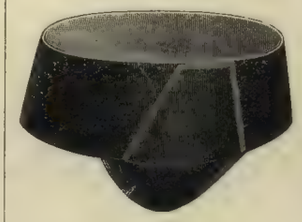
For All Athletics.

3 in. Waist Band, 2½ in. Border, Web Leg Straps, Double Compartment Pouch.

	Per Dozen
No. 60—Non-Elastic Velvet Pouch	$10.00
No. 61—Non-Elastic Lisle Pouch	10.00
No. 66—Non-Elastic Lisle Inside, Linen Open Mesh Outside Pouch	10.00

Sizes: Small, 28 to 32; Medium, 30 to 36; Large, 34 to 40.

BLACK TOM



For Wrestling, Boxing and Heavy Work.

5 in. Waist Band, Very Closely Specially Woven Gore Web of the Finest Elastic, Double Thickness Wool Tricot Pouch, Quadruple Stitched to the Belt in Front and Behind, Outer Edges of Pouch Tape Bound, End of Pouch, where it Joins the Elastic Waist Band, Strongly Reinforced with an Extra Lining.

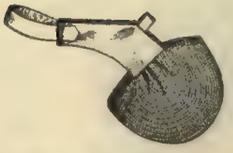
	Per Dozen
No. 27—Special Pouch, Black	$15.60

When ordering No. 27, give Exact Measurement next to the skin.

When Ordering Athletic Supporters, Specify Sizes Wanted.

Suspensories.

PERFECT



Nos. 15 to 18.

	Per Dozen
No. 15—Plain Cotton Sack, Non-Elastic Band	$3.35
No. 16—Fancy Cotton Sack, Non-Elastic Band	4.00
No. 17—Fancy Silk Sack, Non-Elastic Band	4.65
No. 18—Pink Plain Silk Sack, Non-Elastic Band	4.65

Assorted Sizes, Small, Medium and Large.

Nos. 30 to 34.

ARMY AND NAVY

Seamless Sack, Indestructible Leg Straps, Made with 5 in. Genuine Lined Strips of Double Thickness, Sewed to Pouch and Elastic Extending from Linen Tape to Center Piece.

	Per Dozen
No. 30—Lisle Sack, Non-Elastic Waist Band and Understraps	$3.35
No. 31—Cotton Sack, Non-Elastic Waist Band and Understraps	4.00
No. 32—Lisle Sack, Elastic Waist Band and Understraps	6.10
No. 33—Fancy Mesh Sack, Elastic Waist Band and Understraps	6.65
No. 34—Silk Sack, Silk Elastic Waist Band and Understraps	9.45

Assorted Sizes, Small, Medium and Large.

Bandages.

Ankle Bandages.

	Each
No. 1—Cotton Thread	$3.35
No. 2—Silk Thread	4.00

In ordering, give Circumference around ankle and over instep and state if Light or Strong Pressure is wanted.

Knee Cap Bandages.

	Each
No. 5—Cotton Thread	$3.35
No. 6—Silk Thread	4.00

In ordering, give Circumference below knee, at knee and just above knee, and state if Light or Strong Pressure is wanted.

Wrist Bandages.

	Each
No. 3—Cotton Thread	$1.65
No. 4—Silk Thread	2.00

In ordering, give Circumference around smallest part of wrist and state whether Light or Strong Pressure is wanted.

Elbow Bandages.

	Each
No. 7—Cotton Thread	$3.35
No. 8—Silk Thread	4.00

In ordering, give Circumference above, below and at elbow, and state whether Light or Strong Pressure is wanted.

Ankle Supporters.

REACH

	Per Dozen Pairs
No. K—Brown Sheepskin	$ 8.90
No. MA—Brown Grain Leather	13.35
No. L—Finest Russian Calf	18.70

When ordering, Mention Size or Send Size of Shoe.

To be worn over Stocking. They relieve a pain immediately, cure a sprain in a remarkably short time, strengthen and prevent turning of ankle.

NATHAN'S PATENT, CORSET

(PATENTED)

	Per Dozen Pairs
No. 5—Men's, Canvas, Plain, not Ventilating, without Stays	$ 5.55
No. 10—Men's, Fine Tan Leather, Plain, not Ventilating, without Stays	11.10
No. 12—Men's, Fine Canvas, Ventilating, with Bone Stays	10.55
No. 13—Boys', Fine Canvas, Ventilating, with Bone Stays	10.55
No. 15—Men's, Fine Tan Leather, Ventilating, with Bone Stays	17.20
No. 20—Ladies', Fine Tan Leather, Ventilating, with Bone Stays	16.10

Open Stock.

Wrist Supporters.

No. 60.

Nos. 61 to 65.

Made of High Grade Materials.
Double Straps and Buckles.

	Per Dozen
No. 60—Russia Calfskin, Not Lined	$8.96

Single Strap and Buckle.

	Per Dozen
No. 61—Russia Calfskin, Not Lined	$6.15
No. 62—Black Grain Leather, Leather Lined	4.50
No. 64—Brown Grain Leather, Not Lined	2.70
No. 65—Black Grain Leather, Not Lined	2.70

Open Stock.

Abdominal Guard and Supporter.

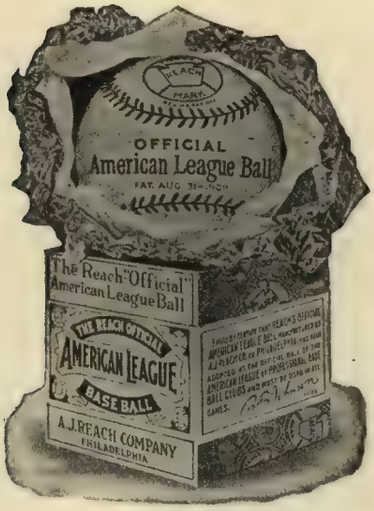
REACH

For Base Ball, Foot Ball and Polo Players, Boxers and Wrestlers.

	Each
No. 76—Aluminum, Best Leather Covered, Will not Interfere with the Movement of the Wearer, Quickly Adjusted and Removed, Elastic Straps, Well Ventilated	$5.35

Base Balls.

REACH



No. 0.

"American League."

Per Dozen

No. 0—Superfine Wool Yarn, Cork Center, Covered with Best Para Rubber, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $26.65

Used Exclusively by the American League.

"American League Junior."

Per Dozen

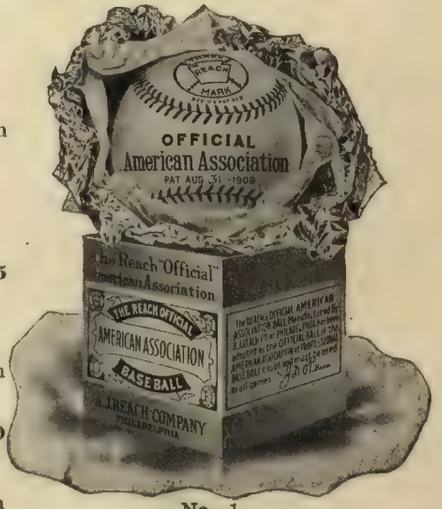
No. 0J—Same as No. 0, but Slightly Smaller in Size, Used by Junior Clubs $18.70

"American Association."

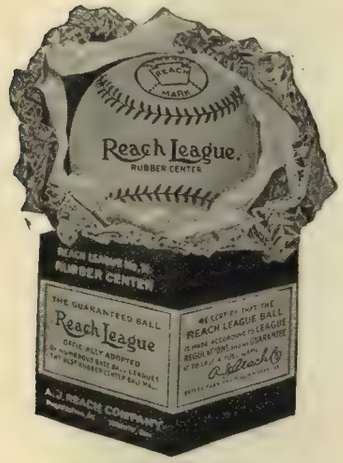
Per Dozen

No. 1—Superfine Wool Yarn, Cork Centr, Covered with Best Para Rubber, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $26.65

Used Officially by the American Association.



No. 1.



No. 1L.

"Reach League."

Per Dozen

No. 1L—Best Wool Yarn, Best Para Rubber Center, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $20.00

"Major League."

Per Dozen

No. 3C—Fine Wool Yarn, Rubber Center, Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $17.80

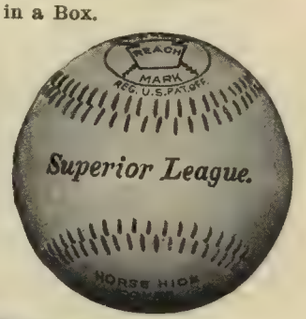
One Dozen in a Box.

No. 3C.

"Reach League Jr."

Per Dozen

No. 2—Boy's Size, Best Wool Yarn, Best Para Rubber Center, Best Horsehide Cover, Guaranteed to Last a Full Game, Each Ball Wrapped in Tin Foil, Put up in Separate Box and Sealed $13.35



"Superior League."

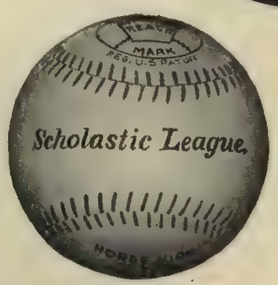
Per Dozen

No. 4A—Regulation Size and Weight, Rubber Center, Wool Yarn, Horsehide Cover, Each Ball Put up in Separate Box and Sealed $13.35

"Athletic League."

Per Dozen

No. 6—Regulation Size, Rubber Center, Wool Yarn, Horsehide Cover, Each Ball Put up in Separate Box and Sealed $9.35

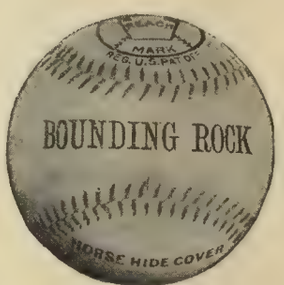


"Scholastic League."

Per Dozen

No. 5—Boy's Size, Rubber Center, Wool Yarn, Horsehide Cover, Each Ball Put up in Separate Box and Sealed ... $8.90

One Dozen in a Box.
Approx. Weight Per Dozen 5 Pounds.



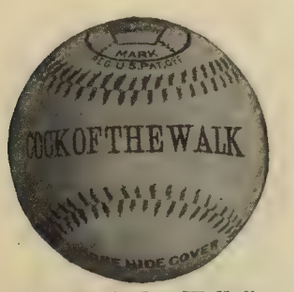
"Bounding Rock."

Per Dozen

No. 7—Regulation Size and Weight, Horsehide Cover, Each Ball Put up in Separate Box and Sealed $8.00

Base Balls.

REACH



"Cock of the Walk."

Per Dozen

No. 8—Regulation Size and Weight, Horsehide Cover, Each Ball Put up in Separate Box and Sealed.....**$4.50**

"Sky Scraper."

Per Dozen

No. 8B—Junior Size, Very Lively Material, Horsehide Cover, Each Ball Put up in Separate Box and Sealed.....**$4.80**

"Junior League."

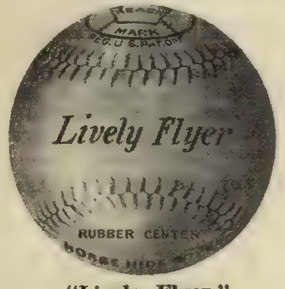
Per Dozen

No. 9—Junior Size and Weight, Lively Material, Horsehide Cover, Each Ball Put up in Separate Box and Sealed...**$4.50**

"Fire Fly."

Per Dozen

No. 9R—Junior Size, Lively Material, Red Horsehide Cover, Each Ball Packed in Sealed Box **$4.50**



"Lively Flyer."

Per Dozen

No. 9X—Made of Wool Yarn, Rubber Center, Horsehide Cover, Each Ball Packed in Sealed Box **$5.00**

"Champion."

Per Dozen

No. 11—Slightly Below Regulation Size, Waterproof Cover, Wrapped in Tissue Paper...**$1.80**

Base Balls.

"Red Bird."

Per Dozen

No. 11B—Boy's, Large Size, Red Waterproof Cover, Wrapped in Tissue Paper.....**$1.60**

"Bounder."

Per Dozen

No. 12—Good Lively Ball, Waterproof Cover, Wrapped in Tissue Paper **$0.90**

Playground Balls.

OFFICIAL, Hand Made Throughout, Hand Stitched Horsehide Covers.

Nos.	P12	P14	P15
Inches	12	14	15
Per Dozen	$24.00	24.00	24.00

Nos.	P16	P17
Inches	16	17
Per Dozen	$24.00	24.00

Recreation Balls.

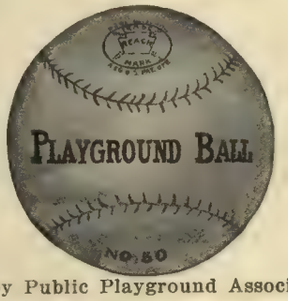
Highest Grade Material.

Per Dozen

No. 300—9 in., Regulation Size, Horsehide Cover.**$8.90**

No. 400—Youth's Size, Waterproof Cover.... **4.50**

Playground Balls.



Highest Grade Material.

Per Dozen

No. 50B—14 in., Horsehide Cover **$8.90**

No. 25B—11 in., Waterproof Cover **4.50**

The Recreation or Playground Balls have been endorsed by Public Playground Associations. Can be batted and fielded like a regular Base Ball. Will not injure the hands.

Approx. Weight Per Dozen of Above 4 Pounds.

All Above, One Dozen in a Box.

Balls.

PICNIC BALLS

Goldsmith's.

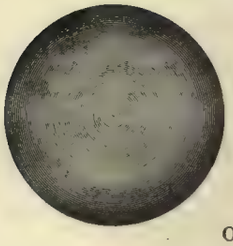
	Per Dozen
No. 26—11½ in., Sheepskin Cover, a Soft and Ideal Ball for Boys and Girls	$4.50

Boys'.

	Per Dozen
No. 2—9¼ in. Circumference, Sheepskin Cover, Soft Ball for Boys and Girls	$1.80

One Dozen in a Box.

INFLATED RUBBER BALLS



Superior Compound, Smooth Buffed Surface, Heavy Wall.

White.	Per Dozen
No. 105—1⅝ in. Diameter	$0.90
No. 127—2⅜ in. Diameter	1.70

Terra Cotta.

	Per Dozen
No. 205—1⅝ in. Diameter	$1.00
No. 227—2⅜ in. Diameter	1.90

One Dozen in a Box.

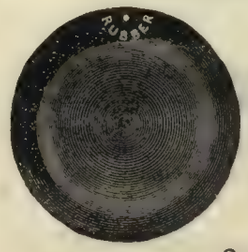
PENNANT BALLS

INFLATED RUBBER, White Embossed Surface, Raised Color Design.

	Per Dozen
Pennant—2⅜ in., Made with the Following Names: Wisconsin, Illinois, Iowa, Minnesota and Michigan	$2.00

One Dozen in a Box.

SOLID RUBBER BALLS



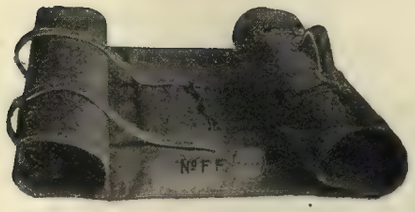
Solid.

Nos.	5	10	15
Diam., Inches	1½	1⅝	1¾
Per Dozen	$0.70	.80	1.00

Nos.	20	25
Diam., Inches	1⅞	2
Per Dozen	$1.10	1.35

One Dozen in a Box.

Uniform Bags.



No. FF.

For Base Ball Players, Bicycle Riders, Tennis Players and Athletes Generally.

	Each
No. F—Brown Canvas	$ 5.00
No. FF—Brown Leather	10.00
No. FFF—Brown Canvas Slightly Smaller and of Lighter Material than No. F	2.50

The convenient packing of Uniforms in a manner that will not wrinkle and soil same, and to be easily carried, is an important item to every player. The A. J. Reach Co. have designed a roll or bag which answers all requirements. It is substantially made, very durable, and has separate compartments for shoes, etc.

Bat Bags.

REACH

Club.

	Each
No. BB1—Extra Heavy Brown Canvas, Leather Trimmings to Match, Extra Strong, Holds 12 Bats	$5.60
No. BB3—Extra Heavy Brown Canvas, Leather Trimmings to Match, Extra Strong, Holds 6 Bats	4.15

Individual.

	Each
No. BB5—Heavy Brown Canvas, Capped at Both Ends with Leather to Match, Holds 2 Bats	$2.60

Individual.

	Each
No. BB2—Fine Russet Bag Leather, Endorsed by Leading Players, Holds 2 Bats	$6.15
No. BB4—Fine Brown Tan Leather, Well Made, Holds 2 Bats	3.15

Individual.

	Each
No. BB6—Heavy Brown Canvas, Capped at One End with Leather to Match, Holds 2 Bats	$2.15
No. BB7—Khaki Canvas, Leather Trimmings, Holds 2 Bats	1.60

Base Ball Bats.

"REACH BURLEY" PROFESSIONAL

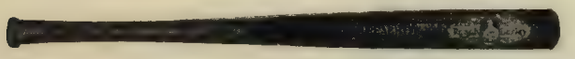
Highest Grade Selected Second Growth Straight Grained Air Dried White Ash, Specially Finished and Nicely Balanced, Hand Turned.

Per Dozen

No. 13–0—Dark Brown Finish, Plain Handle, Assorted Lengths, Weights and Models.....$17.25

Per Dozen

No. 12–0—Hand Rubbed Dead Oil Finish, Special Taped Handle, Assorted Lengths, Weights and Models $17.25



Per Dozen

No. 11–0—Dark Brown Spotted Burnt Finish, Special Polish, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 10–0—Hand Rubbed Dead Oil Finish, Plain Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 9–0—New Flame Burnt, Highly Polished, Special Taped Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No. 8–0—Special White Finish, High Polish, Plain Handle, Assorted Lengths, Weights and Models $17.25

Per Dozen

No 7–0—Spotted Burnt Snappy Yellow Finish, Assorted Lengths, Weights and Models.....$17.25

Per Dozen

No 6–0—Dark Brown Special Finish, Highly Polished, Assorted Lengths, Weights and Models....$17.25

Per Dozen

No. 5–0—Natural Yellow Finish, Highly Polished, Taped Handle, Assorted Lengths, Weights and Models $16.75

Per Dozen

No. 4–0—Natural Yellow Finish, Highly Polished, Plain Handle, Assorted Lengths, Weights and Models $16.15

All Above, One Dozen in a Crate.

REACH

High Grade Second Growth White Ash.

Per Dozen

No. 3–0—Special, Dark Brown Finish, Taped Handle, Assorted Lengths, Weights and Models....$13.35

Per Dozen

No. 2–0—Boy's Burley, Dark Brown Finish, Taped Handle, Assorted Lengths and Weights....$8.90

Selected Second Growth White Ash.

Per Dozen

No. 1–0—League, Natural Finish Taped Handle, Assorted Lengths and Weights.....$8.90

Made of Willow, Used for Batting Practice.

Per Dozen

No. 79—Fungo, Natural Yellow Finish, Dark Brown Tip, Assorted Lengths and Weights.....$8.90

High Quality Ash, Perfect Balance.

Per Dozen

No. 80—Mushroom, Dark Brown Finish, Assorted Lengths and Weights.....$8.90

Extra Quality White Ash.

Per Dozen

No. 81—Professional, Spotted Burnt Finish, Assorted Lengths and Weights.....$8.35

Good Quality Ash.

Per Dozen

No. 82—Heavy Hitter, Special Yellow Finish, Assorted Lengths and Weights.....$4.50

Good Quality White Ash, Red Band Trade Mark.

Per Dozen

No. 83—Boy's Red Band, Antique Finish, Lengths 31 to 32 in.....$4.50

All Above, One Dozen in a Crate.

Good Quality White Ash.

Per Dozen

No. 83B—School League, Spotted Burnt Finish, Lengths 31 to 32 in.....$4.50

One Dozen in a Crate.

Per Dozen

No. 87—Boys' League, Ash, Special Green Finish, Length 30 in.....$2.00

No. 5—Juvenile, White Wood, Natural Finish, Assorted Lengths 1.00

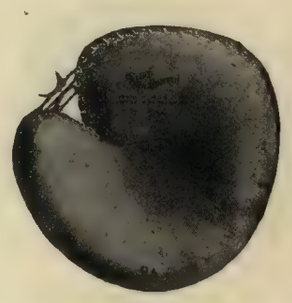
Three Dozen in a Crate.

Catchers' Mitts.

REACH

No. 10A.

Illustration Shows New Hold Fast Feature as Applied to No. 10A Mitt.

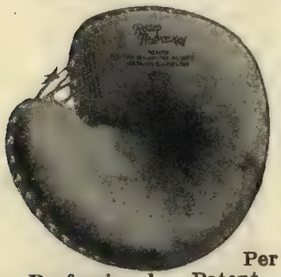


No. 8A.

Per Dozen

No. 10A—The Brute, Extra Strong and Hand Made, Patent Laced, Specially Tanned Highest Grade Calfskin, Hand Sewed Throughout, One Piece Face, Moulded Pocket, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, **Patented Hold Fast Feature** **$186.70**

No. 8A—Professional, Patent Laced, Finest Quality Brown "Reaco" Calfskin, One Piece Face, Moulded Pocket, **King Patent Adjustable Padding,** an Important Feature, Being Absolutely Secure Against Breaking or Shifting, Patent Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$166.70**



Per Dozen

No. 9A—Professional, Patent Laced, Finest Quality Brown "Reaco" Calfskin, One Piece Face, **Patent Perforated Pocket,** which Does Away with the Rebound of the Ball, as it Eliminates the Air Cushion, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$146.70**

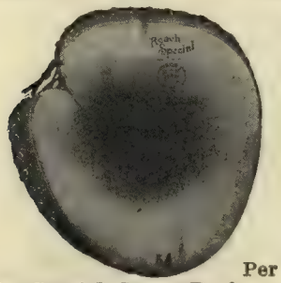
Per Dozen

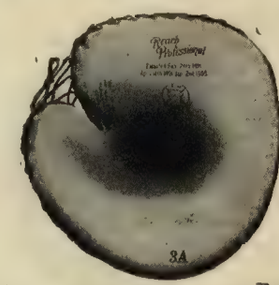
No. 7A—Professional, Patent Laced, Finest Quality Black "Reaco" Calfskin, One Piece Face, Moulded Pocket, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$146.70**

Per Dozen

No. 6A—Professional, Patent Laced, Finest Quality Brown "Reaco" Calfskin, One Piece Face, Moulded Pocket, Special Patented Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Edge and Back Stiffened to Prevent Injury to the Fingers, Reinforced Fingers, Strap and Buckle at Wrist..... **$146.70**

No. 8—Same Description as No. 6A, Slightly Larger.. 153.35





Per Dozen

No. 5A—Special, Large Professional Model, Patent Laced, Finest Specially Tanned "Reaco" Buckskin Face, Finest Brown "Reaco" Calfskin Back, Strip and Fingers, Olive Binding, Special Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist **$126.70**

Per Dozen

No. 4C—Special, Large Professional Model, Patent Laced, Finest Brown "Reaco" Calfskin, Olive Binding, Special Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Patent Hold Fast Feature, (See Cut No. 10A)..... **$126.70**

No. P—Professional, as No. 4C, but Slightly Smaller Model **126.70**

One-twelfth Dozen in a Box.

Per Dozen

No. 3A—Special, Patent Laced, Finest Pearl Colored "Reaco" Calfskin, Ox Blood Binding, Special Hand Formed Asbestos Felt Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist **$126.70**

NOTE—We Carry in Stock the Following Numbers in Right Hand: No. 5A.

Catchers' Mitts.

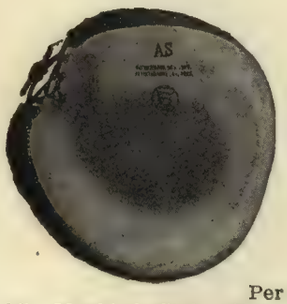
REACH

Per Dozen

No. 2A—Special, Professional Model, Patent Laced, Finest Brown "Reaco" Calfskin Back and Face, Olive "Reaco" Calfskin Strip and Fingers, Olive Welt, Brown Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist **$106.70**

Per Dozen

No. 2B—Special, Professional Model, Patent Laced, Finest Black "Reaco" Calfskin Face, Back and Fingers, Brown "Reaco" Calfskin Strip, Brown Welt, Red Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist..... **$111.15**



Per Dozen

No. AS—Moulded Style, Patent Laced, Finest Pearl Colored "Reaco" Calfskin Face and Back, Olive Calfskin Strip and Fingers, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist..... **$93.25**

Per Dozen

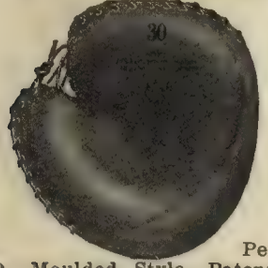
No. 500—Special, Moulded Style, Brown Calfskin, White Leather Welt and Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist **$93.25**

Per Dozen

No. 32—Special, Moulded Style, Patent Laced, Finest Olive "Reaco" Calfskin, Brown Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect the Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist **$93.25**

Per Dozen

No. 41—Special, Moulded Style, Dark Brown Calfskin Face and Fingers, Black "Reaco" Leather Strip and Back, Black Leather Welt and Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist. **$73.30**



Per Dozen

No. 30—Moulded Style, Patent Laced, Finest Mouse Colored "Reaco" Leather, Ox Blood Binding, Best Asbestos Felt Hand Formed and Sewed Pad, Laced Thumb, Deep Pocket, Double Stiffening on Edge and Back to Protect Fingers, Special Reinforced Back and Hand Protector, All Parts Double Stitched, Strap and Buckle at Wrist. **$73.30**

No. 30N—Half Laced, Moulded Style, Finest Black "Reaco" Leather, Ox Blood Binding, Otherwise Same as No. 30.. **73.30**

Per Dozen

No. 350—Patent Laced, Light Color Brown Calfskin, Pearl Colored Calf Strip, Olive Welt and Binding, Brown "Reaco" Leather Back, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. **$60.00**

One-twelfth Dozen in a Box.

Per Dozen

No. 31—Moulded Style, Patent Laced, Brown Tan Leather, Ox Blood Binding, Special Pad, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. **$60.00**

NOTE—We Carry in Stock the Following Number in Right Hand: No. 32.

Catchers' Mitts.

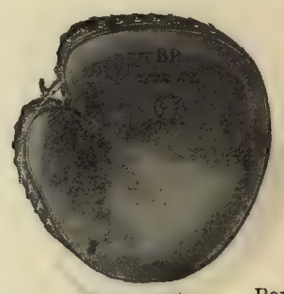
REACH

Per Dozen

No. BX—Patent Laced, Brown Calfskin Face and Fingers, Black "Reaco" Leather Strip and Back, **Patent Sole Leather Finger Protector,** Olive Welt, Brown Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. **$64.00**

Per Dozen

No. BN—Patent Laced, Finest Black Calfskin Face and Fingers, Brown Calfskin Strip, Black "Reaco" Leather Back, Brown Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist. **$53.30**



Per Dozen

No. BP—Patent Laced, Olive Calfskin Face and Fingers, Black Calfskin Strip, Black "Reaco" Leather Back, Olive Welt, Red Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.. **$53.30**

Per Dozen

No. 33—Patent Laced, Pearl Calfskin, with Brown Leather Back, Brown Welt, Olive Binding, Well Padded, Made Extra Strong, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$53.30**

Per Dozen

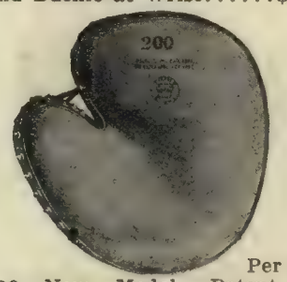
No. DD—New Model, Patent Laced, Finest Drab Suede Calfskin Face and Fingers, Brown Tan Leather Back and Strip, **Sole Leather Finger Protector,** Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist..... **$46.65**

Per Dozen

No. DN—New Model, Patent Laced, Fine Black Calfskin Face and Fingers, Black Tan Leather Back and Strip, **Sole Leather Finger Protector,** Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist..... **$46.65**

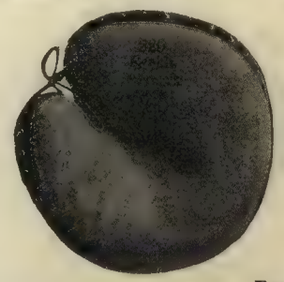
Per Dozen

No. 250—New Model, Patent Laced, Brown "Reaco" Leather Face and Fingers, Olive Tan Leather Back and Strip, Red Welt and Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist..... **$44.50**



Per Dozen

No. 200—New Model, Patent Laced, Finest Mouse Colored Calfskin Face and Fingers, Buckskin Finish, Fine Craven Tan Leather Back and Strip, Brown Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **$36.65**



Per Dozen

No. 220—New Model, Patent Laced, Ecru Leather, Black Tan Leather Strip, Cherry Red Welt and Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist.. **$35.60**

Per Dozen

No. 20N—New Model, Patent Laced, Fine Black Calfskin Face and Back, Olive Tan Leather Strip and Fingers, White Welt and Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **$36.65**

Per Dozen

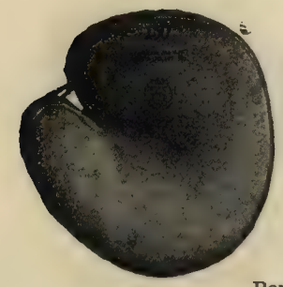
No. 150N—New Model, Patent Laced, Finest Black "Reaco" Leather Face, Fingers and Back, Craven Tan Leather Strip, Wine Binding, Well Padded, Made Extra Strong, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist **$26.65**

One-twelfth Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. BX, BP, DD and 150N.

Catchers' Mitts.

REACH



Per Dozen

No. 150—Thin Model, Patent Laced, Pearl Colored Leather, with Craven Tan Leather Back, Welted and Leather Laced, Brown Strip, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist.....**$26.65**
One-twelfth Dozen in a Box.

Per Dozen

No. 160—Thin Model, Patent Laced, Olive Tan Leather with Black Tan Leather Strip, Leather Laced, Wine Binding, Laced Thumb, Deep Pocket, Strap and Buckle at Wrist.....**$25.35**
One-twelfth Dozen in a Box.

Per Dozen

No. 125—Thin Model, Patent Laced, Brown Tan Leather, Reinforced Face, Deep Pocket, Laced Thumb, Strap and Buckle at Wrist.....**$22.25**
One-twelfth Dozen in a Box.

Per Dozen

No. FP—Thin Model, Patent Laced, Brown Tan Leather, with Olive Leather Strip, Deep Pocket, Laced Thumb, Strap and Buckle at Wrist **$17.80**
One-twelfth Dozen in a Box.

Per Dozen

No. FPN—Thin Model, Patent Laced, Olive Tan Leather, with Brown Leather Strip, Deep Pocket, Laced Thumb, Strap and Buckle at Wrist **$17.80**
One-twelfth Dozen in a Box.

Per Dozen

No. 100—Bound Edge, Fine Black Tan Leather. Brown Leather Strap, Deep Pocket, Laced Thumb **$13.35**
One-quarter Dozen in a Box.

Per Dozen

No. 75—Laced, Fine Brown Tan Leather, Ox Blood Strip, Laced Thumb, Deep Pocket.**$13.90**
One-quarter Dozen in a Box.

Per Dozen

No. GP—Craven Tan Leather Face and Fingers, Black Tan Leather Back, Olive Strip, Laced Thumb, Deep Pocket **$9.35**
One-quarter Dozen in a Box.

Per Dozen

No. 65—Brown Tan Leather Face, Fingers and Back, Ox Blood Strip, Laced Thumb, Deep Pocket **$8.90**
One-quarter Dozen in a Box.

Per Dozen

No. 66—Brown Leather Face and Fingers, Perspiration Proof Back, Laced Thumb, Deep Pocket.....**$8.90**
One-quarter Dozen in a Box.

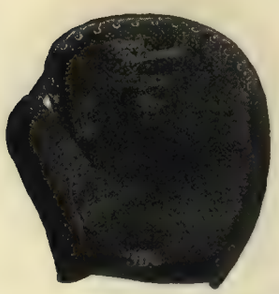
Per Dozen

No. M—Craven Tan Leather Face and Fingers, Perspiration Proof Back, Ox Blood Strip, Laced Thumb, Deep Pocket.....**$4.50**
One-half Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 150, 125, FP, M, 100 and 65.

First Basemen's Mitts.

REACH

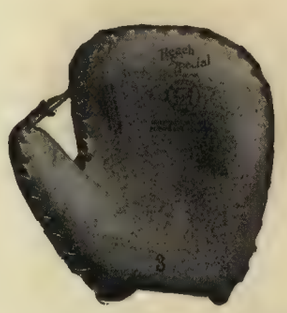


Per Dozen

No. 3BG—Professional New Hold Fast Model, Specially Tanned Calfskin Leather, Adjustable at the Thumb and the Body of Mitt Through a Strap and Buckle, Patent Asbestos Hinged Pad, Leather Laced, New Hold Fast at Wrist...**$93.50**

Per Dozen

No. KB—Professional Graball Model, Specially Tanned "Reaco" Buckskin, King Patent Lacing, Adjustable Padding Absolutely Secure Against Breaking or Shifting, Patent Asbestos Hinge Pad, Strap and Buckle at Wrist **$93.50**



Per Dozen

No. 3—Special, Hinge Model, Patent Leather Laced, Drab "Reaco" Buckskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist **$73.30**

Per Dozen

No. 4S—Special, Hinge Model, Patent Leather Laced, Brown "Reaco" Calfskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist.....**$73.30**

Per Dozen

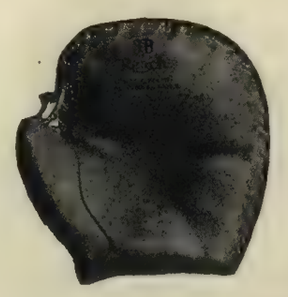
No. 4P—Special, Hinge Model, Patent Leather Laced, Black "Reaco" Calfskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap, Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist **$73.30**

Per Dozen

No. D—Professional, Hinge Model, Leather Laced all Around, Drab "Reaco" Buckskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist.....**$73.30**

Per Dozen

No. C—Professional, Hinge Model, Leather Laced all Around, Brown "Reaco" Calfskin, Hinged Asbestos Felt Hand Formed Pad, Adjustable Leather Strap Joining Thumb and Body, Forming a Deep Pocket, Strap and Buckle at Wrist..**$73.30**



Per Dozen

No. 3B—Leather Laced, New Hinged Thumb Model, Brown "Reaco" Calfskin, Fits Hand Like a Glove, Patent Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....**$73.30**

Per Dozen

No. BF—Special, Full Leather Laced, Brown "Reaco" Calfskin, Large Model, Well Padded in Heel, Patent Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....**$62.25**

One-twelfth Dozen in a Box.

First Basemen's Mitts.

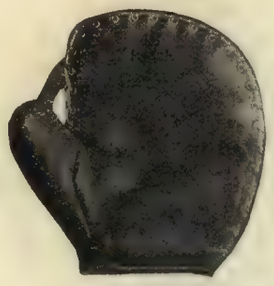
REACH

Per Dozen

No. 4L—Shutter, Hinge Model, Leather Laced all Around, Olive "Reaco" Calfskin, Brown Binding, Hinged Asbestos Felt Hand Formed Pad, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$56.00**

Per Dozen

No. 44—Special, Hinge Model, Leather Laced, Specially Tanned Olive "Reaco" Calfskin, All Ready for Use, Best Asbestos Felt Padding, Patent Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....**$53.30**



Per Dozen

No. 4B—Leather Laced, New Hinged Thumb Model, Dark Brown Calfskin Face, Brown Tan Leather Back, Red Leather Binding, Best Asbestos Felt Padding, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$44.50**

Per Dozen

No. 4R—Leather Laced, Selected Pearl Colored Calfskin of Just the Right Weight for a Mitt of this Character, Best Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....**$44.50**

Per Dozen

No. R—Grabber, Hinge Model, Leather Laced, Heavy Mouse Colored Calfskin Face, Buckskin Finish, Brown Tan Leather Back and Lining, Hinged Asbestos Felt Hand Formed Pad, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$36.65**

Per Dozen

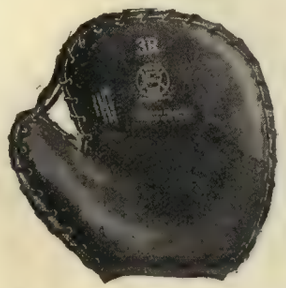
No. RN—Grabber, Hinge Model, Leather Laced, Black Calfskin Face, Black Tan Leather Back and Lining, Brown Binding, Hinged Asbestos Felt Hand Formed Pad, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist.....**$35.60**

Per Dozen

No. 2R—Leather Laced, Fine Brown Tan Leather, White Binding, Best Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$26.65**

Per Dozen

No. 2RN—Leather Laced, Fine Black Tan Leather, Wine Binding, Best Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, Strap and Buckle at Wrist **$26.65**



Per Dozen

No. 3R—Boys', Laced, Craven Tan Leather, White Binding, Asbestos Felt Padding, Laced Thumb, Inside Hump, Deep Pocket, with Lacer to Hold Mitt on Hand.....**$17.80**

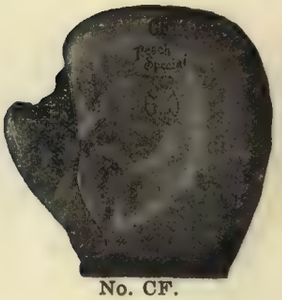
No. 3RN—Same Description as No. 3R, but Black Tan Leather **17.80**

One-twelfth Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 4L, 44, R, RN, 2R and 3R.

Fielders' Mitts.

REACH



No. CF.

Per Dozen

No. CF—Special, Hinge Thumb Model, Brown "Reaco" Calfskin, Welted, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist $53.30

No. 6F.

Per Dozen

No. 6F—Hinged Thumb Model, Olive "Reaco" Calfskin, Welted, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist $35.60

No. 8F.

Per Dozen

No. 8F—Hinge Thumb Model, Fine Brown Tan Leather, Welted, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist $26.65

No. 7F.

Per Dozen

No. 7F—Hinge Thumb Model, Fine Pearl Colored Leather, Best Asbestos Felt Padding, Patent Web Thumb, Deep Pocket, Strap and Buckle at Wrist $18.70

One-twelfth Dozen in a Box.

Per Dozen

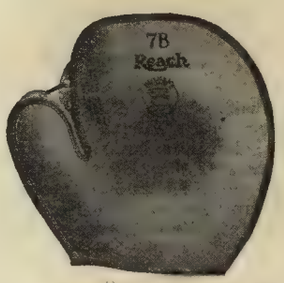
No. 7N—Fine Black Tan Leather, Best Felt Padding, Patent Laced Thumb, Deep Pocket, Strap and Buckle at Wrist. $17.80

One-twelfth Dozen in a Box.

Per Dozen

No. 7S—Combination Basemen's and Fielders' Model, Finest Brown Tan Leather, Well Padded, Patent Laced Thumb, Deep Pocket, Strap and Buckle at Wrist $13.35

One-quarter Dozen in a Box.



Per Dozen

No. 7B—Combination Basemen's and Fielders' Model, Pearl Colored Sheepskin, Perspiration Proof Lining, Well Padded Laced Thumb, Deep Pocket $8.90

One-quarter Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 8F, 7S and 7B.

Fielders' Gloves.

REACH AMBIDEXTROUS

Can be used on either Right or Left Hand. Are a necessity to every ball team, as they enable it to equip an extra player whether he is right or left handed.

Per Dozen

No. SC3—Olive "Reaco" Calfskin, Full Leather Lined, Padded with High Grade Felt 37.35
No. SC—Drab "Reaco" Buckskin, Full Leather Lined, Padded with High Grade Felt 37.35
No. SCN—Black "Reaco" Leather, Full Leather Lined, Padded with High Grade Felt 46.65
No. SCX—Craven Tan Leather, Full Leather Lined, Padded with High Grade Felt 28.00

One-twelfth Dozen in a Box.

Fielders' Gloves.

REACH

Per Dozen

No. GA—Professional, Graball Model, Specially Tanned "Reaco" Leather, King Patent Lacing and Adjustable Padding, Leather Lined and Welted Web Thumb.....**$86.70**

Per Dozen

No. BRG—Professional, Specially Tanned "Reaco" Leather, Leather Lined, Web Thumb, Requires no Breaking in **$71.15**

Per Dozen

No. BR—Professional, Finest Selected Drab "Reaco" Buckskin, Leather Lined, Medium Length Fingers, Medium Padding in Heel and Fingers, Light Padding in Center of Palm, Web Thumb **$69.25**

Per Dozen

No. G—Professional, Finest Selected Drab "Reaco" Buckskin, Leather Lined, Short Fingers, Extra Heavy Padding in Heel and Fingers, Medium Pattern in Center of Palm, Web Thumb.....**$69.25**

Per Dozen

No. W—Professional, Finest Selected Drab "Reaco" Buckskin, Leather Lined, Full Length Fingers, Lightly Padded Throughout, Web Thumb **$69.25**

Per Dozen

No. KG—Professional, Finest Selected Drab "Reaco" Buckskin, **King Patent Lacing,** Adjustable Padding, Web Thumb **$69.25**

Per Dozen

No. OBN—Special, Black "Reaco" Calfskin, Specially Made Felt Padding, Leather Lined, Web Thumb.....**$62.25**

Per Dozen

No. OBL—Special, Drab "Reaco" Buckskin, Specially Made Felt Padding, Leather Lined, Web Thumb.....**$62.25**

Per Dozen

No. 02—Special, Brown "Reaco" Calfskin, Highest Quality Felt Padding, Full Leather Lined, Black Welt and Binding, Heavy Padding in Heel and Little Finger, Web Thumb **$53.30**

No. 05.

Per Dozen

No. 05—Special, Mouse Colored Buckskin, King Patent Lacing, Adjustable Padding, White Welt and Binding, Web Thumb...**$56.00**

No. 01.

Per Dozen

No. 01—Special, Olive "Reaco" Calfskin, Highest Quality Felt Padding, Full Leather Lined, Brown Welt and Binding, Web Thumb...**$53.30**

One-twelfth Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. OBL, OBN, 05 and 01.

Fielders' Gloves.

REACH

Per Dozen

No. OB—Special, Drab "Reaco", Highest Quality Felt Padding, Felt Lined, Brown Welt and Binding, Extra Heavy Padding in Heel and Little Finger, Web Thumb. **$53.30**

Per Dozen

No. 03—Special, Selected Lightweight Black "Reaco" Calfskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb **$44.50**

Per Dozen

No. 00X—Special, Selected Lightweight Drab "Reaco" Buckskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb..... **$46.65**

Per Dozen

No. SWN—OB Model, Selected Black "Reaco" Leather, Best Felt Padding, Leather Lined, Red Welt and Binding, Inside Hump, Deep Pocket, Web Thumb, Large Model **$35.60**

Per Dozen

No. OBJ—Special Youths' Size, Drab "Reaco" Buckskin, Specially Made Felt Padding, Leather Lined, Extra Heavy Padding in Heel and Little Finger, Web Thumb. **$46.65**

Per Dozen

No. 00W—Special, OB Model, Selected Mouse Colored "Reaco" Buckskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb.. **$46.65**

Per Dozen

No. 04—Special, OB Model, Selected Pearl Colored "Reaco" Calfskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb..... **$46.65**

Per Dozen

No. 72—OB Model, Selected Brown "Reaco" Leather, Specially Tanned, Best Felt Padding, Full Leather Lined, Olive Welt and Binding, Inside Hump, Deep Pocket, Web Thumb..... **$35.60**

One-twelfth Dozen in a Box.

Per Dozen

No. 74—Special OB Model, Selected Alaska Horsehide, Black Welt and Binding, Rich Yellow Color, Full Leather Lined, Best Felt Padding, Welted, Patent Inside Hump, Deep Pocket, Web Thumb **$44.50**

Per Dozen

No. 0C—Special, Selected Brown "Reaco" Calfskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb..... **$46.65**

Per Dozen

No. SW—OB Model, Fine Drab Calfskin, Buckskin Finish, Best Felt Padding, Leather Lined, Brown Welt and Binding, Inside Hump, Deep Pocket, Web Thumb, Large Model **$35.60**

Per Dozen

No. 56—Selected Mouse Colored Buckskin, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb..... **$36.00**

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. OB, 74, 03, 00W, 04, SW, SWN, 56.

Fielders' Gloves.

REACH

Per Dozen

No. 58—OB Model, Selected Ecru "Reaco" Leather, Best Felt Padding, Full Leather Lined, Wine Welt and Binding, Inside Hump, Deep Pocket, Web Thumb.....**$35.60**

Per Dozen

No. 3GO—OB Model, Selected Olive Tan Leather, Best Felt Padding, Full Leather Lined, White Welt and Binding, Inside Hump, Deep Pocket, Web Thumb.....**$28.00**

Per Dozen

No. 3GN—Excellent Quality Black Tan Grain Leather, Best Felt Padding, Welted, and Leather Lined, Inside Hump, Deep Pocket, Web Thumb **$28.00**

Per Dozen

No. 2L—Specially Tanned Pearl Colored Grain Leather, Soft and Pliable, Best Felt Padding, Full Leather Lined, Black Welt and Binding, Inside Hump, Deep Pocket, Web Thumb **$28.00**

Per Dozen

No. 9G—OB Model, Fine Mouse Colored Leather, Best Felt Padding, Full Leather Lined, Welted, Inside Hump, Deep Pocket, Web Thumb..**$26.65**

Per Dozen

No. 70—Selected Brown Tan Leather, Best Felt Padding, Full Leather Lined, White Leather Welt and Binding, Inside Hump, Deep Pocket, Web Thumb **$26.65**

Per Dozen

No. 2N—Excellent Quality Black Tan Leather, Best Felt Padding, Leather Lined Palm, Welted, Inside Hump, Deep Pocket, Web Thumb.....**$22.70**

Per Dozen

No. 60—Finest Craven Tan Leather, Best Felt Padding, Full Leather Lined, Black Web and Binding, Inside Hump, Deep Pocket, Web Thumb **$24.00**

Per Dozen

No. 2G—OB Model, Finest Mouse Colored Leather, Best Felt Padding, Leather Lined Palm, Inside Hump, Deep Pocket, Web Thumb.....**$22.25**

Per Dozen

No. 59—OB Model, Good Quality Olive Tan Leather, Best Felt Padding, Leather Lined Palm, Welted, Inside Hump, Deep Pocket, Web Thumb **$17.80**

Per Dozen

No. 55—OB Model, Brown Tan Leather, Best Felt Padding, Full Leather Palm Lining, Wine Welt and Binding, Inside Hump, Deep Pocket, Web Thumb **$18.70**

Per Dozen

No. 52—OB Model, Finest Craven Tan Leather, Best Felt Padding, Full Leather Lined, White Binding, Inside Hump, Deep Pocket, Web Thumb **$18.70**

One-twelfth Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 58, 3GO, 3GN, 2L, 9G, 2N, 2G.

Fielders' Gloves.

REACH

Per Dozen

No. 10G—OB Model, Fine Brown Tan Leather, Best Felt Padding, Leather Lined Palm, Inside Hump, Deep Pocket, Web Thumb **$17.80**

One-twelfth Dozen in a Box.

Per Dozen

No. 10N—OB Model, Fine Black Tan Leather, Best Felt Padding, Leather Lined Palm, Inside Hump, Deep Pocket, Web Thumb **$17.80**

One-twelfth Dozen in a Box.

Per Dozen

No. 4G—Youth's Size, Drab Grain Leather, Full Leather Palm Lining, Welted, Good Felt Padding, Inside Hump, Deep Pocket, Web Thumb..**$17.80**

One-twelfth Dozen in a Box.

Per Dozen

No. 54—Brown Tan Leather, Good Felt Padding, Leather Lined, White Welt and Binding, Inside Hump, Deep Pocket, Web Thumb.....**$13.35**

One-quarter Dozen in a Box.

Per Dozen

No. 54N—Men's Size, Black Tan Leather, Good Felt Padding, Leather Palm Lining, Welted, Inside Hump, Deep Pocket, Web Thumb.....**$13.35**

One-quarter Dozen in a Box.

Per Dozen

No. 53—Men's Size, Olive Tan Leather, Good Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb.....**$13.35**

One-quarter Dozen in a Box.

Per Dozen

No. 18S—Men's Size, Pearl Colored Leather, Good Felt Padding, Leather Palm Lining, Welted, Inside Hump, Deep Pocket, Web Thumb.....**$9.50**

One-quarter Dozen in a Box.

Per Dozen

No. 18—Men's Size, Brown Tan Leather, Good Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb **$8.90**

One-quarter Dozen in a Box.

Per Dozen

No. 18N—Men's Size, Black Tan Leather, Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb **$8.90**

One-quarter Dozen in a Box.

Per Dozen

No. 24—Boys' Size, Brown Tan Leather, Good Felt Padding, Leather Palm Lining, Inside Hump, Deep Pocket, Web Thumb.**$4.50**

One-half Dozen in a Box.

Dolce.

Per Dozen

Dolce—A Preparation Recommended and Guaranteed to Soften and Keep in Good Condition any Kind of Leather Used in a Mitt or Glove, Put up in a Tube, Packed in Pasteboard Box.....**$1.80**

One Dozen in a Box.

NOTE—We Carry in Stock the Following Numbers in Right Hand: Nos. 10G, 10N, 53, 54N, 18 and 24.

Body Protectors.

REACH

Each

No. 6U—Umpire's Inflated Protector, Made of Good Material **$7.80**

Nothing on the market to compare with it at price.

Each

No. 15P—Umpire's Inflated Protector, Full Size, with Patented Shoulder Pads for Protection of Collar Bone, Guaranteed to Protect Wearer from the Hardest Blows and at the Same Time not Interfere with His Movements **$16.70**

Sullivan's—Army Khaki, Deer Hair Padded Reeds, Laced all Around the Edge, Enabling User to Adjust Pads, Extra Pad Over Shoulder, Protects Shoulder and Entire Body, Adjustable Straps

Each

No. SU—Umpires' **$15.00**

No. SP—Catchers' **15.00**

Each

No. 11P—Catcher's Inflated Protector, Extra Strong Tan Covering, Special Shoulder Padding and Special Body Strap **$16.70**

Each

No. 10P—Professional Model Full Size, Specially Designed, Pure Para Rubber Covered with Heavy White Duck, Silk Bound..... **$16.70**

Each

No. 6P—Special, Full Size, Best Rubber, Covered with Heavy White Duck **$10.60**

Each

No. 5P—Association, Full Size, Best Rubber, Covered with Olive Cloth **$12.00**

Each

No. 1P—Men's League, Full Size, Best Rubber, Gray Mixed Cloth Covering **$8.90**

No. 1AP—Men's Amateur, Full Size, Fine Rubber, Olive Cloth Covering **7.80**

Each

No. 2AP—Full Size, Good Rubber, Khaki Cloth Covering **$6.15**

No. 1BP—Youth's Size, Good Rubber, Khaki Cloth Covering **5.60**

These Protectors do not interfere with the movements of the wearer under any conditions.

Each

No. CP—Reach Patented, Heavy Canvas, Heavy Reeds to Break the Force of Blow, Laced in Back, Will Outwear the Inflated Protector and Prevent Injury to the One Using it **$4.80**

Each

No. 2P—Men's, Heavy Canvas, Heavy Reeds to Break the Force of Blow, Padded with Best Felt, a Thorough Protection for the Catcher **$2.50**

Each

No. 3P—Boys', Heavy Canvas, Padded with Best Felt, a Thorough Protection for the Catcher.. **$1.70**

One in a Box.

Catchers' Masks.

REACH

Per Dozen

No. 6W—Spitter, Double Frame, Extra Strong Double Wire Throughout, Gun Metal Enameled, Full Length Pads, Extra Padded, Used by Leading Professional Catchers **$113.25**

Per Dozen

No. SL—Spitter, Extra Heavy Wire, Gun Metal Enameled, Strong Brazed Joints, Patented Full Length Pads, with Special Pad for Head and Chin **$93.25**

No. WS.

Per Dozen

No. WS—Wide Sight, Highest Grade Material, Special Heavy Wire, Black Finish, Specially Braced and so Constructed that it will not Knock Out of Shape, Full Length Pads, **with Sun Shade** **$106.75**

No. 0E—Same as No. WS, but **without Sun Shade**..... **88.90**

No. 4U.

Per Dozen

No. 4U—Umpires', Extra Heavy Steel Wires, Gun Metal Enameled, Specially Braced, Well Padded, Green Transparent **Sun Shade,** Special Hinged Ear Protector and **Neck Protector** **$93.35**

No. 3U—Same Style as No. 4U, **without Neck Protector**... **80.00**

Per Dozen

No. 00—Sun Protecting, Extra Heavy Steel Wire, Gun Metal Enameled, Molded Leather Chin Strap, Special Elastic Head Bands, Leather Sun Shade, Protecting the Eyes, without Obstructing the View..... **$76.00**

Per Dozen

No. 400—Wide Sight, Extra Strong Black Wire, Patented Full Length Pads, Special Pad for Ear and Chin **$71.15**

No. 10S.

Per Dozen

No. 10S—Neck Protecting, Extra Heavy Steel Wire, Gun Metal Enameled, Special Hair Filled Pads, Special Elastic Head Band, **with Green Transparent Sun Shade** **$71.15**

No. 0S—Same Description as No. 10S, but **without Sun Shade** **62.25**

No. 20S.

Per Dozen

No. 20S—Special, Extra Heavy Steel Wire, Gun Metal Enameled, Strongly Put Together, Well Finished, Special Hair Filled Pads, Special Elastic Head Band, **with Green Transparent Sun Shade** **$56.00**

No. 1S—Same Description as No. 20S, but **without Sun Shade. 44.50**

No. 2S.

Per Dozen

No. 30S—Association, Heavy Steel Wire, Gun Metal Enameled, Strongly Put Together, Well Finished, Special Hair Filled Pads, Elastic Head Band, **with Green Transparent Sun Shade**.... **$46.65**

No. 2S—Same Description as No. 30S, but **without Sun Shade** **35.60**

Open Stock.

Catchers' Masks.

REACH

Per Dozen

No. 40S—Regulation, Heavy Steel Wire, Black Enameled, Extra Strong, Well Padded, Special Elastic Head Band, **Special Green Transparent Sun Shade....$36.70**

Per Dozen

No. 25S—Regulation, Heavy Steel Wire, Bright Finish, Extra Strong, Well Padded.**$26.65**

No. XX—Amateur, Bright Steel Wire, Well Padded, Strongly Constructed..... **17.80**

Per Dozen

No. 50S—Amateur, Full Size, Steel Wire, Black Enameled, Well Padded, Strongly Constructed, Special Elastic Head Band, **Green Transparent Eye Shade...$28.00**

No. 60S—Amateur, Boys' Size, Same Description as No. 50S **26.65**

No. XS.

No. 3M.

Per Dozen

No. XS—Amateur, Boy's Size, Bright Steel Wire, Well Padded, Strongly Constructed, Special Elastic Head Band.....**$17.80**

No. 3M—Amateur, Men's, Heavy Bright Steel Wire, Well Padded and Finished, without Head or Chin Piece **13.35**

No. CM.

No. DM.

Per Dozen

No. CM—Youths', Heavy Black Wire, Well Padded, without Head or Chin Piece.....**$8.90**

No. DM—Youths', Light Wire, Well Padded, without Head or Chin Piece..... **4.50**

Catchers' Leg Guard.

No. LG.

For Catchers' or Umpires' Use.

Moulded Leather Knee Guard, with Joints Below the Knee, so that Catcher may move freely. The Material in Shin Part will turn the sharpest Spikes. Strong Leather Ankle Protector, Reinforced with Felt Padding.

Per Pair

No. LG.....**$8.35**

No. CG..... **8.35**

No. CG.

Shoe Toe Plates.

REACH

Per Dozen Pairs

No. 1T—Special, Extra Quality Steel, Hand Forged, Specially Tempered and Sharpened, Beveled Edges **$8.90**

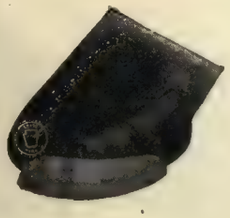
No. 2T—League, Best Quality Steel, Specially Sharpened Points.... **4.50**

No. 6T—Amateur, Good Quality Steel, Sharpened **1.70**

One Dozen Pairs in a Box.

Pitchers' Toe Plates.

REACH



Aluminum.

Per Dozen

No. 5T—Right or Left.....**$4.50**

Worn on the toe and affords a thorough protection to the shoe.

Shoe Heel Plates.

REACH

Per Dozen Pairs

No. 1H—Special, Extra Quality Steel, Hand Forged, Specially Tempered and Sharpened, Beveled Edges **$8.90**

No. 2H—League, Best Quality Steel, Specially Sharpened Points.... **4.50**

No. 6H—Amateur, Good Quality Steel, Sharpened **1.70**

One Dozen Pairs in a Box.

Pitchers' Box Plates.

REACH

Complete with Pins.

	Each
No. PR—Best White Rubber	$7.80
No. PC—White Composition	6.15
No. PS—Steel, White Enameled	4.50

Made According to League Regulations.

Reach Home Plates.

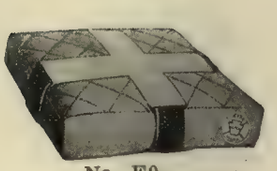
REACH

New Style, Complete with Pins.

	Each
No. HR—Best White Rubber	$7.80
No. HC—White Composition	6.15
No. HS—Steel, White Enameled	4.50

Made According to League Regulations.

Reach Bases.



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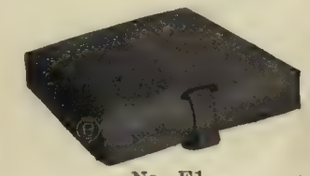

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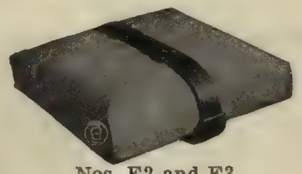


Nos. E2 and E3.

No. E4.

	Per Set of 3
No. E0—**Special League,** Filled, Very Heavy Quilted Canvas, Fitted with Two Extra Strong Canvas Straps and Three Extra Heavy 14 in. Special Spikes	$13.35
No. E1—**League,** Extra Heavy Double White Canvas, Well Stuffed and Quilted, Extra Strong Straps, Complete with Spikes and Straps	10.00
No. E2—**Professional,** Extra Heavy White Canvas, Well Stuffed, Extra Strong Straps, Complete with Spikes and Straps	$8.35
No. E3—**Amateur,** Heavy White Canvas, Well Stuffed, Strong Straps, Complete with Spikes and Straps	6.15
No. E4—**Special,** Canvas, Not Stuffed, to be Filled with Sand or Hay, Can be Emptied After the Game	1.70

Three Bases to a Set.

Reach Score Books.

HARRY WRIGHT SYSTEM

Pocket Size.

	Each
No. 1-SB—Paper Cover, 7 Games	$0.15
No. 2-SB—Cloth Cover, 22 Games	.35
No. 3-SB—Cloth Cover, 50 Games	.70
No. 8-SB—Leather Cover, 100 Games	1.60

Club Size.

	Each
No. 4-SB—Cloth Cover, 30 Games	$1.15
No. 5-SB—Cloth Cover, 60 Games	1.90
No. 6-SB—Cloth Cover, 90 Games	2.25
No. 7-SB—Cloth Cover, 120 Games	3.00

Reach Publications.

Each

Reach's Base Ball Guide Contains Everything You Want to Know About Base Ball $0.16

Each

Reach's Art of Curve Pitching Illustrates the Various Curves and Explains the True Philosophy of the Art of Curve Pitching, Also Gives Full and Explicit Directions How to Puzzle a Batsman $0.23

Each

Reach's Art of Batting Contains Useful Hints for Acquiring a Scientific Knowledge of the Art $0.23

Each

Reach's Base Ball Percentage Book $0.16

Umpire Indicators.

REACH

Per Dozen

Celluloid, for the Use of Base Ball Umpires and Scorers, to Keep Tally of the Number of Strikes and Balls that May be Called $8.90

Scoring Tablets.

REACH

Per Dozen

Celluloid, a Simple, Convenient and Accurate Device for the Record of Runs and Outs, Can be Carried in the Vest Pocket $4.50

Boxing Gloves.

REACH

Per Dozen Sets

No. A—Boys', Wine Tan Leather, Brown Canvas Palms, Well Stuffed with Hair, Patent Laced Wrist, Palm Grip **$26.65**

Per Dozen Sets

No. AL—Boys', Olive Tan Leather, Brown Tan Palms, Well Stuffed with Hair, Laced Wrist, Palm Grip.....**$28.00**

Per Dozen Sets

No. AC—Boys', Corbett Pattern, Fine Wine Tan Leather, Black Tan Palms, Well Stuffed with Hair, Patent Laced Wrist, Adjustable Palm Grip **$45.30**

Per Dozen Sets

No. 2—Men's, All Wine Tan Leather, Well Stuffed with Hair, Palm Grip, Laced Wrist **$36.00**

Per Dozen Sets

No. D—Men's, 8 Oz., Corbett Pattern, Fine Wine Tan Leather, Brown Tan Palms and Cuffs, Well Stuffed with Hair, Palm Grip, Patented Full Laced Wrist.....**$44.45**

Per Dozen Sets

No. DX—Men's, 8 Oz., Corbett Pattern, Fine Brown Tan Leather, Olive Tan Palms, Well Stuffed with Hair, Palm Grip, Patented Full Laced Wrist **$46.65**

Per Dozen Sets

No. 3—Men's, 8 Oz., Corbett Pattern, Fine Brown Tan Leather, Wine Tan Palms, Padded Cuffs, Filled with Good Quality Curled Hair, Palm Grip, Patent Laced Wrist **$53.30**

Per Dozen Sets

No. 3X—Men's, 8 Oz., Corbett Pattern, Fine Olive Tan Leather, Padded Cuffs, Filled with Good Quality Curled Hair, Patent Laced Wrist **$53.30**

Per Dozen Sets

No. 50—Men's, 8 Oz., Corbett Pattern, Fine Olive Tan Kid, Wine Tan Palms, Olive Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Olive Adjustable Palm Grip **$63.95**

Per Dozen Sets

No. 51—Men's, 8 Oz., Corbett Pattern, Fine Olive Tan Napa Kid, Olive Tan Palms, Black Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Black Adjustable Palm Grip **$62.20**

Per Dozen Sets

No. 45—Men's, 8 Oz., Corbett Pattern, Wine Tan Kid, Olive Tan Palms, Wine Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Wine Leather Adjustable Palm Grip.....**$73.30**

Per Dozen Sets

No. 44—Men's, 8 Oz., Corbett Pattern, Fine Wine Tan Kid, Black Tan Palms, Black Padded Cuffs, Patent Perspiration Proof Lining, Filled with Good Quality Curled Hair, Patent Laced Wrist, Wine Leather Adjustable Palm Grip.....**$71.05**

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Boxing Gloves.

REACH

Per Dozen Sets

No. 4A—Men's, 8 Oz., Corbett Pattern, Finest Olive Napa Tan Leather, Olive Napa Tan Palms, Wine Padded Cuff, Filled with Fine Quality Curled Hair, Patent Perspiration Proof Lining, Wine Leather Patent Adjustable Palm Grip, Patent Laced Wrist **$80.00**

Per Dozen Sets

No. 6—Men's, 8 Oz., Corbett Pattern, Finest Olive Napa Tan Leather, Brown Tan Palms, Filled with Fine Quality Curled Hair, Olive Padded Cuffs, Patent Perspiration Proof Lining, Olive Leather Patent Adjustable Palm Grip, Patent Laced Wrist **$93.25**

Per Dozen Sets

No. 7—Men's, 8 Oz., Corbett Pattern, Finest Black Tan Leather, Trimmed with White Leather, Filled with Fine Quality Curled Hair, Patent Perspiration Proof Lining, White Palm Grip, Padded Cuffs, Patent Laced Wrist **$88.80**

Per Dozen Sets

No. 90—Men's, 8 Oz., Corbett Pattern, Finest Quality Brown Colored Kid, Olive Palm, Filled with Best Quality Curled Hair, Brown Kid Padded Cuffs, Patent Perspiration Proof Lining, Patent Adjustable Oxblood Palm Grip, Patent Laced Wrist **$93.25**

Per Dozen Sets

No. 95—Men's, 8 Oz., Corbett Pattern, Finest Quality Craven Tan Kid, Filled with Best Quality Curled Hair, Olive Padded Cuffs, Patent Perspiration Proof Lining, Olive Patent Adjustable Palm Grip, Patent Laced Wrist **$106.60**

Per Dozen Sets

No. 98—Men's, 8 Oz., California Pattern, Finest Quality Olive Napa Kid, Filled with Best Quality Curled Hair, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Padded Cuffs, Side Pads and Patent Laced Wrist **$106.60**

No. 96.

No. 99.

Per Dozen Sets

No. 96—Men's, 8 Oz., Corbett Pattern, Finest Quality Dark Brown Tan Kid, Filled with Best Quality Curled Hair, Padded Cuffs, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist, **New Patent Safety Device** **$124.35**

No. 99—Instructors', 10 Oz., Corbett Pattern, Finest Brown Tan Kid, Filled with Superior Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, New Patent Laced Wrist, Patent Perspiration Proof Lining, All Parts Made Extra Strong **106.60**

No. 94—Instructors', Corbett Pattern, Finest Quality Brown Tan Leather, Filled with a Special Material which is Light and Cannot Hurt the One Being Struck, Padded Cuffs, Patent Perspiration Proof Lining, Patent Palm Grip, Patent Laced Wrist **124.35**

No. 94.

No. 120.

No. 158.

Per Dozen Sets

No. 120—Instructors' and Pupils', Corbett Pattern, Finest Brown Tan Leather, Extra Padding at Wrist and Forearm, Filled with Superior Curled Hair, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist. **$133.20**

No. 158—Men's, 8 Oz., Corbett Pattern, Finest Quality Green Napa Kid, Filled with Finest Quality Curled Hair, Padded Cuffs, Side Pads, Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist, All Parts Made Extra Strong.. **133.20**

No. 10—The Corbett, Finest Imported Glove Kid, Filled with Superior Curled Hair, **Padded Cuffs,** Patent Perspiration Proof Lining, Patent Adjustable Palm Grip, Patent Laced Wrist.

Weight, Oz	5	6	8
Per Dozen Sets.....	$142.10	142.10	142.10

No. 10.

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Fighting Gloves.

REACH

Per Dozen Sets

No. 97—5 Oz., Fighting Pattern, Finest Chocolate Colored Kid, Filled with Superior Quality Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist **$93.25**

Per Dozen Sets

No. 85—5 Oz., Fighting Pattern, Fine Olive Napa Tan Kid, Filled with Best Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist... **$71.05**

Per Dozen Sets

No. 80—5 Oz., Fighting Pattern, Fine Wine Tan Leather, Filled with Best Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist... **$66.60**

No. 86—6 Oz., Fighting Pattern, Otherwise Same Description as No. 80 ..... **71.05**

Fighting Gloves.

REACH

No. 84.

Per Dozen Sets

No. 84—5 Oz., Fighting Pattern, Fine Wine Tan Leather, Brown Tan Leather Palms, Filled with Best Curled Hair, Padded Cuffs, Patent Adjustable Palm Grip, Patent Perspiration Proof Lining, Patent Laced Wrist..... **$53.30**

No. EP.

Ear Protectors.

REACH

Per Dozen

No. EP—Ear Protectors, for Boxers **$26.65**

Designed for use by a Boxer in training to prevent receiving a tin or cauliflower ear or to save from injury one already afflicted this way.

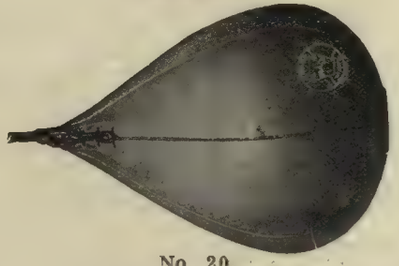
A tin or cauliflower ear is brought about by the breaking of small bones or cartileges, causing the ear to assume a swollen appearance and to become very painful.

Striking Bags.

REACH

SWINGING

Nos. 40, 35, 30, 18, 15 and 13.



No. 20.

Nos. 5, 6 and 06.

		Per Dozen
No. 0	**—Boys' Size,** Brown Tan Leather.....	**$26.65**
No. 00	**—Duo-Tone, Boys' Size,** Brown and Wine Tan Leather, Alternating Sections.....	**28.00**
No. 3½	**—Boys' Size,** Olive Leather, Stayed Seams...	**36.00**
No. 4	**—Men's Size,** Fine Black Tan Leather, Red Welt	**44.40**
No. 4½	**—Regulation Size,** Pear Shape, Fine Wine Tan Leather, Welted and Stayed Seams.....	**53.30**
No. 5	**—Duo-Tone, Regulation Size,** Pear Shape, Fine Brown and Black Tan Leathers, Alternating Sections, Hand Welted Seams.....	**53.30**
No. 10	**—Regulation Size,** Pear Shape, Finest Ox Blood Leather, Welted and Stayed Seams..	**62.20**
No. 12	**—Regulation Size,** Pear Shape, Finest Olive Tan Leather, Welted and Stayed Seams...	**71.05**
No. 6	**—Duo-Tone, Regulation Size,** Finest Selected Olive Tan and Ox Blood Leathers, Alternating Sections, Hand Welted Seams.....	**71.05**
No. 13	**—Regulation Size,** Pear Shape, Finest Brown Tan Leather, White Hand Welted Seams..	**80.00**

Per Dozen

No. 15—Regulation Size, Pear Shape, Finest Selected Craven Tan Leather, Hand Welted Seams, New Model **$88.80**

No. 16—Gymnasium, Regulation Size, Finest Brown Grain Calfskin, Welted and Stayed Seams... **93.25**

No. 18—Regulation Size, Pear Shape, Fine Ecru Calf, Hand Welted Seams, Extra Strong, New Model **106.60**

No. 30—The Corbett, Regulation Size, Pear Shape, Finest California Napa Tan Leather, Hand Welted Seams, Guaranteed in Every Particular, New Model **106.60**

No. 35—Special, Professional Size, Pear Shape, Finest Black Kangaroo Leather, Hand Welted Seams, Extra Strong, Yet Light in Weight, New Model **124.35**

No. 20—Gymnasium, Regulation Size, Pear Shape, Finest Selected French Calfskin, Hand Welted Seams, New Model..... **124.35**

No. 40—Professional, Pear Shape, Highest Quality Brown Mocha Kid, Special Tanned, Hand Welted Seams, Weight with Bladder 8 Oz., New Model **142.10**

Average Weight Per Dozen About 12 Pounds.

All Above Bags are Put up Complete with Pure Para Rubber Bladder, Suspending Cord and Lace.

We Can Furnish Reach Catalogs Containing Resale Prices on the Above Items.

Striking Bags.

Nos. 0D, 2D, 3½D, 4D.

REACH

DOUBLE END

		Per Dozen
No. 0D	—Boys' Size, Craven Tan Leather, Olive Tan Trimmings	$29.30
No. 2D	—Boys' Size, Brown Tan Leather, Olive Trimmings, Stayed Seams	36.00
No. 3½D	—Boys' Size, Olive Tanned Leather, Welted and Stayed Seams	44.40
No. 4D	—Black Tan Leather, Red, Welted and Stayed Seams, Cherry Red Trimmed	53.30
No. 4½D	—Regulation Size, Fine Wine Tan Leather, Brown Trimmings, Welted and Stayed Seams	62.20
No. 10D	—Regulation Size, Finest Ox Blood Leather, Welted and Stayed Seams, Patented Fixture at Bottom	71.05
No. 12D	—Regulation Size, Finest Olive Tan Leather, Welted and Stayed Seams, Patented Fixture at Bottom	80.00

Nos. 10D to 30D.

Per Dozen

No. 28D—Regulation Size, Finest Pearl Colored Leather, Hand Welted and Stayed Seams, Patented Fixture at Bottom..$88.80

No. 30D—The Corbett, Regulation Size, Finest California Napa Tan Leather, Hand Welted and Stayed Seams, Patented Fixture at Bottom 106.60

Average Weight Per Dozen About 12 Pounds.

All Double End Bags are Put up Complete with Pure Para Rubber Bladder; Rubber Cord for Floor, Suspending Cord for Ceiling and Screw Eyes.

Striking Bag Gloves.

REACH

No. 1.

No. 2.

No. 4.

No. 6.

No. 5.

Per Dozen Pairs

No. 1—Corbett, Finest Imported French Glove Kid, Padded with Best Felt $35.55

No. 2—Finest California Green Napa Kid, Padded with Best Felt 26.65

No. 4—Finest Brown Tan Leather, Padded with Best Felt..... 17.75

No. 6—Fine Olive Tan Leather, Padded with Best Felt..... 13.35

No. 5—Finest Brown Tan Kid, Padded with Best Felt..... 8.90

Average Weight Per Dozen Pairs About 4 Pounds.

Striking Bag Swivels.

No. 335.

Per Dozen

No. 335—Plain, Japanned $4.45

No. 309—Ball Bearing, Nickel Plated on Copper, Handsomely Ornamented 8.90

Weight Per Dozen About 5 Pounds.

No. 309.

No. 337.

Per Dozen

No. 337 — Professional, Detachable Ball Bearing, Nickel Plated on Copper, Handsomely Ornamented, Weight Per Dozen About 7½ Lbs. $13.35

No. 10X.

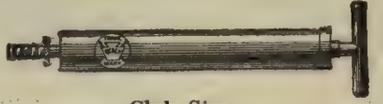
No. 10X—Hart, Nickel Plated, Can be Used in Three Position, Ceiling, Wall and Floor, Weight Per Dozen About 4 Lbs..... 18.65

Reach Inflators.

Pocket Size. Per Dozen

No. 1—Diameter ⅞ in., Extreme Length 7¼ in., Brass, Nickel Plated $4.00

Weight Per Dozen About 2½ Pounds.



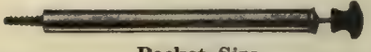
Club Size. Per Dozen

No. 2—Diameter 1½ in., Extreme Length 13½ in., Brass, Nickel Plated $9.35

Weight Per Dozen About 7½ Pounds.

For Foot Balls, Striking Bags, Basket Balls, Etc.

Reach Inflators.



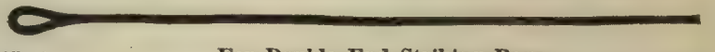
Pocket Size. Per Dozen

No. 1R—Nickel Plated $6.10

For Foot Balls, Striking Bags, Basket Balls, Etc.

Weight Per Dozen About 2 Pounds.

Rubber Elastic Cords.



For Double End Striking Bags.

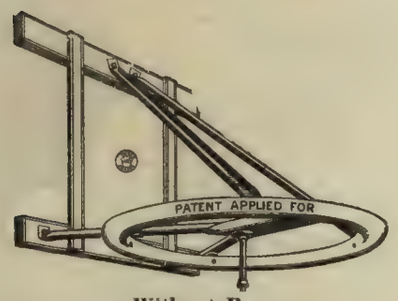
Per Dozen

No. 16—Heavy Weight, Loop End, Length 3 ft..... $4.45

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Striking Bag Platforms.

REACH



Without Bag.

Each

No. 1—Pressed Steel, Finely Enameled.....**$11.10**

This Pressed Steel Platform or Disk has an entirely New Frame Construction, will not rattle or get out of order. It is strong, light, compact, finely finished and noiseless. Can be readily attached to any wall.

Weight Each About 12 Pounds.

Without Bag.

Each

No. 1A—Cast Steel, Strongly Constructed, Adjustable..**$14.45**

A splendid Platform for Home or Gymnasium Use. A slight turn of a wrench loosens or tightens the adjustment and permits the raising or lowering of Platform to suit the individual taste of the user.

Weight Each About 15 Pounds.

LIGHTNING

Attached to Side Wall.

Attached to Ceiling.

LIGHTNING

Without Bag.

Made of Clear Indiana White Oak, Natural Oil Finish, Hard Maple Rim, Attached to Frame by Means of Strong Metal Stirrups, 1 in. Rubber Cushions Between Frame and Stirrups to Absorb the Shock and Deaden the Noise, Can be Quickly Attached to Any Wall or Ceiling and is Absolutely Rigid in Position.

Each

Lightning—All Metal Parts, Japanned.....**$4.45**

Weight Each About 8 Pounds.

RACINE

Without Bag.

Selected Hardwood, Neatly Finished, Securely Bolted, Maple Rim, Oil Finished, Four Crucible Steel Compressed Springs Between Rim and Frame, Acting as Cushions and Absorbing All Vibration, Metal Swivel, Adjustable Bag Rope. Platform Can be Easily Adjusted to a Wall or Ceiling and is Very Rigid when in Position for Use.

Each

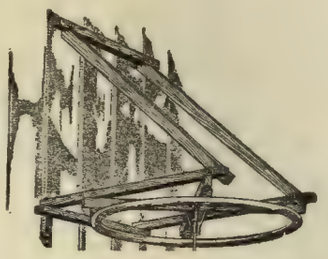
No. 10—All Metal Parts Nickel Plated, Mahogany or Mission Finish **$8.00**

No. 11—Nickel Plated Swivel and Springs, Plain Natural Wood Finish **6.70**

No. 12—Japanned Swivel and Springs, Plain Natural Wood Finish **6.00**

Weight Each About 8 Pounds.

RACINE

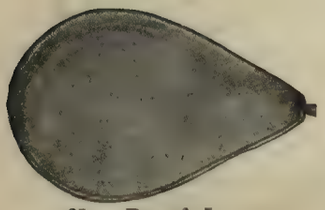


Attached to Side Wall.

Attached to Ceiling.

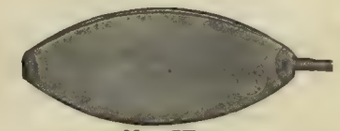
Striking Bag Bladders.

REACH

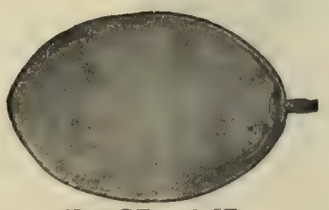


Nos. B and 5.

No. 7.



No. 7T.



Nos. BT and 5T.

Pure Para Rubber, Thoroughly Tested.

Per Dozen

No. 7—For Single End Bags Nos. 16, 18, 20, 30, 35 and 40 .....**$17.75**

No. 5—For Single End Bags Nos. 4, 4½, 5, 6, 10, 12, 13 and 15 ..... **14.65**

No. B—For Single End Bags Nos. 0, 00 and 3½..... **12.00**

Per Dozen

No. 7T—For Double End Bags Nos. 28D and 30D.....**$17.75**

No. 5T—For Double End Bags Nos. 4D, 4½D, 10D and 12D **14.65**

No. BT—For Double End Bags Nos. 0D, 2D and 3½D. **12.00**

BUCKSKIN, SEAMLESS

Per Dozen

No. 1—Medium Size, Pear Shape, Top Stem.....**$13.35**

No. 2—Large Size, Pear Shape, Top Stem..... **15.54**

Per Dozen

No. 11—Medium Size, Pear Shape, Side Stem..... **$13.35**

No. 22—Large Size, Pear Shape, Side Stem..... **15.54**

Average Weight Per Dozen 1½ Pounds.

We can furnish Reach Catalogs containing the Resale Prices on the above items.

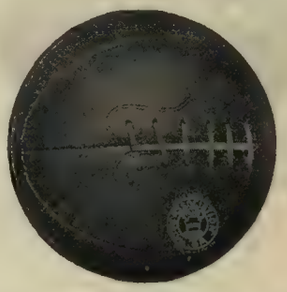
Soccer Foot Balls

REACH

Per Dozen

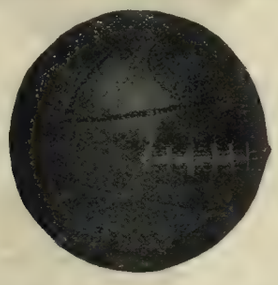
No. G—Official Gaelic, Selected Tuf-Ide Leather, in Eight Sections, Complete with Extra Heavy Pure Para Rubber Bladder, Lacing Needle and Leather Lace, Guaranteed Perfect Shape **$106.60**

No. E5A—Official Soccer, Selected Tuf-Ide Pebbled Grain Leather, Otherwise Same as No. G.. **100.00**



Per Dozen

No. 5A—Match Association, Fine Pebble Grain Cowhide Leather, in Eight Sections, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace..... **$75.95**



Per Dozen

No. 5B—Soccer, Pebble Grain American Cowhide Leather, New Soccer Pattern, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$63.95**

Per Dozen

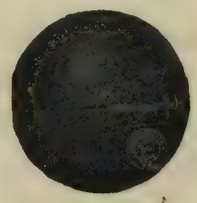
No. 5D—The Association, Heavy Pebble Grain Leather, in Eight Sections, Extra Strong, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace..... **$44.40**

Per Dozen

No. 5X—Amateur, Finest Pebble Grain Sheepskin Leather, in Eight Sections, Regulation Size, Canvas Lined, Complete with Rubber Bladder and Lace..... **$36.00**

Per Dozen

No. 50X—Youths' Association, Fine Brown Grain Sheepskin Leather, Regulation Size, Canvas Lined, Button Ends, Complete with Rubber Bladder and Lace..... **$28.00**



Per Dozen

No. XA—Boys', Brown Tanned Leather, Canvas Lined, Button Ends, Complete with Rubber Bladder and Lace.. **$18.65**

Rugby Foot Balls

Per Dozen

No. E5—Official Varsity, Special Tuf-Ide Pebble Grain Leather, Tanned Expressly for this Ball, Only the Very Best Selection of this Leather is Used Insuring a Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$96.60**

Per Dozen

No. 5—Inter-Collegiate, Selected Pebble Grain Cowhide Leather, Perfect Shape, Perfectly Symmetrical, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace..... **$73.30**

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Rugby Foot Balls.

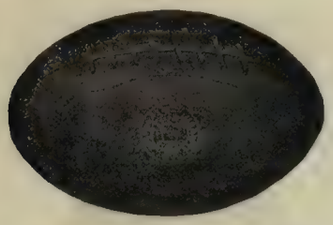
REACH

Per Dozen

No. 5R—Rugby Match, Superior Pebble Grain Cowhide Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Regulation Size, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$62.20**

Per Dozen

No. 5C—Academic Rugby, Fine Pebble Grain Cowhide Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Regulation Size, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$55.95**

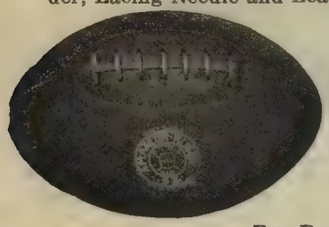


Per Dozen

No. 5F—Scholastic Rugby, American Pebble Grain Cowhide Leather, Canvas Lined, Regulation Size, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace..... **$46.65**

Per Dozen

No. 5H—Special Rugby, Selected Pebble Grain Leather, Lined with Best Canvas, Guaranteed Perfect Shape, Regulation Size, Complete with Pure Para Rubber Bladder and Leather Lace..... **$35.55**



Per Dozen

No. 5S—Amateur Rugby, Finest Pebble Grain Leather, Canvas Lined, Regulation Size, Guaranteed to Hold Their Shape, Complete with Rubber Bladder and Lace..... **$28.00**

Per Dozen

No. 5M—Practice Rugby, Fine Brown Pebble Grain Leather, Canvas Lined, Guaranteed to Hold Their Shape, Complete with Rubber Bladder and Lace..... **$22.65**

Per Dozen

No. 50—Youths' Rugby, Fine Brown Grain Leather, Canvas Lined, Guaranteed to Hold its Shape, Complete with Rubber Bladder and Lace **$17.80**

Foot Ball Bladders.

REACH RUGBY

Nos. E5 and 5R.

Nos. 5S and 50.

REACH ASSOCIATION

Nos. OA and E5A.

Nos. 5X and CA.

Pure Para Rubber, Thoroughly Tested.

Per Dozen

No. E5—Four Piece, for Rugby Foot Balls No. E5...**$17.80**
No. 5R—Four Piece, for Rugby Foot Balls Nos. 5, 5R and 5C **14.65**
No. 5-S—Two Piece, for Rugby Foot Balls Nos. 5F, 5H, 5S and 5M **12.00**
No. 50—Two Piece, for Rugby Foot Balls No. 50.... **8.90**

Per Dozen

No. 0A —Four Piece, for Association Foot Balls No. G..**$17.80**
No. E5A—Four Piece, for Association Foot Balls, Nos. E5A and 5A..... **14.65**
No. 5X —Two Piece, for Association Foot Balls Nos. 5B, 5D, 5X and 50X..... **12.00**
No. CA —Two Piece, for Association Foot Balls No. XA **8.90**

All Bladders used in Reach Striking Bags, Foot Balls, Basket Balls and Volley Balls made of Pure Para Rubber are Guaranteed. These will be replaced within reasonable time unless there is a Puncture within 2 inches of the Stem, which indicates carelessness in lacing.

BUCKSKIN, SEAMLESS FOOT BALL BLADDERS

	Small	Medium	Large
Nos.	1	2	3
Per Dozen	$12.25	13.35	15.55

Foot Ball Guides.

Each

Foot Ball Guides **$0.25**

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Head Harness and Helmets.

REACH

HEAD HELMETS

Per Dozen

No. 0M—Fine Black Grain Leather, Lined with the Best White Felt, Leather Sweat Band, Moulded to Fit Head, Perforated for Ventilation, Adjustable Chin Strap, Made Long in the Back to Protect the Base of the Brain, Made in Sizes 7, 7⅛, 7¼, 7⅜ and 7½, Used by All Big Colleges **$71.05**

Per Dozen

No. B0—Finest Black Grain Leather, Lined with Best White Felt, Well Ventilated, Adjustable Chin Strap and Head Band, Will Fit Any Size Head, Extra Long in Back to Protect Base of Brain, Endorsed by the Leading Universities and Colleges..... **$62.20**

Per Dozen

No. 0—Finest Brown Grain Leathar, Lined with the Best White Felt, Extra Strong, Well Ventilated, Long in the Back, Adjustable so that it Will Fit Any Size Head..... **$53.30**

HEAD HELMET

Per Dozen

No. 1H—Black Grain Leather, Thoroughly Padded with White Wool Felt, Lined with White Drill, Made Extra Long in the Back and has an Elastic to go Under the Chin, Sizes 7, 7⅛, 7¼, 7⅜ and 7½ **$46.65**

HEAD HARNESS

Per Dozen

No. 1—Fine Black Grain Strap Leather, Lined with Best White Felt, Well Ventilated, Made Extra Long in the Back, Adjustable to Any Size Head **$35.55**

HEAD HELMET

Per Dozen

No. 2—Black Grain Leather and Moleskin, Thoroughly Padded with White Wool Felt, Made Extra Long in the Back with Elastic to go Under the Chin, Sizes 7, 7⅛, 7¼, 7⅜ and 7½ **$37.30**

When Ordering Nos. 0M, 1H or 2, Mention Size Wanted.

HEAD HELMET

Per Dozen

No. 3—Brown Leather, Lined with White Felt, Made Extra Long in the Back, Adjustable to Any Size Head..... **$26.65**

HEAD HARNESS

Per Dozen

No. 4—Fine Grain Leather, Padded with White Felt, Made Extra Long in the Back, Elastic to go Under Chin, Adjustable to Any Size Head..... **$26.65**

HEAD HARNESS

Per Dozen

No. 5—Black Tan Leather, Well Padded with Grey Felt, Thoroughly Ventilated, Adjustable to Any Size Head..... **$18.65**

Nose Masks.

MORRILL'S

Nos. 0 to 1.

Finest Rubber, no Wire or Metal Used in its Construction.

Per Dozen

No. 0—Men's Size, Adjustable Mouth Piece **$8.90**

No. 0B—Boys' Size, Adjustable Mouth Piece **8.90**

No. 1—Men's Size, Solid Mouth Piece **7.80**

Rubber Mouth Pieces.

REACH

Per Dozen

No. A0—Mouth Pieces, for No. 0 Nose Masks **$4.45**

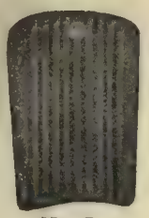
No. AB—Mouth Pieces, for No. 0B Nose Masks **4.45**

Shin Guards.

REACH

Nos. 1, 2, 3, 4, 5, 6.

	Per Dozen Pairs
No. 1—Inter-Collegiate, Men's Size, Black Grain Leather, Leatherette Bound, Cane Ribs, Leather Straps, Well Padded	$26.65
No. 2—Men's Size, Brown Tan Leather, Cane Ribs, Leather Straps, Well Padded and Bound	22.65
No. 3—Men's Size, Fine Moleskin, Cane Ribs, Leather Straps, Well Padded and Bound	17.80
No. 4—Men's Size, Pebble Grain Leather, Cane Ribs, Leather Straps, Well Padded	17.80
No. 5—Men's Size, Black Leatherette, Cane Ribs, Strong Straps, Well Padded and Bound	13.35
No. 6—Men's Size, Brown Canvas, Cane Ribs, Strong Straps, Well Padded	9.45
No. 7—Men's Size, Brown Canvas, Cane Ribs, No Straps, Worn Under Stocking, Well Padded, a Good Guard for Either Rugby or Soccer	8.90



No. 7.

Foot Ball Clothing.

PANTS

COLLEGE STYLE

Cane Thighs, Inside Hip and Knee Pads.

	Per Pair
No. 0115—Genuine Army Khaki, Tan Color	$3.35
No. 0649—Heavy Khaki Duck	2.45
No. 0109—Khaki Colored Canvas	1.90

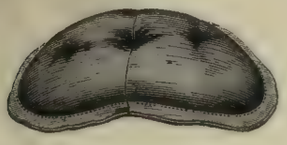
BOYS' STYLE

Quilted Thighs, Hip and Knee Pads.

	Per Pair
No. 0647—Heavy Khaki Duck	$1.70
No. 0107—Khaki Colored Canvas	1.25
No. 0104—Heavy White Drilling	1.00

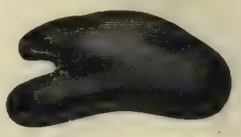
Foot Ball Pads.

ELBOW



	Per Pair
No. 5214—Second Grade, Khaki Duck	$0.45
No. 5216—Black Napa Leather, Hair Padded	.90

SHOULDER



	Per Pair
No. 5215—Second Grade Khaki Duck	$0.45
No. 5217—Black Napa Leather, Hair Padded	.90

Basket Ball Pads.

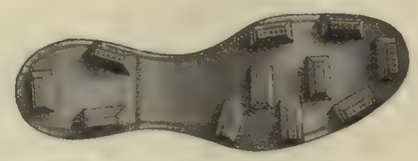
	Per Pair
No. 0166—Knee Pads, Khaki Cloth, Thick Felt Lining, Adjustable Straps	$0.90

	Per Pair
No. 5209—Knee Pads, Khaki Cloth, Felt Lined, 3 in. Elastic at Top, ½ in. Elastic at Bottom	$1.55

	Per Pair
No. 5208—Knee Pads, Black Napa Leather, Felt Lined, ½ in. Truss Elastic	$1.70

Foot Ball Clothing and Pads and Basket Ball Pads are Made to Order and Shipped F. O. B. Chicago.

Foot Ball Shoes.



Showing Wisco Cleats.
No. 1481.

Showing Brown Cleats.
No. 484, 1482, 1485.

	Per Pair
No. 1481—Tan Waterproof Shawnee Elk, Rigid Sole Leather Box Toe, Finest White Oak Soles with Either **Wisco Improved or Brown Cleats**, Sprint Last, Flexible Shank, Ankle Pad, Felt Lined Tongue and Rawhide Laces	**$7.80**
No. 484—Finest Chrome Box Calf Uppers, Best Oak Sole and Slip, Extra Light Flexible Shank, Solid Sole Leather Box Toe, **Brown Cleats**	**5.60**
No. 1482—Waterproofed Black Moose Uppers, Best Oak Sole and Slip, Extra Light Flexible Shank, Solid Sole Leather Box Toe, **Brown Cleats**	**$6.35**
No. 1485—Genuine Kangaroo Uppers, Rigid Sole Leather Box Toe, Finest White Oak Soles, with **Brown Cleats**	**8.35**

Sizes 5 to 11.

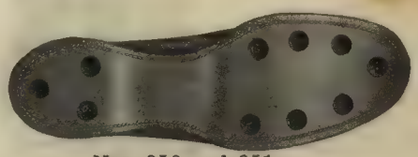
The Cleats are very firmly attached each Lift being separately secured with Clinched Steel Staples and Whole Cleat Clinched through to Insole by Five Long Steel Nails.

Weight Per Pair About 2½ Pounds.

Basket Ball Shoes.

No. 1853.

No. 1853.



Nos. 852 and 851.

	Per Pair
No. 1853—Finest Black Kangaroo Uppers, High Grade Soft and Pliable Red Rubber Vacuum Cup Sole, Will Not Slip on a Polished Floor	**$6.65**
No. 852—Pearl Elk Uppers, Lace to Toe Style, Excellent Quality Rubber Suction Sole of Regular Design	**6.10**
No. 851—Black Box Calf Uppers, Lace to Toe Style, Excellent Quality Rubber Suction Sole of Regular Design	**5.60**

Sizes 5 to 11.

Weight Per Pair About 2 Pounds.

No. 1892.

Bowling Shoes.

	Per Pair
No. 1892—Handsome Pearl Elk or Best Quality Black Kangaroo Uppers, Specially Designed Pattern Producing the Popular Short Vamp Effect, Lacing Close Down to Tip, Exclusive Tanned Yellow Chrome Buck Sole, Giving a Perfect Foothold and Control, Goodyear Stitched	**$4 10**

Sizes 5 to 11.

Weight Pere Pair About 2 Pounds.

Gymnasium or Indoor Shoes.

	Per Pair
No. 501—Men's, Pearl or Black Elk Gym Bals, Flexible Chrome Elk Sole, Antiseptic Inner Sole, Sizes 6 to 11	**$2.45**
No. 601—Boys', Same Description as No. 501, Sizes 2 to 5½	**2.10**
No. 502—Men's Oxford, Otherwise Same as No. 501, Sizes 6 to 11	**2.10**
No. 602—Boys' Oxford, Otherwise Same as No. 501, Sizes 2 to 5½	**2.00**
No. 702—Women's Oxford, Otherwise Same as No. 501, Sizes 2½ to 8	**2.25**
No. 503—Men's, Pearl or Black Elk Gym Bals, Cork Insole, Raised Spring Heel, Chrome Sole, Sizes 6 to 11	**3.40**

	Per Pair
No. 603—Boys', Same Description as No. 503, Sizes 2½ to 5½	**$3.25**
No. 703—Women's, Same Description as No. 503, but Higher Cut, Sizes 2½ to 8	**3.25**
No. 504—Men's Oxford, Otherwise Same as No. 503, Sizes 6 to 11	**3.25**
No. 604—Boys' Oxford, Otherwise Same as No. 503, Sizes 2½ to 5½	**3.10**
No. 704—Womens' Oxford, Otherwise Same as No. 503, Sizes 2½ to 8	**3.10**

Weight Per Pair About 1½ Pounds.

Basket Ball Pants.

Club Style, Side Laced.

Club Style, Laced Front.

Y. M. C. A. Style, Laced Front.

Club Style.

	Each
No. 7051—Laced Front, White Drill and Khaki Drill	**$1.80**
No. 7052—Side Laced, White Drill and Khaki Drill	**2.00**

Y. M. C. A. Style.

	Each
No. 7054—Laced Front, White Drill and Khaki Drill	**$1.25**
No. 7055—Side Laced, White Drill and Khaki Drill	**1.35**

When Ordering, Give Size of Waist Measure and Color Wanted.

Weight Per Dozen About 21 Pounds.

Basket Ball Shirts.

Sleeveless.

Quarter Sleeve.

	Each
No. 150—Best Worsted, Medium Weight. Colors: Black, Navy and Crimson	**$2.55**
No. 150A—As Above, with 6 in. Center Stripe or 3 in. Stripes in Any Combination of Colors	**3.00**
No. 204—Cotton, White Color	**.70**
No. 208—Cotton, Black, Navy, Crimson, Scarlet and Turner Gray Colors	**.80**
No. 01012—Cotton, Crimson with 6 in. White Stripe, Navy with 6 in. White Stripe	**1.00**

	Each
No. 151—Best Worsted, Medium Weight. Colors: Black, Navy and Crimson	**$2.80**
No. 151A—As Above, with 6 in. Center Stripe or 3 in. Stripes in Any Combination of Colors	**3.35**
No. 205—Cotton, White Color	**.80**
No. 209—Cotton, Black, Navy, Crimson, Scarlet and Turner Gray Colors	**.80**

When Ordering, Give Size of Chest Measure and Color Wanted.

Basket Ball Pants and Shirts are Made to Order and Shipped from Factory, F. O. B. Chicago.

Extra for Lettering Will be Charged.

Basket Balls.

REACH

	Per Dozen
No. 0—Official, Special Selected Tuf-Ide Leather, Tanned Expressly for this Ball, Eight Sections, Every Care Taken to Make it a Perfect Ball, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace, Weight 19 to 21 Oz.	**$126.55**
No. 0X—Same Description as No. 0, Weight 21 to 24 Oz.	**126.55**

	Per Dozen
No. 1—League, Selected Tuf-Ide Pebble Grain Leather, Eight Sections, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace	**$96.60**

	Per Dozen
No. 1½—Regulation, Fine Pebble Grained Cowhide Leather, Extra Strong, Six Sections, Guaranteed Perfect Shape, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace	**$75.90**

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Basket Balls.

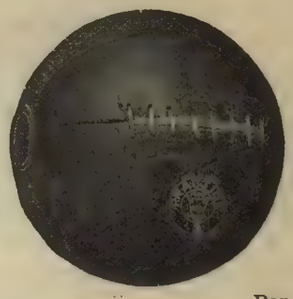
REACH

Per Dozen

No. 2—Special, Selected Pebble Grain Sheepskin Leather, Eight Sections, Complete with Pure Para Rubber Bladder and Lace.....**$53.30**

Per Dozen

No. 2½—Scholastic, Fine Pebble Grain Sheepskin Leather, Eight Sections, Complete with Pure Para Rubber Bladder and Lace.....**$44.40**



Per Dozen

No. 3—Practice, Fine Brown Grain Sheepskin Leather, Capped Ends, Complete with Pure Para Rubber Bladder and Lace.....**$36.00**

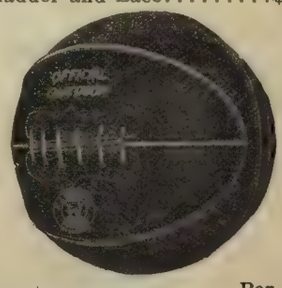
Per Dozen

No. 4—Youth's, Boys' Size, Brown Sheepskin, Canvas Lined, Button Ends, Complete with Pure Para Rubber Bladder and Lace.....**$28.00**

Per Dozen

No. 1X—Official Outdoor, Selected Tuf-Ide Leather, Outside Seams, Complete with Pure Para Rubber Bladder, Lacing Needle and Leather Lace **$119.90**

No. 1½X—Regulation Outdoor, Pebble Grain Cowhide Leather, Specially Designed Pattern, Otherwise Same as No. 1X **75.95**



Per Dozen

No. 2X—Special Outdoor, Selected Pebble Grain Sheepskin Leather, Eight Sections, Outside Seams, Complete with Pure Rubber Bladder and Lace.....**$53.30**

No. 3X—Practice Outdoor, Brown Grain Sheepskin, Otherwise Same as No. 2X.. **37.30**

Basket Ball Goals.

REACH

Wrought Iron.

Per Pair

No. 6 — 6 in. Extension Bracket, with Nets, Weight Per Pair About 17 Lbs.....**$6.70**
No. 12 —12 in. Extension Bracket, with Nets, Weight Per Pair About 19 Lbs..... **6.70**
No. 6P— 6 in. Extension Bracket, **Special Practice Goals,** with Nets, Weight Per Pair About 14 Lbs..... **5.00**
Extra Nets ..... **.75**

No. 6 Goal is adapted to Y. M. C. A. and Lady Basket Ball Teams. The No. 12 Goal is used and adopted by all Leading Professional Clubs throughout the Country.

When Ordering, be Sure to Mention the Number of Goal.

Basket Ball Bladders.

REACH

Nos. 0H and 0A.

No. 5B.

Pure Para Rubber, Thoroughly Tested.

Per Dozen

No. 0H—Four Piece, for Basket Balls, Nos. 0 and 0X.....**$22.25**
No. 0A—Four Piece, for Basket Balls Nos. 1, 1X, 1½ and 1½X..... **17.80**
No. 5B—Two Piece, for Basket Balls Nos. 2, 2½, 3, 2X, 3X and 4 ..... **13.35**

BUCKSKIN

Per Dozen

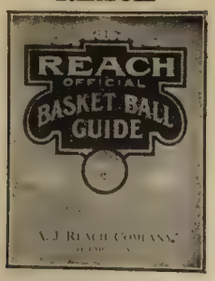
No. 1—Small Size, Seamless Rubber, White Lined, Maroon Finish, Top Stem.....**$13.35**
No. 2—Medium Size, Seamless Rubber, White Lined, Maroon Finish, Top Stem..... **16.10**

Average Weight Per Dozen About 1½ Pounds.

We can furnish Reach Catalogs containing the Resale Prices on the above items.

Basket Ball Guides.

REACH



Each

Basket Ball Guide—Contains Photographs of All Leading Clubs Throughout the United States with Complete Records, New Rules and Full Instructions How to Score.....**$0.16**
Weight Each About ½ Pound.

Leather Lace.

Per Dozen

Leather Lace—Rawhide, for Lacing.....**$0.80**

Indoor Base Balls.

REACH

Official, Finest Curled Hair, Best Horsehide Cover.

Nos.	112	114	115	116	117
Size, Inches	12	14	15	16	17
Weight, Oz.	5–5½	7–7½	7½–8	7¾–8¼	8–8½
Per Dozen	$18.65	18.65	18.65	18.65	18.65

Match, Finest Quality Curled Hair, Best Sheepskin Cover.

Nos.	212	214	215	216	217
Size, Inches	12	14	15	16	17
Per Dozen	$14.65	14.65	14.65	14.65	14.65

Indoor Base Ball Guide.

Each

Indoor Base Ball Guide.....**$0.16**

Medicine Balls.

Finest Grain Calfskin, Well Stuffed and Sewed, Extra Strong.

Each

No. 6M —42 in., Weight 9 Lbs.....**$12.20**
No. 5M —36 in., Weight 6 Lbs..... **8.90**
No. 4M —30 in., Weight 4 Lbs..... **7.80**
No. 3½M—25 in., Weight 2½ Lbs..... **6.10**

Made of Fine Buck Dressed Leather, Well Stuffed and Sewed, Extra Strong. Each

No. 3M—42 in., Weight 9 Lbs.....**$7.80**
No. 2M—36 in., Weight 6 Lbs..... **6.10**
No. 1M—30 in., Weight 4 Lbs..... **4.45**
No. 0M—25 in., Weight 2½ Lbs..... **3.90**

The Exercise consists of throwing the ball to one another. The catching of it develops the chest, exercises the back, arms and legs; in fact is beneficial to the whole system. Any number can exercise with it at the same time.

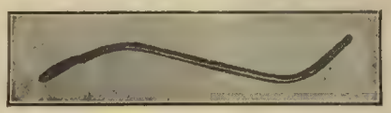
Basket Ball Score Books.

REACH

Each

Official Basket Ball Score Book—Cloth Cover, for 25 Games.....**$0.45**
Weight Each About ½ Pound.

Lacing Needles.



Per Dozen

No. 1—For Lacing Basket Balls, Foot Balls, Striking Bags, Etc.....**$0.68**

Wood Handle. Per Dozen

No. 2—For Lacing Basket Balls, Foot Balls, Striking Bags, Etc. **$1.80**

Indoor Bats.

Per Dozen

No. 0—Regulation, Selected Ash, Burnt and Burnished, **Taped Handle** **$8.90**
No. 2—Selected Ash, Burnt and Burnished, **Not Taped**.. **7.25**
No. 3—Ash, Plain Handle..... **4.45**
Weight Per Dozen About 15 Pounds.

Indoor Bases.

Per Set

No. 1—Reach, Heavy 10 Oz. Duck, Extra Well Sewed..**$4.45**
No. 2—Reach, Heavy 8 Oz. Duck, Extra Well Sewed.. **3.35**
Three Bases to a Set.

Indoor Home Plates.

Each

No. 3—Reach, 12x12 in., Fine Corrugated Rubber.....**$1.35**

Indoor Body Protectors.

Each

No. 2P—Reach, Canvas, Well Padded.....**$2.45**

Volley Balls.

Per Dozen

No. 10W — Regulation Size, Best Brown Grain Calfskin, Complete with Pure Para Rubber Bladder...**$73.25**
No. 15W — Regulation Size, Finest Brown Tan Leather, Complete with Pure Para Rubber Bladder... **53.30**
No. 20W — Regulation Size, Best White Grain Sheepskin, Complete with Pure Para Rubber Bladder... **44.40**

Per Dozen

No. 30W—Regulation Size, Heavy White Canvas, Complete with Pure Para Rubber Bladder..... **33.30**
No. 40W—Regulation Size, Fine Craven Tan Leather, Complete with Pure Para Rubber Bladder.. **37.30**
No. 5B —Extra Bladders, for Nos. 10W, 15W, 20W, 30W and 40W Volley Balls..... **13.35**

This is a new game which can be played out of doors as well as in the gymnasium. Any number of persons can play the game. The play consists of keeping the ball in motion over a high net from one side to the other. Volley Ball has been adopted by the playground associations and school boards as a good game for the boys and girls.
Average Weight Each About 1½ Pounds.

We can furnish Reach Catalogs containing the Resale Prices on the above items.

DEPARTMENT No. 13

TIN PLATE, SHEET STEEL

STEEL ROOFING, SIDING

CONDUCTOR PIPE, ETC.

TINNERS' MACHINES, TOOLS AND SUPPLIES

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

13

DEPARTMENT NO. 13

TIN PLATE, SHEET STEEL

STEEL ROOFING, SIDING

CONDUCTOR PIPE, EAVES TROUGH, ETC.

TINNERS' MACHINES, TOOLS

AND SUPPLIES

JOHN PRITZLAFF HARDWARE CO.

MILWAUKEE, WIS.

INDEX.

A

Page

Annealed Sheet Steel 2253
Annealed Steel Wire 2279, 2280
Antimony 2277
Assortments—Wire 2280
Attachment—Treadle, Tinners' .. 2281
Awls—
Marking 2305
Tinners' Marking 2305
Tinners' Scratch 2305

B

Babbitt Metal 2277
Bail Formers 2293
Bands—Shingle 2254
Bar Folders—Tinners' 2281, 2283
Bar Lead 2277
Bar Tin 2277
Bead—Metal Corner 2262
Beaded Ceiling—Steel 2263
Beaded Siding—Steel 2263
Beader and Crimper.....2282, 2289
Beaders—Stove Pipe 2289
Beading Machines....2282, 2289, 2290
Beakhorn Stakes 2295
Bench Plates 2297
Bench Rules—Tinners' 2297
Bench Shears 2287, 2305
Blocks—
Cresting 2260
Tile 2260
Blow Torches—Gasoline ...2301, 2302
Blowhorn Stakes 2295
Boiler Bottoms 2277
Boiler Expanders 2291
Borax 2307
Bottom Stakes 2295
Bottoms—
Boiler 2277
Copper 2277
Tea Kettle 2277
Brake and Folder—Tinners'..... 2281
Brakes—Cornice 2292
Brass—
Hoop 2278
Sheet 2278
Soft 2278
Spring 2278
Stencil 2278
Brass Wire 2279, 2280
Brass Spring Wire 2279, 2280
Braziers' Copper 2278
Brick Steel Siding.....2262, 2263
Bright Steel Market Wire..... 2279
Building Corners—Metal 2262
Burring Machines .....
.....2281, 2282, 2284, 2285

C

Candle Mould Stakes..... 2295
Cap Squeezers 2257
Caps—Eaves Trough End..... 2274
Ceiling—
Beaded Steel 2263
Embossed Steel 2263
Metal .....2263 to 2270
Cement—Roofing 2255
Charcoal 2307
Cheese Vat Tin..... 2252
Chisels—
Lantern 2306
Wire 2306
Circular Shears 2287
Circular Snips 2304
Cleaners—Pilley Quick 2307
Cleat Folders 2291
Cleaters and Nailers..... 2293
Coal—Charcoal 2307
Colander Swages 2296
Cold Rolled Copper..... 2278

C

Page

Cold Rolled Sheet Steel..... 2253
Compound—Welding 2307
Conductor Elbows 2275
Conductor Hangers 2276
Conductor Hooks 2276
Conductor Pipe 2275
Conductor Shoes 2275
Conductor Stakes 2295
Conductor Strainers 2276
Continuous Hip Shingles 2258
Continuous Ridge 2258
Continuous Roofing 2251
Coping—Ridge 2259
Copper—
Braziers' 2278
Cold Rolled 2278
Nickel Plated 2278
Sheet 2278
Tinned Sheet 2278
Copper Bottoms 2277
Copper Wire 2279, 2280
Coppered Steel Wire..... 2279
Coppers—Soldering 2306
Coppersmiths' Square Stake..... 2296
Corner Bead—Metal 2262
Corners—
Metal Building 2262
Pressed Steel 2262
Cornice—Embossed 2263
Cornice Brakes—Steel 2292
Cornice Makers' Crimpers 2282, 2289
Corrugated End Wall Flashing.. 2258
Corrugated Ridge Roll 2257
Corrugated Sheets 2255
Corrugated Standing Seam Roofing 2256
Covering—Hip 2259
Creasing Stakes 2295
Creasing Swedges 2296
Cresting Blocks 2260
Crimper and Beader.....2282, 2289
Crimpers—
Cornice Makers' ...2282, 2289
Stove Pipe 2289
Crimping Machine 2282, 2289
Crimping Tongs 2305
Cut-Offs—Rain Water 2276
Cutters—Wire 2293

D

Double Cutting Shears 2304
Double Seamers—Roofing .2293, 2294
Double Seaming Stakes 2295
Drops—Eave Trough 2274

E

Eaves Tile 2261
Eaves Trough 2273
Eave Trough Drops 2274
Eave Trough End Caps 2274
Eave Trough Ends 2274
Eave Trough Ends and Drops... 2274
Eave Trough Hanger Tongs 2274
Eave Trough Hangers 2274
Eave Trough Mitres 2273
Eave Trough Outlets 2274
Edges—Tinners' Straight 2297
Edging Machine 2288
Edging Rolls 2288
Elbow Edging Machines 2288
Elbows—Conductor 2275
Embossed Ceiling 2263
Embossed Cornice 2263
Embossed Steel Ceiling 2263
End Caps—Eave Trough 2274
End Lock Formers 2257
End Wall Flashing 2258
Ends—Eave Trough 2274
Expanders—Boiler 2291

E

Page

Expanded Metal Lath 2262
Extra Parts—
Tinners' Machine.2283 to 2290
Tinners' Soldering Furnace
.....2297 to 2300

F

Family Soldering Sets..... 2307
Farmers' Rivet Sets 2305
Fasteners—
Conductor 2276
Eaves Trough 2274
Finials—
Gable 2260, 2261
Globe 2258
Hip 2258, 2260, 2261
Finish—Gable End 2259
Fire Pots 2298
Flanging Tongs 2257
Flashing—
End Wall 2258
Porch 2259
Flashing Hooks 2276
Folder and Brake—Tinners' 2281
Folders—
Bar 2281, 2283
Cleat 2291
Pipe 2281
Roofing 2293
Sheet Iron 2281
Square Pan 2296
Tin 2281, 2283
Tinners' Bar 2281, 2283
Wood Roofing 2293
Folding Machines 2281, 2283
Foot Seamers 2257
Formers—
Bail 2293
End Lock 2257
Handle 2293
Square Pan 2296
Stove Pipe 2290
Tin Pipe 2290
Wire Ring 2293
Forms—Quick Working 2292
Furnaces—Tinners' ....2297 to 2300

G

Gable End Finish..... 2259
Gable Finials 2260, 2261
Galvanized Sheet Steel..... 2254
Galvanized Shing'es 2258
Gasoline Blow Torches.....2301, 2302
Globe Finials 2258
Groovers—
Tinners' Hand 2306
Tinners' Machine ...2282, 2284
Grooving Machines—Tinners'....
....2282, 2284
Gutter Hangers—Roof 2272
Gutter Tongs 2294
Gutters—Roof 2272

H

Hair Wire 2280
Hammers—
Planishing 2305
Raising 2305
Hand Groovers 2306
Hand Shears 2303, 2304
Handle Formers 2293
Hangers—
Conductor 2276
Eave Trough 2274
Roof Gutter 2272
Hatchet Stakes 2296
Headers—Rivet 2305

H

Page

Heads—
For Double Seaming Stakes 2296
For Tea Kettle Stakes... 2296
Hip Covering 2259
Hip Finials 2258, 2260, 2261
Hip Shingles 2258
Hip Tile 2261
Holders—Shear 2297
Hollow Mandrel Stakes..... 2296
Hollow Punches 2306
Hooks—
Conductor 2276
Flashing 2276
Hinged Conductor 2276
Hoop Brass 2278

I

Iron—
Planished 2254
Sheet, Common 2253, 2254
Sheet, Corrugated 2255
Sheet, Galvanized 2254
Sheet, Planished 2254
Sheet, Refined Smooth ... 2254
Wellsville Polished 2254
Wood's Planished 2254

L

Ladles—Melting 2307
Lantern Chisels 2306
Lath—Expanded Metal 2262
Lead—
Bar 2277
Pig 2277
Lead Washers 2255
Lever Punch 2287
Lever Shears and Punch..... 2282

M

Machine Parts—Tinners' .....
.....2283 to 2290
Machine Standards 2285
Machines—
Bail Forming 2293
Beading 2282, 2289, 2290
Burring.2281, 2282, 2284, 2285
Circular Shear 2287
Cornice Brake 2292
Cornice Makers'.....2282, 2289
Crimper and Beader.2282, 2289
Crimping 2282, 2289
Edging 2288
Elbow Edging 2288
Folder and Brake..... 2281
Folding, Cleat 2291
Folding, Tin 2283
Folding, Sheet Iron..2281, 2291
Forming 2290
Grooving 2282, 2284
Handle Forming 2293
Lever Punch 2287
Lever Shears and Punches 2282
Pipe Folder 2281
Pipe Forming 2290
Punch 2287
Ring Forming 2293
Roller Cutter Shear..... 2287
Setting Down.2282, 2284, 2285
Shear and Punch..... 2282
Slitting Shear 2287
Square Pan 2296
Squaring Shear.2282, 2286, 2287
Stove Pipe 2289
Tinners' .....2281 to 2294
Turning.2281, 2282, 2284, 2285
Wiring..2281, 2282, 2284, 2285
Magic Pattern Rules..... 2297
Mandrel Stakes 2295
Mandrels—
Hollow 2295
Stove Pipe 2295
Market Wire 2279

M

Page

Marking Awls 2305
Melting Ladles 2307
Metal—Babbitt 2277
Metal Building Corners 2262
Metal Ceiling .....2263 to 2270
Metal Corner Beads 2262
Metal Lath 2262
Metal Shingles 2259, 2260
Metal Side Walls 2271
Metals 2277
Metropolitan Metal Shingles..... 2260
Milk Can Tin..... 2252
Mitres—Eave Trough 2273

N

Nailers—Roofing 2293
Needle Case Stakes..... 2295

O

Ornamental Ridge—Continuous.. 2258
Outlets—Eave Trough 2274

P

Parts—
Tinners' Furnace..2297 to 2300
Tinners' Machine..2283 to 2290
Pig Lead 2277
Pig Tin 2277
Pilley Quick Cleaners..... 2307
Pipe—Conductor 2275
Pipe Folders 2281
Pipe Formers 2290
Planished Iron 2254
Planishing Hammers 2305
Plate—Tin 2251, 2252
Plates—Bench 2297
Plumbers' Scrapers 2307
Polished Iron—Wellsville 2254
Porch Flashing 2259
Portable Lever Punch..... 2287
Pots—Fire, Tinners' 2398
Pressed Steel Corners..... 2262
Pressed Steel Roofing 2256
Punches—
Combined Shear and..... 2288
Hollow 2306
Iron, with Shear:..... 2288
Lever 2282, 2287
Tinners' 2282, 2287, 2288
Punches and Shears—
Combined 2288
Lever 2282

Q

Quick Cleaners—Pilley 2307
Quick Working Forms—Eave
Trough 2292

R

Rain Water Cut-Offs..... 2276
Raising Hammers 2305
Refined Sheet Iron..... 2254
Repairs—
Tinners' Furnace..2297 to 2300
Tinners' Machine..2283 to 2290
Resin 2307
Retailer's Wire Assortment..... 2280
Ridge Coping 2259
Ridge—
Continuous Ornamental .. 2258
Ornamental 2261
Ridge Roll—
Corrugated 2257
Round 2258
Ridge Tile 2261
Ring Formers—Wire 2293
Rivet Sets—
Farmers' 2305
Tinners' 2305
Rock Face Steel Siding..... 2263
Roll Roofing—Self-Capping 2256
Roll Valley 2257

R

Page

Roll—
Corrugated Ridge 2257
Round Ridge 2258
Rolling Cutter Shears..... 2287
Rolls—Elbow Edging 2288
Roof Gutter Hangers..... 2272
Roof Gutters 2272
Roof Tile 2261
Roofing—
Continuous 2251
Sheet Steel .....2255 to 2257
Roofing Cement 2255
Roofing Cleaters and Nailers.... 2293
Roofing Coppers—Soldering 2306
Roofing Double Seamers....2293, 2294
Roofing Folders 2293
Roofing Nailers 2293
Roofing Seamers 2257
Roofing Tin Plate..... 2251
Roofing Tongs 2257, 2294
Roofing Tools 2256, 2257
Rosin 2307
Round Head Stakes 2296
Round Ridge Roll 2258
Rules—
Pattern Makers 2297
Tinners' 2297

S

Salts—Soldering 2307
Scrapers—Plumbers' 2307
Scratch Awls 2305
Seamers—
Foot 2257
Roofing 2257, 2293, 2294
Self-Capping Roll Roofing..... 2256
Sets—
Farmers' Rivet 2305
Soldering 2307
Tinners' Rivet 2305
Setting Down Machines.....
.....2282, 2284, 2285
Shear Holders 2297
Shears—
Bench 2287, 2305
Circular, Tinners'...2287, 2304
Combined Punches and.. 2288
Double Cutting 2304
Hand, Tinners' 2303, 2304
Lever, and Punch..... 2282
Rolling Cutter 2287
Slitting 2287
Squaring 2282, 2286, 2287
Tinners' Bench 2287
Tinners' Circular, Hand.. 2304
Tinners' Circular Machine 2287
Tinners' Hand 2303, 2304
Tinners' Slitting Machine. 2287
Tinners' Squaring 2286
Shears and Punches—
Combined 2288
Lever 2282
Sheet Brass 2278
Sheet Copper 2278
Sheet Iron—
Galvanized 2254
Wellsville Polished 2254
Wood's Planished 2254
Wood's Refined 2254
Sheet Iron Folders 2281, 2291
Sheet Steel—
Annealed 2253
Cold Rolled 2253
Galvanized 2254
Stove Pipe 2253
Tank 2253
Sheet Zinc 2278
Sheets—Corrugated 2255
Shingle Bands 2254
Shingle Trimmings 2259

S

Page

Shingles—
- Continuous Hip 2258
- Galvanized 2258
- Milwaukee Hip 2258
- Plain Tin 2258
- Titelock Metal 2259

Shoes—Conductor 2275
Side Walls—Metal 2271
Siding—Sheet Steel 2262
Slab Zinc 2277
Slitting Shear 2287
Snips—Tinners' 2303, 2304
Soft Brass 2278
Soft Braziers' Copper..... 2278
Solder—Tinners' 2277
Soldering Coppers 2306
Soldering Furnaces ....2297 to 2300
Soldering Salts 2307
Soldering Sets 2307
Spelter 2277
Spool Wire 2279, 2280
Spring Brass 2278
Spring Brass Wire 2279
Spring Steel Wire 2279
Square Pan Folder 2296
Square Pan Former 2296
Square Pan Swedges..... 2296
Square Pan Turners 2296
Square Stakes 2296
Squaring Shears....2282, 2286, 2287
Squeezers—Cap 2257
Squeezing Tongs 2294
Stakes—
- Beakhorn 2295
- Bevel Edge Square..... 2296
- Blowhorn 2295
- Bottom 2295
- Candle Mould 2295
- Conductor 2295
- Coppersmiths' Square ... 2296
- Creasing 2295
- Double Seaming ...2295, 2296
- Hatchet 2296
- Hollow Mandrel 2295
- Mandrel 2295
- Needle Case 2295
- Round Head 2296
- Square 2296
- Stove Pipe Mandrel..... 2295
- Tea Kettle 2296

Standards—Machine 2285
Standing Seam Roofing..... 2256
Starters—
- Hip Shingle 2258
- Ridge and Hip Tile..... 2261

Steel Ceiling .....2263 to 2270
Steel Corners—Pressed 2262
Steel Roofing .....2255 to 2257
Steel Siding 2262, 2263
Steel Wire 2279, 2280
Steel—
- Annealed Sheet 2253
- Cold Rolled Sheet..... 2253
- Corrugated 2255
- Galvanized Sheet 2254
- Planished 2254
- Sheet 2253, 2254
- Stove Pipe 2253
- Tank Sheet 2253

S

Page

Stencil Brass 2278
Stone Wire 2280
Stove Pipe Beaders 2289
Stove Pipe Crimpers and Beaders 2289
Stove Pipe Formers 2290
Stove Pipe Machines 2289
Stove Pipe Mandrels 2295
Stove Pipe Sheet Steel 2253
Stove Pipe Wire 2280
Stoves—Tinners' .....2297 to 2300
Straight Edges—Tinners' Steel.. 2297
Strainers—Conductor 2276
Strip Tin 2277
Swedges—
- Creasing 2296
- Cullender 2296
- Square Pan 2296

T

Tank Sheet Steel..... 2253
Tea Kettle Bottoms..... 2277
Tea Kettle Stakes..... 2296
Telephone Wire 2280
Terne Plate 2251
Terne Wasters 2251
Tile Blocks 2260
Tile Starter 2261
Tile Trimming 2261
Tile—
- Eaves 2261
- Hip 2261
- Roof 2261
- Ridge 2261

Tin—
- Bar or Strip..... 2277
- Bright 2252
- Cheese Vat 2252
- Continuous Roofing 2251
- Milk Can 2252
- Pig 2277
- Roofing 2251
- Strip 2277

Tin Plate 2251, 2252
Tin Shingles 2258
Tinners' Awls 2305
Tinners' Chisels 2306
Tinners' Furnaces .....2297 to 2300
Tinners' Groovers 2306
Tinners' Hammers 2305
Tinners' Machines .....2281 to 2294
Tinners' Punches ...2282, 2287, 2288
Tinners' Rivet Sets 2305
Tinners' Rules 2297
Tinners' Snips 2303, 2304
Tinners' Solder 2277
Tinners' Stakes 2295, 2296
Tinners' Straight Edges 2297
Tinners' Tools .....2295 to 2307
Tinners' Tools and Machines....
.....2281 to 2307
Titelock Metal Shingles..... 2259
Titelock Shingle Trimmings..... 2259
Tongs—
- Crimping 2305
- Eave Trough Hanger..... 2274
- Flanging 2257
- Gutter 2294
- Roofing 2294
- Squeezing 2294

T

Page

Tools—
- Roofing 2256, 2257
- Tinners' .....2281 to 2307

Torches—Gasoline Blow ...2301, 2302
Treadle Attachment 2281
Trimmings—
- Metal Shingle 2259
- Tile 2261

Trough—Eaves 2273
Trough Hangers—Eaves..... 2274
Trough Mitres—Eaves 2273
Turners—Square Pan 2296
Turning Machines .....
.....2281, 2282, 2284, 2285

V

V Crimp Roofing..... 2257
Valleys—
- Roll 2257
- Titelock Shingle Trimming 2259

Vat Tin—Cheese 2252

W

Wall Flashing—Corrugated End. 2258
Walls—Metal Side 2271
Washers—Lead 2255
Wasters—Terne 2251
Water Cut-Offs—Rain 2276
Weaving Wire 2280
Welding Compound 2307
Wire Assortment—Retailers'.... 2280
Wire Bail Formers 2293
Wire Chisels 2306
Wire Cutters and Bail Formers. 2293
Wire Ring Formers 2293
Wire—
- Annealed 2280
- Annealed on Spools..... 2279
- Annealed Weaving 2280
- Assortment 2280
- Brass on Spools..... 2279
- Brass Spring 2279, 2280
- Bright Steel Market..... 2279
- Copper 2279, 2280
- Copper on Spools..... 2279
- Coppered Steel Market... 2279
- Coppered Steel Spring.... 2279
- Hair 2280
- Hard Brass 2280
- Market 2279
- Retailers' Assortment ... 2280
- Soft Copper 2279
- Spooled 2279
- Spring Brass 2279
- Steel Spring 2279
- Stone or Weaving..... 2280
- Stove Pipe 2280
- Telephone 2279
- Tinned Steel Market..... 2279

Wiring Machines—Tinners' .....
.....2281, 2282, 2284, 2285
Working Forms—Eaves Trough. 2292

Z

Zinc—
- Sheet 2278
- Slab 2277

Tin Plate.

ROOFING

Prices on Application.

PRITZLAFF'S CHARCOAL IRON, OLD STYLE

Stamped and Resquared, 25 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
20x28—IC	112	$.....
20x28—IX	112	.....

PRITZLAFF'S STANDARD

Stamped and Resquared, 40 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

TAYLOR OLD STYLE

Stamped and Resquared.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

SCOTT'S OLD STYLE

Stamped and Resquared.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

CARSON OLD STYLE

25 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

ALTA OLD STYLE

Stamped and Resquared, 15 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

ELLWOOD

Stamped and Resquared, 8 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

BADGER

8 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
14x20—IC	112	$.....
14x20—IX	112	.....
20x28—IC	112	.....
20x28—IX	112	.....

FREMONT, 200 LBS.

8 Lb. Coating.

Size, Inches.	No. of Sheets in a Box.	Per Box.
20x28	112	$.....

REED'S TERNE WASTERS

Size, Inches.	No. of Sheets in a Box.	Per Box.
20x28—IC	112	$.....
20x28—IX	112	.....

Continuous Roofing.

Painted One Side and Soldered.

IC Tin, in Rolls.				IX Tin, in Rolls.		
Width, Inches	10	14	20	28	Width, Inches	14	20
Per Square	$....	....	....	....	Per Square	$....	....

One Square in a Roll.

Tin Plate.

Price on Application.

AMERICAN BRIGHT CHARCOAL

Size, Inches.	GRADE.	No. of Sheets in a Box.	Per Box.
	Pritzlaff's Best, 4A Grade.		
14x28—IX	Tissue Paper Packed	112	$
14x28—IXX	Tissue Paper Packed	112	
20x28—IC	Tissue Paper Packed	112	
20x28—IX	Tissue Paper Packed	112	
20x28—IXX	Tissue Paper Packed	56	
20x28—IXXX	Tissue Paper Packed	56	
20x28—IXXXX	Tissue Paper Packed	56	
	Imperial, 3A Grade.		
20x28—IC	Imperial	112	
20x28—IX	Imperial	112	
20x28—IXX	Imperial	56	

AMERICAN BRIGHT COKE

Size, Inches.	GRADE.	No. of Sheets in a Box.	Per Box.
	20x28—IC, 200 Pounds.		
20x26½—ICL		112	$
20x28 —ICL		112	
20x28 —IXL		112	
20x29½—ICL		112	
20x29½—IXL		112	
20x32½—ICL		112	
20x32½—IXL		112	
20x39½—IXL		56	
20x28 —180 Lb.	Luzon	112	
20x28 —ICL, 200 Lb.	Wasters	112	

Milk Can or Cheese Vat Tin.

IMPORTED ENGLISH, TISSUE PAPER PACKED

Size, Inches.	GRADE.	Suitable for	Approximate Weight Per Sheet.	Approximate No. of Sheets in a Box.	Per Pound.
16x16—IXXXX	Cookley K	Can Tops and Bottoms	1½	112	$
18x18—IXXXX	Cookley K	Can Tops and Bottoms	2	112	
20x20—IXXXX	Cookley K	Can Tops and Bottoms	2½	112	
20x60—IXXXX	Cookley K	Cheese Vats	8	65	
22x60—IXXXX	Cookley K	Cheese Vats	9	60	
22x66—IXXXX	Cookley K	Cheese Vats	10	58	
28x49—IXXXX	Cookley K	20 Gallon Cans	9	54	
28x59—IXXXX	Cookley K	30 Gallon Cans	11	50	
28x66—IXXXX	Cookley K	40 Gallon Cans	12½	46	
30x72—IXXXX	Cookley K	50 Gallon Cans	15	42	
22x96—IXXXXXX	Cookley K	Cheese Vats	16	31	
36x84—IXXXXXX	Cookley K	Cheese Vats	24	21	
40x96—IXXXXXX	Cookley K	Cheese Vats	31½	17	
41x87—IXXXXXX	Cookley K	Cheese Vats	29	18	
41x96—IXXXXXX	Cookley K	Cheese Vats	33	18	
48x96—IXXXXXX	Cookley K	Cheese Vats	38	15	
52x96—IXXXXXX	Cookley K	Cheese Vats	42	13	

Prices on Application.

Tank Sheet Steel.

Gauge No.	Thickness, Inches	Width, Inches	Length, Inches	Weight Per Square Foot, Lbs.	Per 100 Pounds
....	1/4	30, 36, 48	96	10.2	$.....
....	1/4	30, 36, 48	120	10.2	
....	3/16	30, 36, 48	96	7.65	.....
....	3/16	30, 36, 48	120	7.65	
8	....	30, 36, 48	96	7.01	.....
8	....	30, 36, 48	120	7.01	

NOTE—All Above Sizes are Carried in Stock; Other Sizes can be Furnished.

Sheet Steel.

SOFT BLUE, ANNEALED

Gauge No.	Width, Inches	Length, Inches	Thickness, Inches	Weight Per Square Foot, Lbs.	Per 100 Pounds
10	28, 30, 36, 48	96	9/64	5.74	$.....
10	30, 36, 42, 48	120	9/64	5.74	.....
12	28, 30, 36, 48	96	7/64	4.46	.....
12	30, 36, 42, 48	120	7/64	4.46	.....
14	24, 28, 30, 36, 42, 48	96	5/64	3.19	.....
14	30, 36, 42, 48	120	5/64	3.19	.....
16	24, 28, 30, 36, 42, 48	96	1/16	2.55	.....
16	30, 36, 42, 48	120	1/16	2.55	.....

NOTE—All Above Sizes are Carried in Stock; Other Sizes can be Furnished.

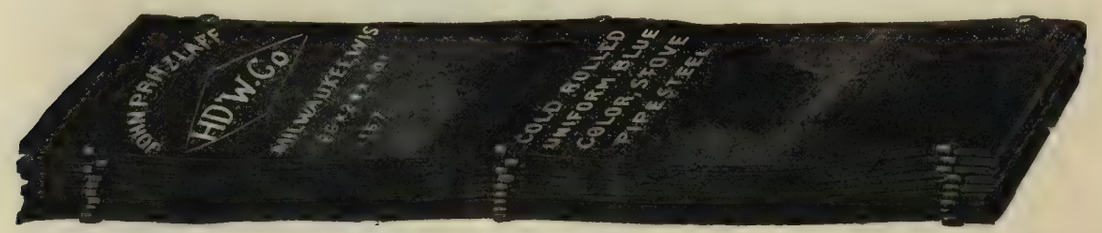
ONE PASS, COLD ROLLED, BOX, ANNEALED

Gauge No.	Width, Inches	Length, Inches	Thickness, Inches	Weight Per Square Foot, Lbs.	Per 100 Pounds
18	24, 28, 30, 36	96	1/20	2.	$.....
20	24, 28, 30, 36	96	3/80	1.50	.....
22	24, 28, 30, 36	96	1/32	1.25	.....
24	24,	101	1/40	1.	.....
24	28, 30, 36	96	1/40	1.	.....
26	24	101	3/160	.75	.....
26	28, 30, 36	96	3/160	.75	.....
27	24	101	11/640	.6875	.....
28	24	101	1/64	.625	.....

NOTE—All Above Sizes are Carried in Stock; Other Sizes can be Furnished.

About 150 Pounds in a Bundle.

COLD ROLLED, UNIFORM BLUE COLOR STOVE PIPE STEEL



Gauge No.	Width, Inches	Length, Inches	Thickness, Inches	Weight Per Square Foot, Ozs.	Per 100 Pounds
26	24	101	3/160	12	$.....
27	24	101	11/640	11	.....
28	24	101	1/64	10	.....

NOTE—All Above Sizes are Carried in Stock.

About 150 Pounds in a Bundle.

Sheet Iron.

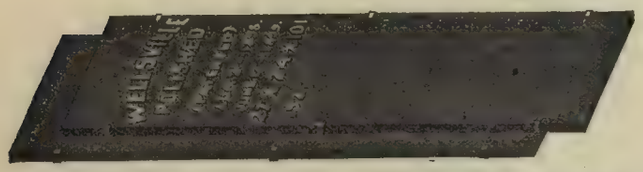
WOOD'S REFINED

Smooth Finish, Uniform Color.

Gauge No.	Width, Inches	Length, Inches	Thickness, Inches	Weight Per Square Foot, Ounces	Per 100 Lbs.
24	24	101	1/40	16	$.....
25	24	101	7/320	14	.....
26	24	101	3/160	12	.....
26	28	101	3/160	12	.....
27	24	101	11/640	11	.....
28	24	101	1/64	10	.....

NOTE—All Above Sizes are Carried in Stock; Other Sizes Can be Furnished.
About 150 Pounds in a Bundle.

WELLSVILLE POLISHED



Uniform Color, Oiled.

Gauge No.	Width, Inches	Length, Inches	Thickness, Inches	Wt. Per Sq. Ft., Oz.	Per 100 Lbs.
26	24	101	3/160	12	$.....
26	28	101	3/160	12	.....
27	24	101	11/640	11	.....

About 150 Pounds in a Bundle.

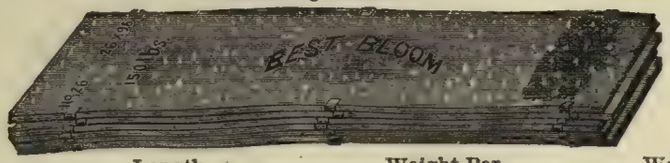
WOOD'S PLANISHED

Quality	Gauge No.	Width, Inches	Length, Inches	Thickness, Inches	Weight Per Sheet, Lbs.	In Bundles, Per Lb.	Less Than Bdls, Per Lb.
A	22	28	60	1/32	13¼ to 13½	$.....	$.....
A	24	28	60	1/40	10¼ to 10¾	.....	.....
A	26	28	60	3/160	8¾ to 9¼	.....	.....
A	27	28	60	11/640	8 to 8½	.....	.....
A	28	28	60	1/64	7½ to 8	.....	.....
B	26	28	..	3/160	.....	.....	.....

NOTE—A Quality Sheets are Packed Full Size; B Quality Sheets are 28 in. Wide but Vary in Length Under 60 Inches.
About 250 Pounds Net in a Sheet Iron Case.

Galvanized Sheet Steel.

BEST QUALITY



Gauge No.	Width, Inches	Length, Inches	Weight Per Square Foot, Ounces	Weight Per Square Foot, Lbs.	Per 100 Lbs.
14	28, 30, 36	96	52.5	3.281	$.....
16	28, 30, 36	96	42.5	2.656	.....
18	24, 28, 30, 36	96	34.5	2.156	.....
18	42	96	34.5	2.156	.....
18	36	120	34.5	2.156	.....
20	24, 28, 30, 36	96	26.5	1.656	.....
20	42	96	26.5	1.656	.....
20	28	120	26.5	1.656	.....
20	48	120	26.5	1.656	.....
22	24, 28, 30, 36	96	22.5	1.406	.....
22	42	96	22.5	1.406	.....
22	28	120	22.5	1.406	.....
24	24, 26, 28, 30, 36	96	18.5	1.156	.....
24	42	96	18.5	1.156	.....
24	28, 30	120	18.5	1.156	.....
26	24, 26, 28, 30, 36	96	14.5	.9062	.....
26	28, 30	120	14.5	.9062	.....
27	24, 28, 30, 36	96	13.5	.8437	.....
28	24, 26, 28, 30, 36	96	12.5	.7812	.....
28	28, 30	120	12.5	.7812	.....
30	28, 30	96	10.5	.6562	.....

NOTE—Above Sizes are Carried in Stock; Other Sizes Can be Furnished.
About 150 Pounds in a Bundle.

Shingle Bands.

Black Steel.	Per Pound	Galvanized Steel.	Per Pound
No. 26—⅝x12 in.	$.....	No. 26—⅝x12 in.	$.....

About 500 Pounds in a Barrel.

Steel Roofing.

HOW TO ORDER ROOFING AND SIDING **Prices on Application.**

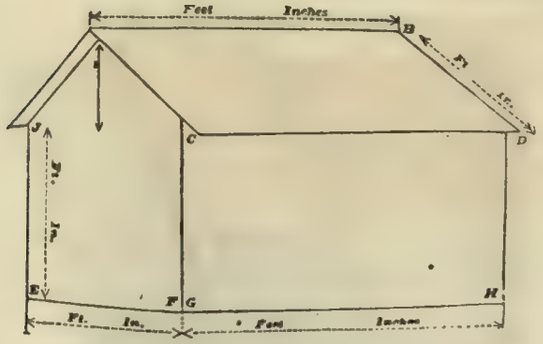


Fig. No. 55—For Ridge Roof Buildings.

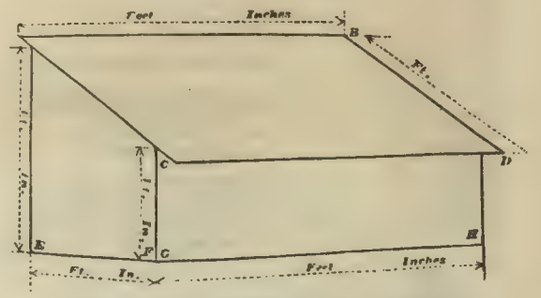


Fig. No. 56—For Shed Roof Buildings.

Allowing in above cases for necessary projection at eaves, ends, etc. Allow Corrugated Roofing 3 inches pitch, or more, to the foot.

Lead Washers.

Will Prevent Leaks in Roofing and Siding Walls When Used as Per Illustration.

Nos.	2	1
Diameter of Hole, Inches	⅝	½
Per Pound	$0.25	.25

No. 2 is the Standard Size, generally used with 1¾ inch Wire Nails. One Hundred Pounds in a Box.

These Washers make an Absolutely Water-Tight Joint on any surface, whether concave, convex or flat; they also prevent Rust and the head from cutting into the sheet, thus making a more durable job.

Roofing Cement.

PECORA

For Laying and Repairing All Kinds of Tin and Metal Roofs.

	Per Pound
No. 1—In 5 Lb. Cans	$
No. 2—In 10 Lb. Cans	
No. 3—In 25 Lb. Cans	

WEATHERTITE

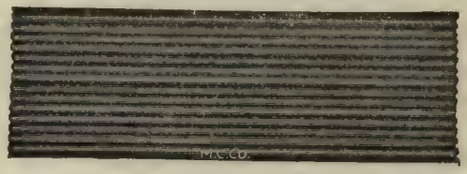
Can be Applied in Wet Weather or in Damp Places, Never Hardens.

	Per Pound
No. 4—In 25 Lb. Pails	$

Makes a Permanent Joint over any material. For use on Broken Slate, Sky-Lights, for Repairs in Valleys and Guttering, Chimneys, Flues or Flashing, for Repairing Gravel Roofs, Cement Blocks, Iron or Tin, Wood, Shingle, Paper, Canvas, Felt and Composition Roofing.

Corrugated Sheets.

⅝ INCH CORRUGATION



Corrugations ⅝ in. from Center to Center and ⅛ in. Deep.

	Per Square
Painted.	
No. 28 Gauge—Approximate Weight Per Square 72 Lbs.	$
Galvanized.	
No. 29 Gauge—Approximate Weight Per Square 79 Lbs.	$
No. 28 Gauge—Approximate Weight Per Square 87 Lbs.	

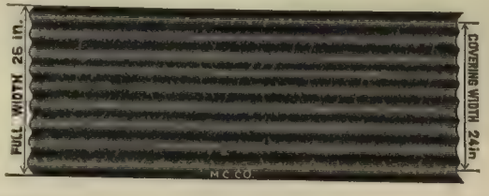
Used for Ceilings, Partitions, Lining Inside Wood Frame Work, etc.

1¼ INCH CORRUGATION

Corrugations 1¼ in. from Center to Center and ⅜ in. Deep.

	Per Square
Painted.	
No. 28 Gauge—Approx. Weight Per Square 72 Lbs.	$
Galvanized.	
No. 29 Gauge—Approx. Weight Per Square 79 Lbs.	$
No. 28 Gauge—Approx. Weight Per Square 87 Lbs.	

2½ INCH CORRUGATION



Corrugations 2½ in. from Center to Center and ⅝ in. Deep.

	Per Square
Painted.	
No. 28 Gauge—Approx. Weight Per Square 68 Lbs.	$
No. 26 Gauge—Approx. Weight Per Square 83 Lbs.	
No. 24 Gauge—Approx. Weight Per Square 110 Lbs.	
Galvanized.	
No. 29 Gauge—Approx. Weight Per Square 77 Lbs.	$
No. 28 Gauge—Approx. Weight Per Square 85 Lbs.	
No. 26 Gauge—Approx. Weight Per Square 98 Lbs.	
No. 24 Gauge—Approx. Weight Per Square 124 Lbs.	

Note—8 ft. Sheets are always shipped unless otherwise specified.

Steel Roofing.

Prices on Application.

SELF-CAPPING ROLL

Fig. 1—Cleat in position and nailed to sheathing. Fig. 2—Cleat turned down over 1 in. turned up edge. Fig. 3—Shows the 1½ in. edge and the cleat folded over 1 in. turned up edge.

In Rolls, 50 ft. x 26½ in., with Notched Double Cross Locks.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 73 Lbs.
With Cleats .....$
Without Cleats .....

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 77 Lbs.
With Cleats .....$
Without Cleats .....

No. 28 Gauge—Approx. Weight Per Square 85 Lbs.
With Cleats .....$
Without Cleats .....

A square consists of a strip 50 ft. long, having a covering width of two feet; will finish 100 square feet on building, including the required cleats or fastenings, to be placed 12 to 14 in. apart.

TOOLS REQUIRED FOR ABOVE ROOFING

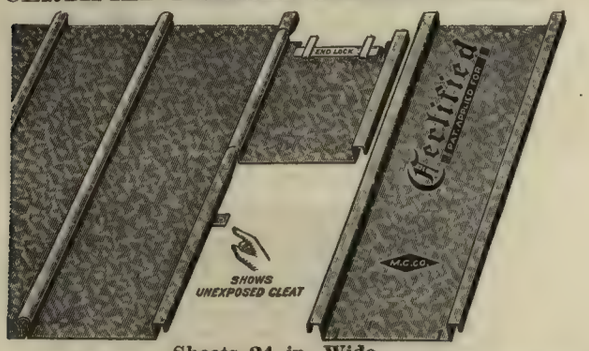
Each

1 Pair Foot Seamers .....$
1 Pair 1½ in. Tongs.....
1 Pair 1 in. Tongs.....
1 Pair Roofing Shears .....
1 Roofing Mallet .....

Tools sent only when ordered.

Steel Roofing.

CERTIFIED PRESSED STANDING SEAM



Sheets 24 in. Wide.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 73 Lbs...$

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 77 Lbs...$
No. 28 Gauge—Approx. Weight Per Square 84 Lbs...

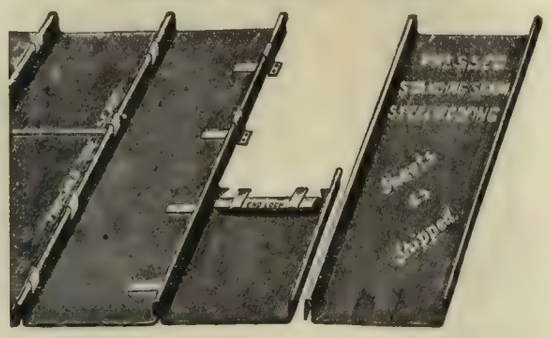
A square consists of 50 lineal feet in separate sheets formed to lay 2 feet in width.

TOOLS REQUIRED FOR ABOVE ROOFING

Each

1 End Lock Former.....$
1 Pair Certified Seamers.....

PRESSED STANDING SEAM



C B A

"A" represents sheet as shipped. "C" shows finished seam. "B" explains method of application.

Sheets 24 in. Wide.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 73 Lbs.
With Cleats .....$
Without Cleats .....

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 77 Lbs.
With Cleats .....$
Without Cleats .....

No. 28 Gauge—Approx. Weight Per Square 84 Lbs.
With Cleats .....$
Without Cleats .....

A square consists of 50 lineal feet in separate sheets, formed to lay 2 feet in width.

TOOLS REQUIRED FOR ABOVE ROOFING

Each

1 Cap Squeezer .....$
1 Pair Snips .....
1 Roofing Hammer .....

Tools sent only when ordered.

Note—8 ft. Sheets are always shipped unless otherwise ordered.

Corrugated Standing Seam Roofing.

2½ INCH CORRUGATIONS

Sheets 24 in. Wide.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 73 Lbs.
With Cleats .....$
Without Cleats .....

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 83 Lbs.
With Cleats .....$
Without Cleats .....

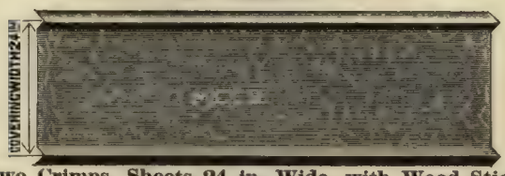
No. 28 Gauge—Approx. Weight Per Square 91 Lbs.
With Cleats .....$
Without Cleats .....

Note—8 ft. Sheets are always shipped unless otherwise ordered.

Steel Roofing.

Prices on Application.

2V CRIMP



Two Crimps, Sheets 24 in. Wide, with Wood Sticks.

Painted. Per Square

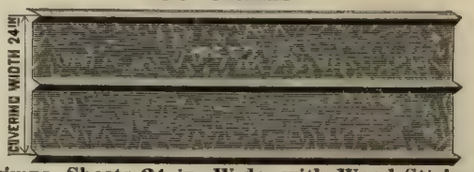
No. 28 Gauge—Approx. Weight Per Square 72 Lbs...$

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 80 Lbs...$

No. 28 Gauge—Approx. Weight Per Square 88 Lbs...

3V CRIMP



Three Crimps, Sheets 24 in. Wide, with Wood Sticks for Side and Center.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 72 Lbs...$

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 82 Lbs...$

No. 28 Gauge—Approx. Weight Per Square 90 Lbs...

A square consists of 50 lineal feet in separate sheets, formed to lay 2 ft. in width.

Note—8 ft. Sheets are always shipped unless otherwise specified.

Roofing Tools.

FOOT SEAMERS

For Single and Double Seaming.

Each

Foot Seamer—Sizes 1, 1½ and 1¾ in. $17.80

Weight Each About 19 Pounds.

FOR SHEET IRON ROOFING

CERTIFIED ROOFING SEAMERS

For Certified Roofing.

Each

Certified Roofing Seamers.....$11.15

Weight Each About 15 Pounds.

FLANGING TONGS

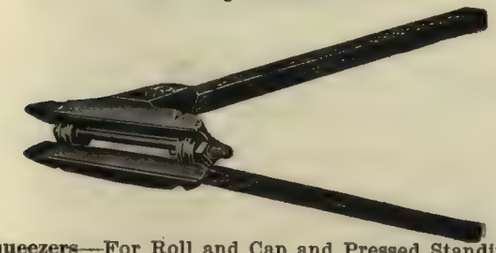
18 in. Long Wrought Handles.

Each

Flanging Tongs—Sizes 1, 1¼, 1½ and 1¾ in., Superior Quality Steel Blades or Jaws.....$6.70

Weight Each About 8 Pounds.

CAP SQUEEZERS



Each

Cap Squeezers—For Roll and Cap and Pressed Standing Seam Roofing $2.25

Weight Each About 10 Pounds.

END LOCK FORMERS

Each

End Lock Formers—For Pressed Standing Seam and V Crimp Roofing $1.70

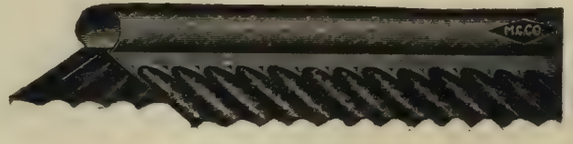
Roll Valley.

Double Cross Lock, Galvanized.

Inches	10	14	20
Approx. Wt. Per Roll, Lbs.	28	43	56
Per Lineal Foot	$0.12½	.17½	.25

50 Lineal Feet in a Roll.

Corrugated Ridge Roll.



Galvanized.

Per Lineal Foot

No. 29 Gauge—1¼ in. Corrugations.....$0.14

No. 29 Gauge—2½ in. Corrugations..... .14

Corrugated End Wall Flashing.

	Painted.	Per Lineal Foot
No. 28 Gauge—2½ in. Corrugation		$0.12
	Galvanized.	**Per Lineal Foot**
No. 29 Gauge—2½ in. Corrugation		$0.14

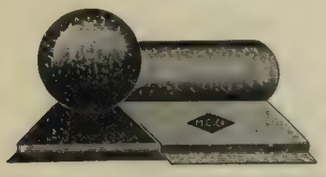
Plain Ridge Roll.

WITH NAILING FLANGE

Galvanized, in 10 ft. Lengths.

Diameter of Roll, Inches	1¼	1½	2	2½	3
Width of Apron, Inches	1½	2	2½	3	3½
Girt, Inches	7	8	10	12	14
Per Lineal Foot	$0.14	.16	.19	.23	.28

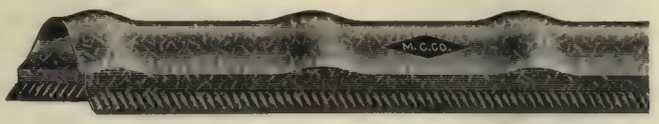
Globe Finials.



No. 5—Galvanized, for Plain Ridge Roll.

Inches	1¼	1½	2	2½
App. Wt. Per Dozen, Lbs.	3	3½	4	4½
Per Dozen	$4.50	4.50	5.60	6.70

Continuous Ornamental Ridge.



	Galvanized.	Per Lineal Foot
No. 8 Continuous Ornamental Ridge—5 ft. Lengths		$0.08

Weight Per Crate About 108 Pounds.
250 Feet in a Crate.

Gable Finials.

Galvanized.

	Each
No. 9—Gable Finial	$0.80

Weight Each About ½ Pound.

Hip Finials.

Galvanized.

	Each
No. 11—Hip Finial	$0.80

Weight Each About ⅝ Pound.

Continuous Hip Shingles and Starters.

STARTERS

Galvanized.

Inches	5	10
App. Wt. Each, Lbs.	⅛	½
Each	$0.12	.23

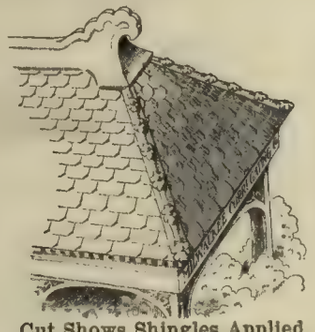
CONTINUOUS HIP SHINGLES

Galvanized, 5 ft. Lengths.

Inches	5	10
App. Wt. Per Crate, Lbs.	72	151
Per Foot	$0.06	.12

250 Feet in a Crate.

Milwaukee Hip Shingles.



Cut Shows Shingles Applied.

For Wood Shingles.

No. 20—Painted Tin.

Inches	4x7	4x9
Approximate Weight Per 100, Lbs.	41	50
Per 100	$2.00	2.25

No. 30—Galvanized Steel.

Inches	4x7	4x9	5x12
Approx. Wt. Per 100, Lbs.	54	64	125
Per 100	$2.50	2.90	4.60

These Shingles are intended to take the place of plain tin strips, wood and metal rolls, etc. They can be adjusted to the different widths shown to the weather and make a very ornamental hip finish.

The drifting of snow and the curling of shingles are overcome by the use of these hip shingles.

Plain Tin Shingles.

IC.

Inches	4x5	5x7	7x10
Approx. Wt. Per 100, Lbs.	6¼	13	20
Per 100	$1.35	1.70	3.35

100 in a Package.

Plain Galvanized Shingles.

Inches	4x5	5x7	7x10
Approx. Wt. Per 100, Lbs.	9	16½	25
Per 100	$1.70	2.55	4.50

100 in a Package.

Titelock Metal Shingles.

STYLE C

Red Painted Tin.	
Inches	10x14
Approx. Wt. Per Square, Lbs.	90
Per Square	$7.80
Green Painted Tin.	
Inches	10x14
Approx. Wt. Per Square, Lbs.	90
Per Square	$8.35
Galvanized Tin Plate.	
Inches	10x14
Approx. Wt. Per Square, Lbs.	98
Per Square	$10.00

STYLE B

Painted Tin.		
Inches	7x10	10x14
App. Wt. Per Sq., Lbs.	93	88
Per Square	$10.60	8.35
Galvanized Tin Plate.		
Inches	7x10	10x14
App. Wt. Per Sq., Lbs.	106	97
Per Square	$13.60	11.15

STYLE A

Painted Tin.		
Inches	7x10	10x14
App. Wt. Per Sq., Lbs.	90	82
Per Square	$11.15	8.90
Galvanized Tin Plate.		
Inches	7x10	10x14
App. Wt. Per Sq., Lbs.	105	97
Per Square	$14.15	11.65

7x10 in. Size has 320 Shingles, 10x14 in. Size has 144 Shingles in a Square.

Titelock Metal Shingle Trimmings.

RIDGE COPING

Roll Ridge Coping.

	Per Lineal Foot
Painted	$0.18
Galvanized	.20

Weight Per Lineal Foot About ½ Pound.

Plain Ridge Coping.

	Per Lineal Foot
Painted	$0.12
Galvanized	.14

Weight Per Lineal Foot About ⅓ Pound.

HIP COVERING

Ornamental Hip Covering.

	Per Lineal Foot
Painted	$0.16
Galvanized	.18

Weight Per Lineal Foot About ½ Pound.

Roll Hip Covering.

	Per Lineal Foot
Painted	$0.16
Galvanized	.18

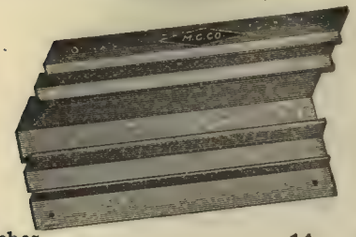
Weight Per Lineal Foot About 1 Pound.

Plain Hip Covering.

	Per Lineal Foot
Painted	$0.12
Galvanized	.14

Weight Per Lin. Foot About ¾ Pound.

VALLEY



Inches	14	20
App. Wt. Per Lin. Ft., Lbs.	⅛	⅛
Painted ...Per Lin. Ft.,	$0.14	.18
Galvanized ...Per Lin. Ft.,	.16	.20

GABLE END FINISH

	Per Lineal Foot
Painted	$0.09
Galvanized	.12

Weight Per Lin. Foot About ⅛ Pound.

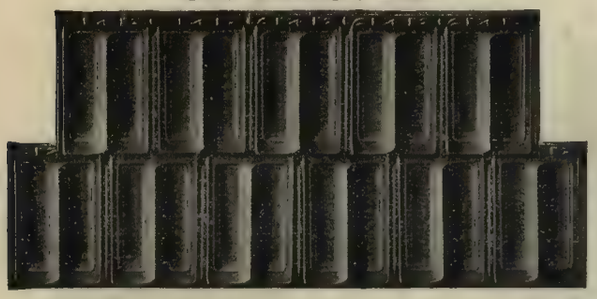
PORCH FLASHING

	Per Lineal Foot
Painted	$0.12
Galvanized	.14

Weight Per Lin. Foot About ⅜ Pound.

Metropolitan Metal Shingles.

OLD MISSION TILE



Style E. Per Square
Style "E"—Galvanized, with Cleats.....**$8.35**
Weight Per Square About 89 Pounds.

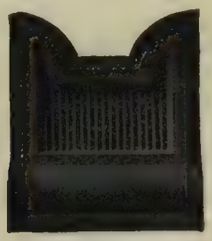
GOTHIC

Style F. Per Square
Style "F"—Galvanized, with Cleats.....**$8.35**
Weight Per Square About 89 Pounds.

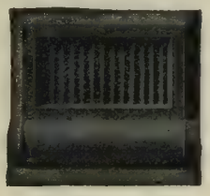
Stamped in Continuous Sheets, each section containing six individual shingles 10x14 in., some of continuous sections 14x55 in., 22 sections sufficient to cover one square.

Two Squares in a Crate.

Cresting Blocks.



Galvanized.
Each
No. 408—Length 7 in., Height 6 in.....**$0.45**
Weight Each About ½ Pound.



Galvanized.
Each
No. 410—Length 7 in., Height 4½ in.....**$0.36**
Weight Each About ½ Pound.

Galvanized.
Each
No. 206—Length 8 in., Height 5 in.....**$0.45**
Weight Each About ½ Pound.

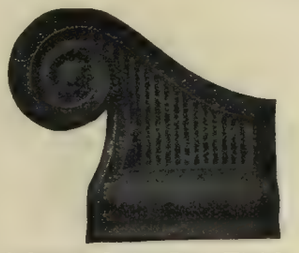
Made to Fit 1½ and 2 inch Ridge Roll. State Size Wanted When Ordering.

Tile Blocks.

Galvanized.
Each
No. 920—Length 9 in., Height 6 in.....**$0.70**

Weight Each About ¾ Pound.

Gable Finials.



Galvanized, for Roll Finish.
Each
No. 915—Length 10 in., Height 8 in., Wt. Each About ¾ Lb.**$0.90**
No. 915A—Length 12 in., Height 10½ in., Wt. Each Abt. 1 Lb. **1.35**
Made to Fit 1½ or 2 inch Ridge Roll or Plain V Capping.

Galvanized, for Roll Finish.
Can also be Used at Lower End of Hips.
Each
No. 914—Length 8 in., Height 8 in.....**$1.15**
Weight Each About ½ Pound.
Made to Fit 2 in. Ridge Roll Only.

Hip Finial.

Galvanized, for Roll or Plain Finish.
Each
No. 917—Length 12 in., Height 11 in.....**$3.35**

Weight Each About ½ Pound.

Gable Finial.

Galvanized, for Plain Finish or 2 in. Ridge Roll.
Each
No. 918—Length 9 in., Height 12 in.....**$1.70**
Weight Each About 1¼ Pounds.

Hip Finial.

Galvanized, for Plain Finish or 2 in. Ridge Roll.
Each
No. 919—Length 11 in., Height 12 in.....**$1.70**
Weight Each About 1 Pound.

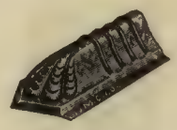
Ornamental Ridge and Hip Tile

RIDGE AND HIP TILE

No. 922.

Showing Ridge Tile Applied.

STARTERS



No. 922-A.

Galvanized Steel.

	Each
No. 922—14 in. Long, Covers 12 in.	$0.12

Weight Each About ¾ Pound.

Galvanized Steel.

	Each
No. 922A—Starters, for Use with No. 922 Ridge and Hip Tile	$0.23

Weight Each About ⅔ Pound.

Hip Finials.

Galvanized Steel.

	Each
No. 923—Hip Finials	$1.35

Weight Each About 1¼ Pounds.

Gable Finials.

Galvanized Steel.

	Each
No. 924—Gable Finials	$1.35

Weight Each About 1 Pound.

Titelock Spanish Tile.

SPANISH ROOF TILE

Painted.	Per Square
IC Tin	$14.50
IX Tin	16.65

Galvanized.	Per Square
IC Tin	$18.90
IX Tin	21.10

SPANISH STARTER OR EAVES TILE

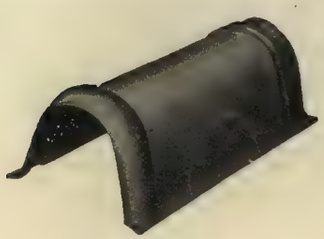
Painted.	Per Square
IC Tin	$
IX Tin	

Galvanized.	Per Square
IC Tin	$
IX Tin	

One Square consists of 144 Tiles, sufficient to cover 100 Square Feet of Surface.
One Square in a Box.
Weight Per Square About 120 Pounds.
Starter Tile $0.12 Extra Per Lineal Foot.

Trimmings.

SPANISH HIP TILE



Covering Length 12½ Inches.

	Each
Painted, Tin Plate	$0.38
Galvanized, Tin Plate	.51

Weight Each About 1½ Pounds.

SPANISH HIP FINIAL

Height 18 Inches.

	Each
Painted	$5.00
Galvanized	6.15

Weight Each About 3 Pounds.

Trimmings.

SPANISH RIDGE TILE

Covering Length 17 Inches.

	Each
Painted, Tin Plate	$0.56
Galvanized, Tin Plate	.78

Weight Each About 2 Pounds.

SPANISH GABLE FINIAL

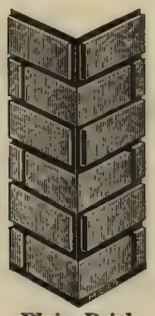
Height 24 Inches.

	Each
Painted	$6.70
Galvanized	7.80

Weight Each About 5 Pounds.

Steel Corners.

Discount on Application.



Plain Brick.
No. 112.

	Per Lineal Foot
Painted 4 in. Face	$0.09
Galvanized, 4 in. Face	.13

Weight Per Lineal Foot About ¾ Lb.

Rock Faced Brick.
No. 111.

	Per Lineal Foot
Painted, 4 in. Face	$0.11
Galvanized, 4 in. Face	.15

Weight Per Lineal Foot About ¾ Lb.

Rock Faced Stone.
No. 109.

	Per Lineal Foot
Painted, 12 in. Face	$0.32
Galvanized, 12 in. Face	.44

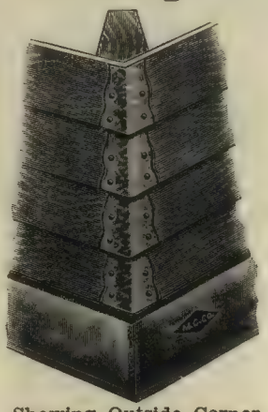
Weight Per Lineal Foot About 1½ Lbs.

Metal Building Corners.

Outside Corner.

Outside Corner, Galvanized.	Per 1000
No. 4—3½ in. Long, Weatherboard Laid 3 in. to Weather, App. Weight Per 1000, 80 Lbs.	**$26.65**
No. 6—4½ in. Long, Weatherboard Laid 4 in. to Weather, App. Weight Per 1000, 96 Lbs.	**28.90**
No. 8—5½ in. Long, Weatherboard Laid 5 in. to Weather, App. Weight Per 1000, 116 Lbs.	**31.10**

500 in a Box.



Showing Outside Corner Applied.

Inside Corner.

Inside Corner, Galvanized.	Per 1000
No. 40—3½ in. Long, Weatherboard Laid 3 in. to Weather, App. Weight Per 1000, 80 Lbs.	**$26.65**
No. 60—4½ in. Long, Weatherboard Laid 4 in. to Weather, App. Weight Per 1000, 104 Lbs.	**28.90**
No. 80—5½ in. Long, Weatherboard Laid 5 in. to Weather, App. Weight Per 1000, 116 Lbs.	**31.10**

250 in a Box.

Metal Corners are being very extensively used and are very popular with the carpenter. They take the place of cornerboards to finish the corner of the building when weatherboard or lap siding is used. Time and expense is saved because it is not necessary to mitre the Weatherboard siding. The mitre effect is perfect and the appearance superior to wood corner-board.

Metal Corner Bead.

SUPERIOR

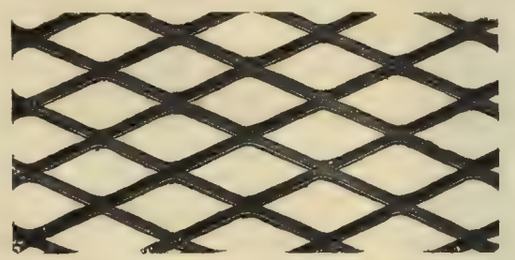
Galvanized.

	Per 100 Lineal Feet
Superior—1¼ in.	$6.70

Average Weight Per 100 Lineal Feet, 23 Pounds.

Expanded Metal Lath.

DIAMOND MESH



In 24x96 in. Sheets, 15 Sheets or 26¾ Square Yards in a Bundle.

Painted.	Per Square Yard
No. 24 Gauge—Approx. Weight Per Square Yard 3.4 Lbs.	**$0.36**
No. 27 Gauge—Approx. Weight Per Square Yard 2.34 Lbs.	**.29**
Galvanized.	Per Square Yard
No. 24 Gauge—Approx. Weight Per Square Yard 4.1 Lbs.	**$0.46**
No. 27 Gauge—Approx. Weight Per Square Yard 2.80 Lbs.	**.38**

Not carried in stock. Shipped F. O. B. Chicago, Ill.

Imperial Steel Brick Siding.

Size of Brick 2⅛x8½ in.

Painted.	Per Square
No. 28 Gauge—Sheets 28 in. Wide, 60 in. Long, Approx. Weight Per Square 64 Lbs.	$
Galvanized.	Per Square
No. 29 Gauge—Sheets 28 in. Wide, 60 in. Long, Approx. Weight Per Square 72 Lbs.	$
No. 28 Gauge—Sheets 28 in. Wide, 60 in. Long, Approx. Weight Per Square 78 Lbs.	

Steel Siding.

ROCK-FACE BRICK

Size of Brick 2⅛x8¼ in., Sheets 28 in. Wide, 60 in. Long.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 65 Lbs.....$.....

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 73 Lbs.....$.....
No. 28 Gauge—Approx. Weight Per Square 79 Lbs..... .....

ROCK-FACE STONE

No. 1—Size of Stone 7x12 in., Sheets 28 in. Wide, 60 in. Long.

Painted. Per Square

No. 28 Gauge—Approx. Weight Per Square 65 Lbs.....$.....

Galvanized. Per Square

No. 29 Gauge—Approx. Weight Per Square 73 Lbs.....$.....
No. 28 Gauge—Approx. Weight Per Square 79 Lbs..... .....

Steel Siding

ROCK-FACE STONE

No. 2—Size of Stone 9⅛x20 in., Sheets 28 in. Wide, 60 in. Long.

Painted.

Per Square

No. 28 Gauge—Approx. Weight Per Square 65 Lbs.....$.....

Galvanized.

Per Square

No. 29 Gauge—Approx. Weight Per Square 73 Lbs.....$.....
No. 28 Gauge—Approx. Weight Per Square 79 Lbs..... .....

Beaded Siding and Ceiling.

Beads ⅜ in. Wide, ⅛ in. Deep, 3 in. Apart from Center to Center, Sheets 24 in. Wide, 96 in. Long.

Painted.

Per Square

No. 28 Gauge—Approx. Weight Per Square 70 Lbs.....$.....

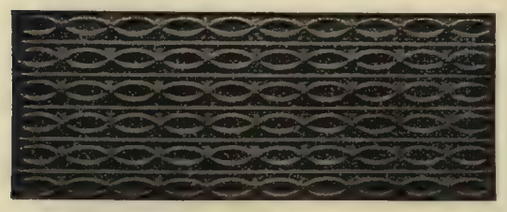
Galvanized.

Per Square

No. 29 Gauge—Approx. Weight Per Square 77 Lbs.....$.....
No. 28 Gauge—Approx. Weight Per Square 85 Lbs..... .....

No special tools required; the sheet should be lapped 1 or 2 inches at ends, and over crimp at side, sheets when beaded cover 24 inches from center to center of outside beads.

Embossed Steel Ceiling.



Painted.

Per Square

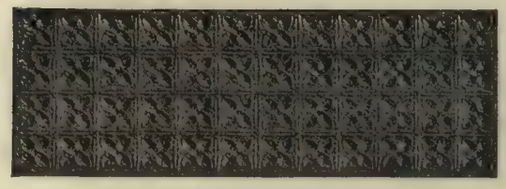
No. 1001—Sheets 24 in Wide, 96 in. Long, Primed One Coat, Approx. Weight Per Square 50 Lbs....$.....

Painted.

Per Square

No. 1100—Sheets 24 in. Wide, 96 in. Long, Primed One Coat, Approx. Weight Per Square 50 Lbs....$.....

Embossed Steel Ceiling.



Painted.

Per Square

No. 1806—Sheets 24 in. Wide, 96 in. Long, Primed One Coat, Approx. Weight Per Square 50 Lbs.....$.....

Embossed Cornice.

Painted White.

Per Lineal Foot

No. 1150—4 in. Wide, 4 in. Projection, 48 in. Long, Suitable for Use with Nos. 1001, 1100 or 1806 Ceiling $0.07

Metal Ceilings and Side Walls.

"Invisible Joint"

REPRESSED BEADS **DIE CUT NAIL HOLES**

"Invisible Joint" metal ceilings are furnished with repressed beads and die cut nail holes, thereby eliminating one-third of the cost of erection, as each plate fits perfectly, because made from dies milled to the 1/1000 part of an inch. The erector can give his customer a perfect fitting ceiling at a very low cost for erection. The punched nail holes eliminate the necessity of driving nails through four thicknesses of steel on the corners of the plates and save wear and tear. All plates are trimmed on four sides by an automatic process, which leaves the corners rounded instead of square, eliminating bending or turning in handling.

DIE CUT NAIL HOLES. REPRESSED BEADS.

"Invisible Joint" metal ceilings embody the best thought and skill of the most experienced designers and artisans in ornamental metal.

The designs represent the last word in metal ceiling manufacture and disclose at a glance the influence of a master mind and the touch of a master hand imbued with a full appreciation of the beautiful. We are continually adding new designs with up-to-the minute patterns and creations.

The "Invisible Joint" greatly simplifies the erection of steel ceilings and all joints are absolutely tight—no calking required. They can be applied to bare joists or over old plaster, without removing it, by furring with ⅞x1¼ in. strips for the lapping joints, or to solid wood sheathing without strips.

CLEAN CUT NAIL HOLES SAVE MECHANIC'S FINGERS

The Punched Nail Hole Means a Better Job at Lower Cost.

Complete Catalog will be Sent on Application.

Metal Ceilings.

"Invisible Joint"

STUCCO No. 2278

Cornice (9 in. Deep), No. 2231; Filler, No. 1743; Moulding No. 1925; Field, No. 2206.
This stucco plate offers unlimited possibilities of tasteful decoration.

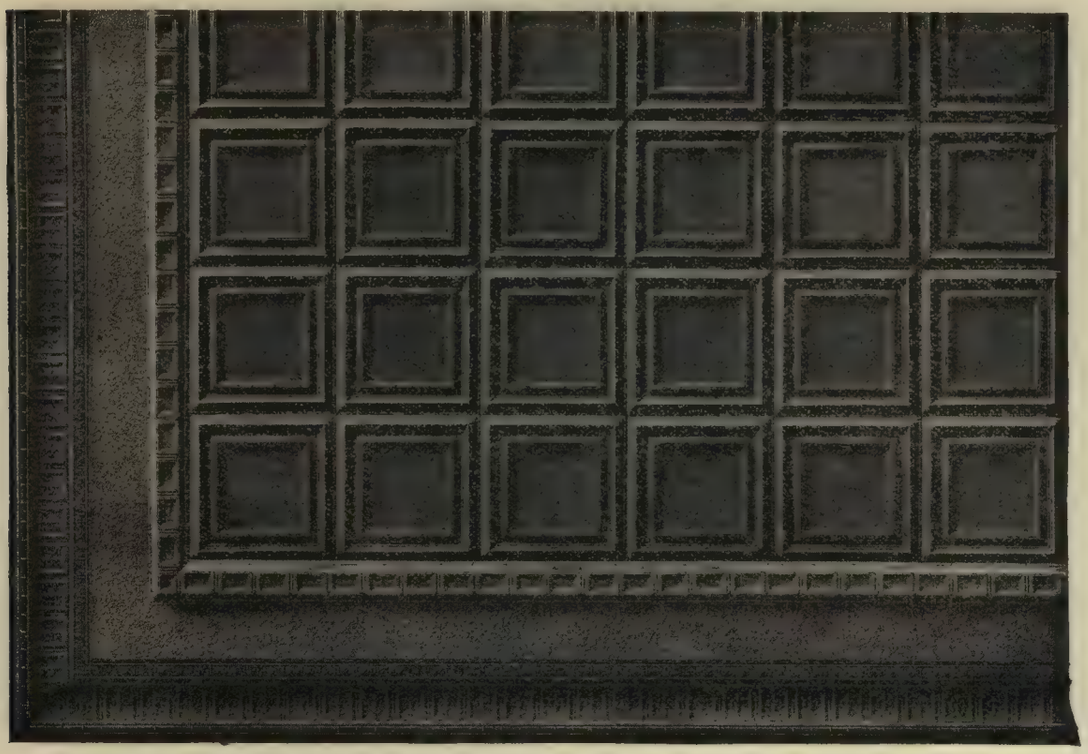
STUCCO No. 2277

Cornice (9 in. Deep), No. 2231; Filler, No. 1743; Moulding, No. 1925; Field, No. 2207.
The artistic value of this design needs no comment. It may be used in a room of any size or shape.
Complete Catalog will be Sent on Application.

Metal Ceilings.

"Invisible Joint"

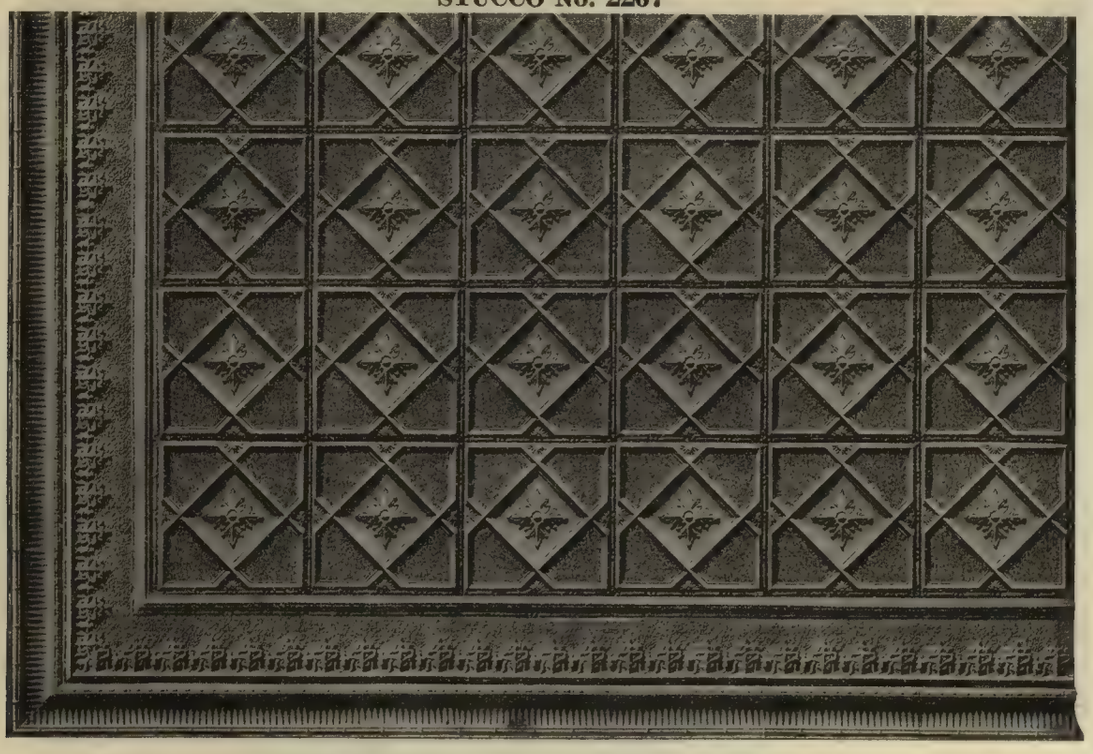
STUCCO No. 2276



Cornice (9 in. Deep), No. 2231; Filler, No. 1743; Moulding, No. 1925; Field, No. 2208.

This plain panel, which may be erected without the use of furring strips, fills a long felt want in the metal ceiling field. The narrow band of stipple around plate No. 2208 eliminates any possibility of buckling.

STUCCO No. 2267



Cornice (6 in.), No. 1932; Filler, No. 2141; Moulding, No. 2122; Field Plate, No. 2202.

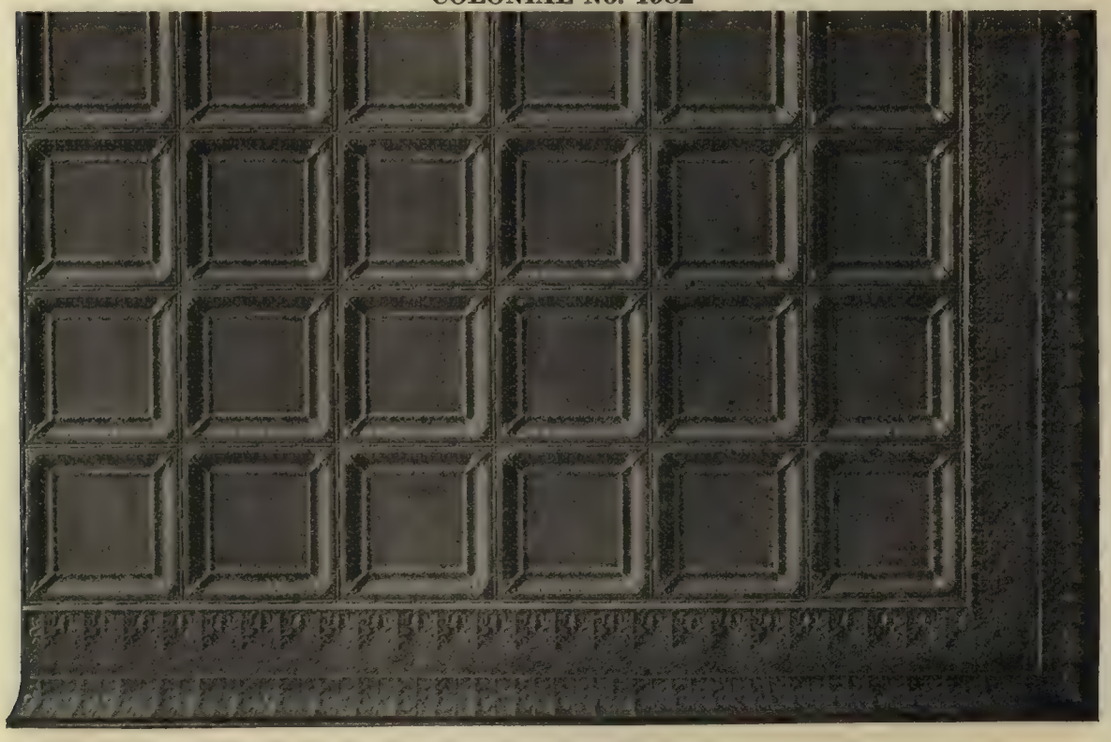
The diagonal effect produced by this plate is one of its many desirable qualities as a decorative agent. The enrichment shown in No. 2202 increases its beauty, yet preserves the straight line effect.

Complete Catalog will be Sent on Application.

Metal Ceilings.

"Invisible Joint" TRADE MARK

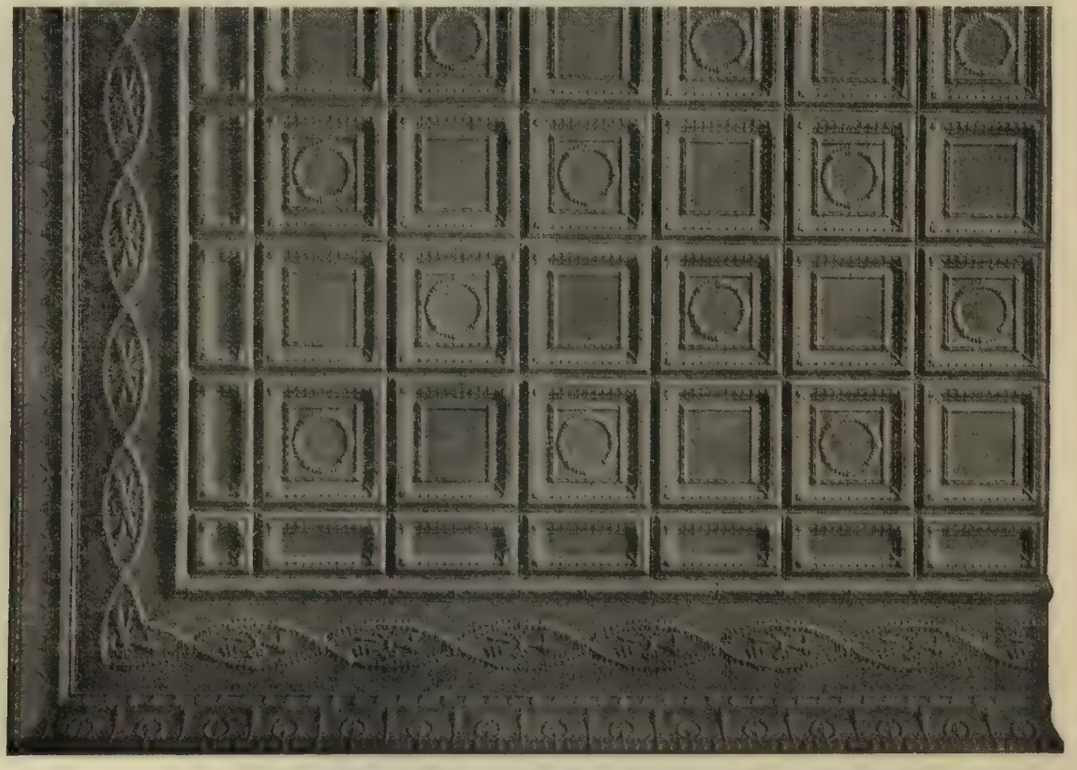
COLONIAL No. 1982



Cornice (6⅜ in.), No. 1833; Filler, No. 2141; Panel, 1¼ in. Deep, No. 1907.

In this design we have arranged a deep and handsome plate with filler and cornice only, resulting in a low list price and producing a combination that can be erected at a minimum cost. 1x1¼ in. furring strips are required for plate No. 1907.

COLONIAL No. 1975



Cornice (9 in.), No. 1931; Filler, No. 1940; Moulding, No. 1921; Panels, Nos. 1910 and 1911.

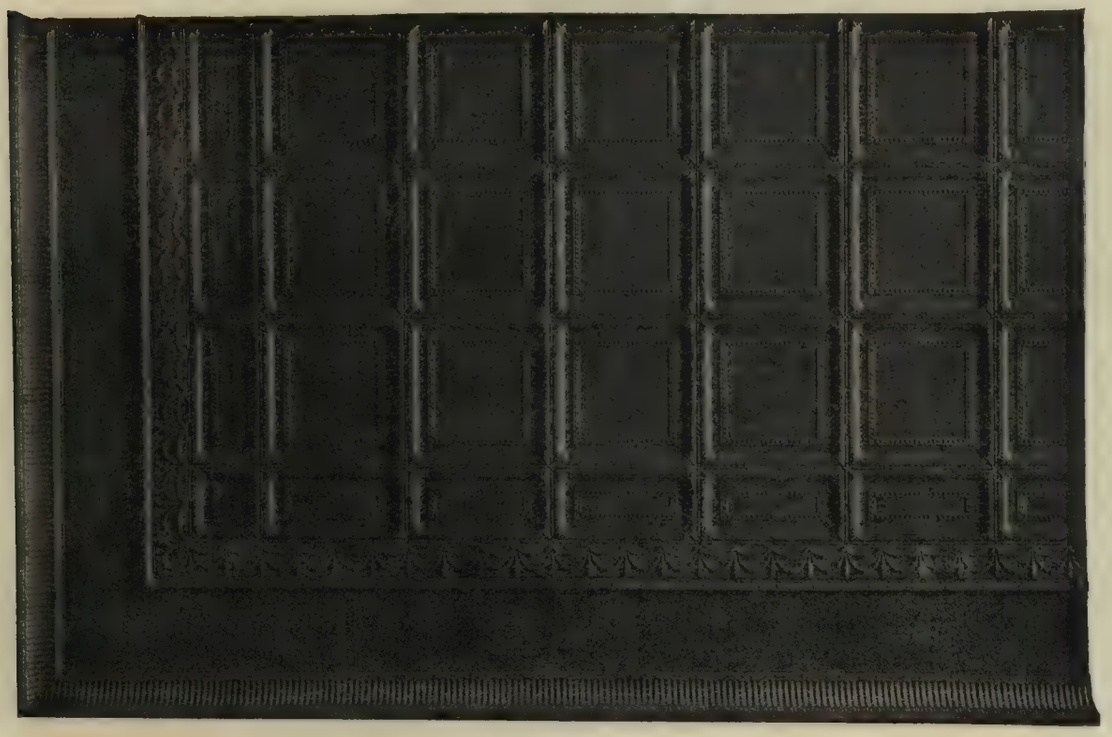
This deep panel can be applied to solid sheathing or old wood ceilings without wood strips if desired, as the beads recede to the ground. A deep and effective design.

Complete Catalog will be Sent on Application.

Metal Ceilings.

"Invisible Joint" TRADE MARK

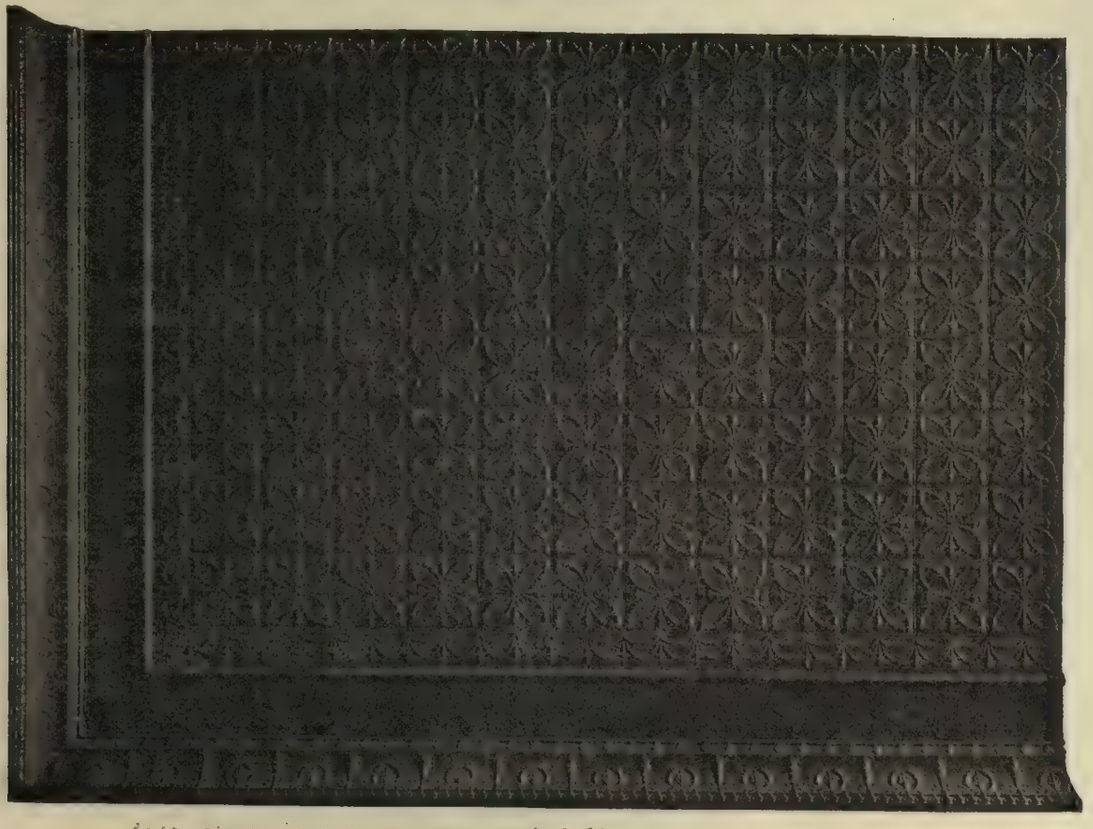
COLONIAL No. 1973



Cornice (6 in.), No. 1932; Filler, No. 1941; Panels, No. 1908.

This is an excellent ceiling design at an extremely low cost. Panels Nos. 1908 and 1909 can be applied only on furring strips.

COLONIAL No. 1967



Cornice (9 in.), No. 1931; Border, No. 1941; Plate, No. 1904.

If used for very large rooms, this design can be improved by the addition of a mould between the border and field and across the room at intervals.

Complete Catalog will be Sent on Application.

Metal Ceilings.

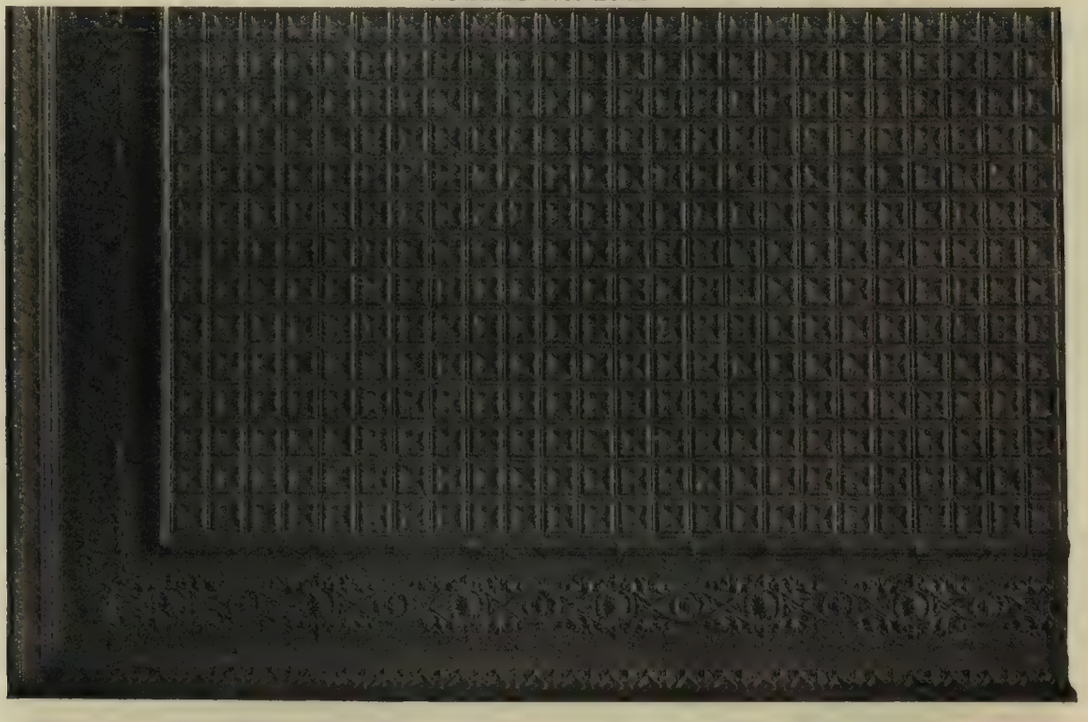
"Invisible Joint"

GOTHIC No. 1773

Cornice (12 in.), No. 1730; Filler, No. 1740; Moulding, No. 1720; Moulded Border, No. 1715; Field, No. 1702.

In rooms in which the ceiling follows the roof rafters forming slopes at the sides, to a point where it is carried straight across on jack rafters, this style of ceiling is suitable, the plates occupying the level portion of the ceiling with the cornice, filler, mould and border on the sloping sides.

GOTHIC No. 1766



Cornice (6½ in.), No. 1731; Filler, No. 1740; Moulding, No. 1722; Plate, No. 1706.

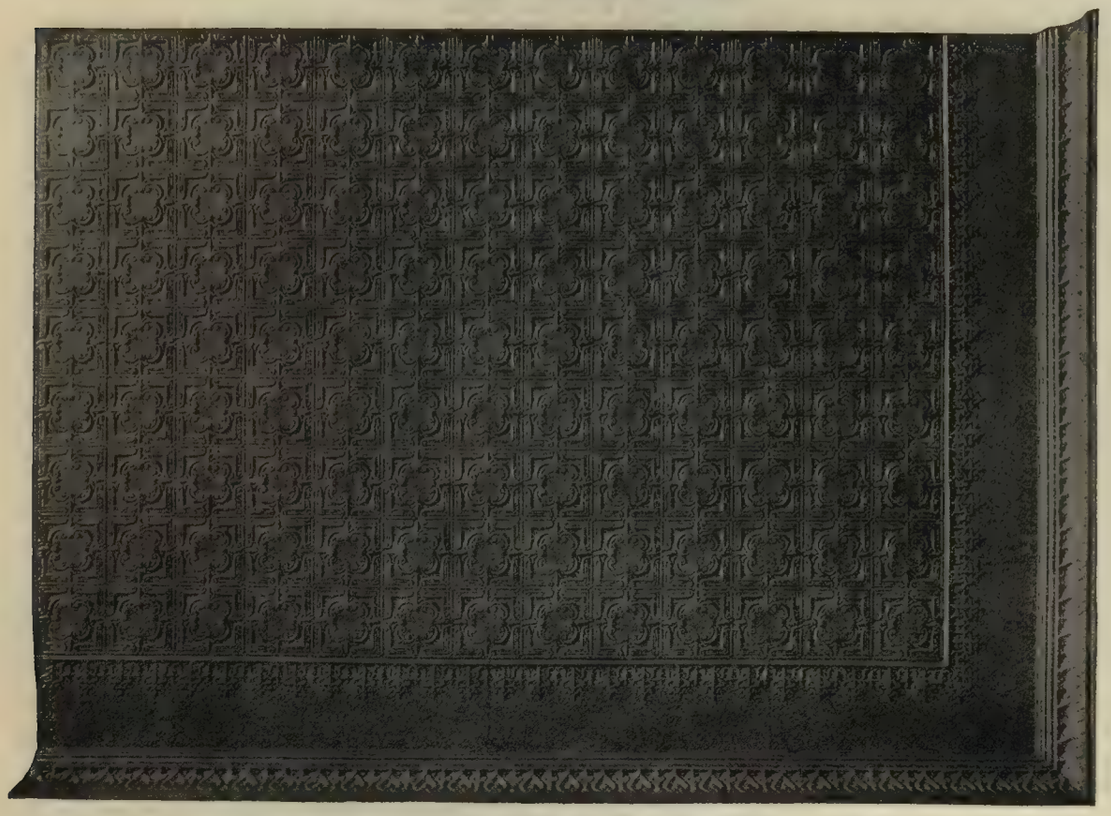
The Gothic style of ornament has been adapted almost exclusively for ecclesiastical purposes: The patterns which we show are pure in style and have been specified by the best church designers in the country.

Complete Catalog will be Sent on Application.

Metal Ceilings.

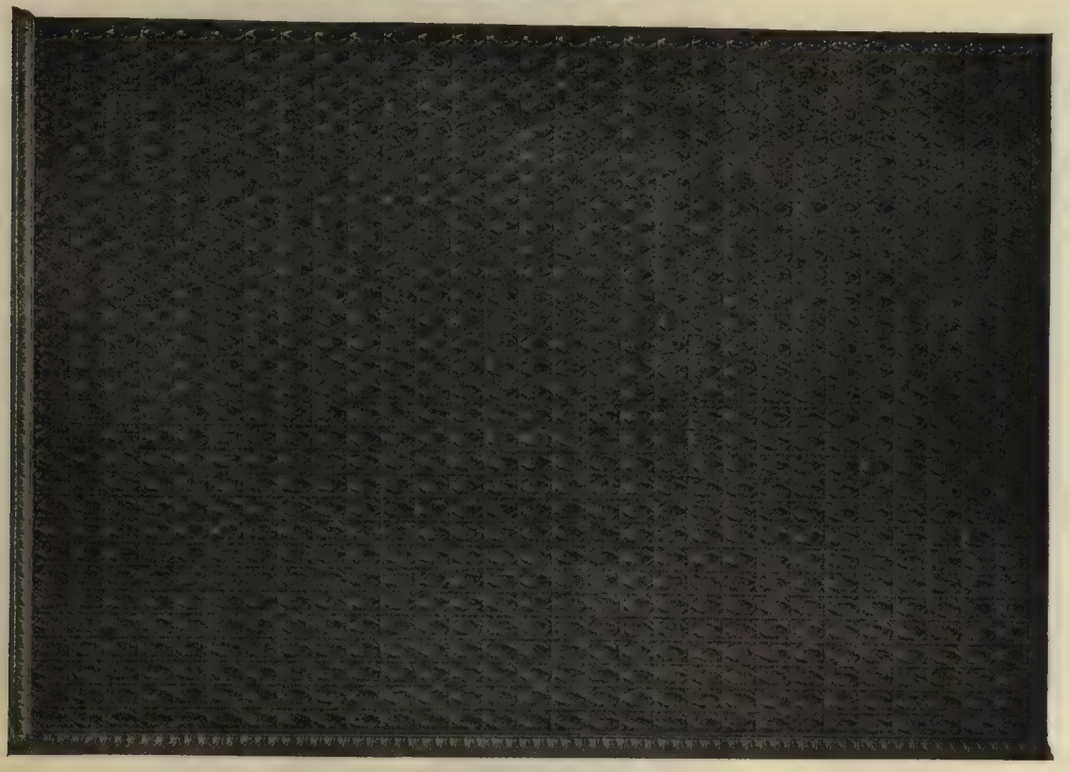
"Invisible Joint" TRADE MARK

MISCELLANEOUS No. 1125



Cornice (6½ in.), No. 1731; Filler, No. 2141; Plate, No. 1604.
This design is suitable for rooms of any size and can be applied to advantage in rooms of irregular shape.

MISCELLANEOUS No. 1066



Cornice (3 in.), No. 1134; Plate, 24x96 in., No. 1001.
A very cheap pattern which possesses all the advantages of any other steel ceiling, except that it is made for economy and utility rather than for beauty. **Complete Catalog will be Sent on Application.**

Metal Side Walls.

"Invisible Joint"

No. 2260

No. 2164

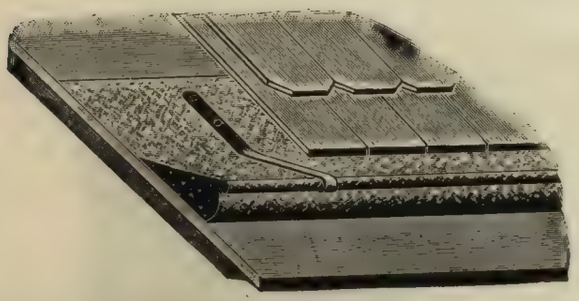
No. 1960

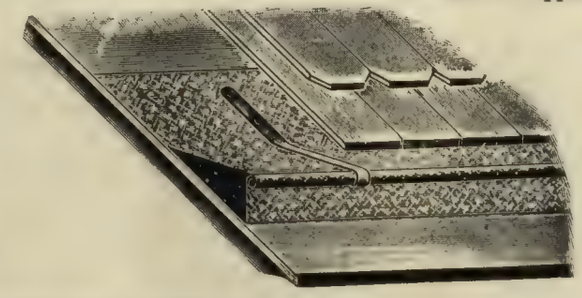
No. 1764

Complete Catalog will be Sent on Application.

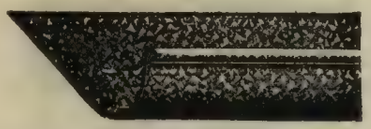
Roof Gutters.

Discount on Application.





The Above Engravings Show two Styles, "A" and "B," Roof Gutters. The Hangers are applied in such a manner as to leave no exposed nail or screw heads (as cuts readily show); therefore, there can be no leaks from splitting or nail holes, as in the old style way with wood fronts and wood brackets.



Style A—Plain, No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, In 10 ft. Lengths.

Girt, Inches	12	14	20	24
App. Height, Inches	3¼	4⅝	5½	6⅝
Per Foot	$0.30	.35	.50	.60

Style B—Plain, No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, In 10 ft. Lengths.

Girt, Inches	15	20	24
App. Height, Inches	3¼	4¾	6
Per Foot	$0.37	.50	.60

Style L—Plain, No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, In 10 ft. Lengths.

Girt, Inches	14	15	18	20	24
App. Height, Inches.	3½	3¾	3⅞	4½	5⅛
Per Foot	$0.35	.37	.45	.50	.60

Style D—No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, in 10 ft. Lengths.

Size, Inches	5	6	7	8
Depth, Inches	3	3⅞	5	5¾
Girt, Inches	12	15	18	20
Per Foot	$0.30	.37	.45	.50

Style E—No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, in 10 ft. Lengths.

Size, Inches	5	6	7	8
Depth, Inches	3½	4½	5	6¾
Girt, Inches	13	15	18	22
Per Foot	$0.35	.37	.45	.55

Style G—No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, In 10 ft. Lengths.

Size, Inches	3½	4	5	6	8
Depth, Inches	3¼	4	4¾	6	7⅛
Girt, Inches	10	13	15	18	22
Per Foot	$0.25	.35	.37	.45	.55

Roof Gutters.

Style H—No. 29 Gauge, Galvanized Steel, ⅝ in. Bead, In 10 ft. Lengths.

Size, Inches	5	6	7	8
Depth, Inches	3½	4½	4¾	5½
Girt, Inches	13	15	16	18
Per Foot	$0.35	.37	.40	.45

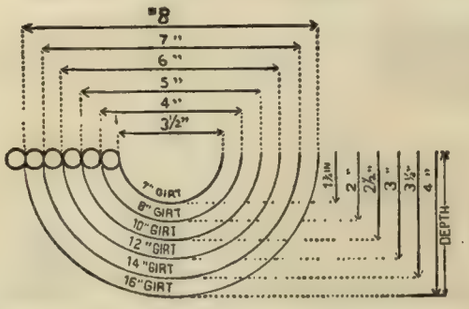
Roof Gutter Hangers.

Galvanized.

Size, Inches	12	13	15	17
Each	$0.08	.08	.08	.08

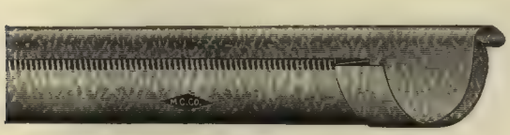
NOTE—Back of Trough is same Height as Bead Side. For High Backs add two and one-half Cents per foot to List Price for each additional inch added to Back.

Eaves Troughs.



Shows Depth and Girt of Different Sizes Eaves Trough.

SLIP JOINT, SINGLE BEAD, CRIMP EDGE



Galvanized Steel, Seamless, 10 ft. Lengths.

No. 29 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.15	.17	.19	.20	.25	.29	.33

No. 26 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.21	.23	.25	.26	.32	.37	.42

NOTE—When ordering Slip Joint Trough state whether right hand or left hand is wanted, otherwise half right and half left will be shipped.

LAP JOINT, SINGLE BEAD, CRIMP EDGE

Galvanized Steel, Seamless, 10 ft. Lengths.

No. 29 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.14	.16	.18	.19	.23	.27	.31

No. 26 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.20	.22	.24	.25	.30	.35	.40

SLIP JOINT, DOUBLE BEAD, REVERSIBLE

Galvanized Steel, Seamless, 10 ft. Lengths.

No. 29 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.18	.20	.22	.23	.28	.32	.36

No. 26 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.24	.26	.28	.29	.35	.40	.45

LAP JOINT, DOUBLE BEAD, REVERSIBLE

Galvanized Steel, Seamless, 10 ft. Lengths.

No. 29 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.17	.19	.21	.22	.26	.30	.34

No. 26 Gauge.

Inches	3½	4	4½	5	6	7	8
Girt, Inches	7	8	9	10	12	14	16
Per Foot	$0.23	.25	.27	.28	.33	.38	.43

Always State Whether Trough is Wanted with Lap or Slip Joint. We Always Ship Slip Joint, unless Otherwise Specified.
250 Feet in a Crate.

Eaves Trough Mitres.

ONE PIECE

Slip Joint Corner Mitre.

Lap Joint Corner Mitre.

Galvanized Steel, Single Bead.

Lap Joint, Outside or Inside.

Inches	3½	4	4½	5	6
Per Dozen	$3.25	3.50	4.00	4.00	5.00

Slip Joint, Outside or Inside.

Inches	3½	4	4½	5	6
Per Dozen	$4.25	4.50	5.00	5.00	6.00

Galvanized Steel, Double Bead.

Lap Joint, Outside or Inside.

Inches	3½	4	4½	5	6
Per Dozen	$4.25	4.50	5.00	5.00	6.00

Slip Joint, Outside or Inside.

Inches	3½	4	4½	5	6
Per Dozen	$5.25	5.50	6.00	6.00	7.00

When Ordering "Slip Joint Mitres," state Whether Right or Left Hand is Wanted, and Whether for "Inside" or "Outside" Corner; otherwise Half Rights and Half Lefts, and Half "Inside" and Half "Outside" Corner Mitres will be Supplied.

Discount on Application.

Eaves Trough Ends and Drops.

D

Style D—Galvanized Steel, 12 in. Long.

Single Bead.

Inches	3½	4	4½	5	6
App. Wt. Per Doz., Lbs.	6	7	7½	8	10
Per Dozen	$2.50	2.70	3.00	3.00	3.60

Double Bead.

Inches	3½	4	4½	5	6
App. Wt. Per Doz., Lbs.	7	8	9	10	11½
Per Dozen	$3.10	3.30	3.60	3.60	4.30

Eaves Trough End Caps.

C

Galvanized Steel.

Inches	3½	4	4½	5	6
App. Wt. Per Doz., Lbs.	1¼	1½	1¾	2	2½
Per Dozen	$1.30	1.50	1.60	1.60	1.90

Eaves Trough Outlets.

B

Galvanized Steel.

Inches	2	3	4
App. Wt. Per Doz., Lbs.	1	2	3
Per Dozen	$0.80	1.00	1.20

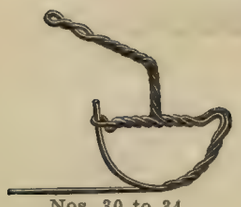
Eaves Trough Hangers.

MILWAUKEE EXTENSION

Heavy Galvanized Steel Wire, Single Bead.

Nos.	30	31	32	33	34
Inches	3½	4	4½	5	6
App. Wt. Per Gross, Lbs.	25	25	27	27½	37
Per Gross	$2.75	2.75	3.00	3.00	3.50

Will hang a Trough Straight on any Roof Because it has a Bottom Brace.

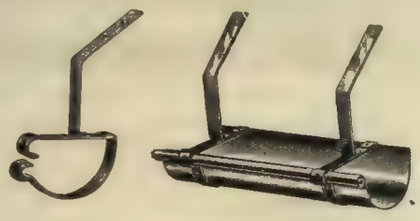

Nos. 30 to 34.

BAKERS'

Heavy Galvanized Steel Bottom Strap, Strong Hoop Steel Upper Straps, Single Bead.

Nos.	120	121	122	123
Inches	3½	4	5	6
App. Wt. Per Gross, Lbs.	30	33	37	42
Per Gross	$4.90	4.90	4.90	6.70

All Parts are Firmly Riveted together, Impossible to work loose. There being no Solder, Bolts or Nuts used in its construction, or in Fastening it to the Trough.


Nos. 120 to 123.

ECLIPSE

Single Bead.

Heavy Galvanized Steel Wire, Double Twisted.

With Assorted Stems.

Nos.	21	22	23	24	25	26	27
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	20	21	24	25	35	39	42
Per Gross	$2.75	2.75	3.00	3.00	3.50	4.00	4.50

With 11 Inch Stems.

Nos.	41	42	43	44	45	46	47
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	23	24	25½	27	37	41	44
Per Gross	$3.25	3.25	3.50	3.50	4.00	4.50	5.00

Single Bead.

Double Bead.

Double Bead.

Heavy Galvanized Steel Wire, Double Twisted.

With Assorted Stems.

Nos.	51	52	53	54	55	56	57
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	22	25	26	26	37	42	44
Per Gross	$3.00	3.00	3.25	3.25	3.75	4.25	4.75

With 11 Inch Stems.

Nos.	61	62	63	64	65	66	67
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	25	25	27	28	39	43	45
Per Gross	$3.50	3.50	3.75	3.75	4.25	4.75	5.25

ADJUSTABLE STEEL

SINGLE BEAD

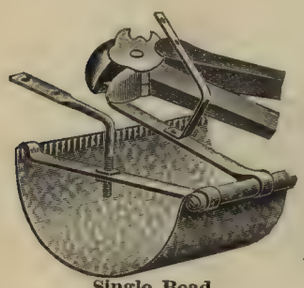
Galvanized Steel Cross Bar.

With Rods and Nuts Complete.

Nos.	71	72	73	74	75	76	77
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	34	35	38	39	40	47	49
Per Gross	$4.00	4.25	4.35	4.50	5.00	6.00	8.00

With Straps Riveted on Cross Bars; All Galvanized.

Nos.	81	82	83	84	85	86	87
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	38	39	40	42	49	50	54
Per Gross	$3.50	3.75	3.85	4.00	4.50	5.50	7.50


Single Bead.

Double Bead.

DOUBLE BEAD

Galvanized Steel Cross Bar.

With Rods and Nuts Complete.

Nos.	91	92	93	94	95	96	97
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	36	40	40	40	41	49	52
Per Gross	$4.25	4.50	4.60	4.75	5.25	6.25	8.25

With Straps Riveted on Cross Bars, All Galvanized.

Nos.	101	102	103	104	105	106	107
Inches	3½	4	4½	5	6	7	8
App. Wt. Per Gross, Lbs.	39	41	45	51	54	58	60
Per Gross	$3.75	4.00	4.10	4.25	4.75	5.75	7.75

Each

No. 16—Tongs, to Apply Adjustable Steel Eaves Trough Hangers $0.90

Conductor Pipes.

Discount on Application.

CORRUGATED ROUND, EXPANDING

Galvanized Steel, 10 ft. Lengths.

No. 29 Gauge.

Inches	2	3	4	5	6
App. Wt. Per 100 Ft., Lbs.	46	59	76	88	107
Per Foot	$0.13	.15	.20	.25	.30

No. 26 Gauge.

Inches	2	3	4	5	6
App. Wt. Per 100 Ft., Lbs.	60	76	97	119	145
Per Foot	$0.19	.21	.28	.34	.40

PLAIN ROUND, LOCK SEAM

Galvanized Steel, 10 ft. Lengths.

No. 29 Gauge.

Inches	2	3	4	5	6
App. Wt. Per 100 Ft., Lbs.	40	59	76	87	108
Per Foot	$0.13	.15	.20	.25	.30

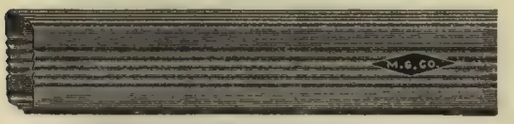
No. 26 Gauge.

Inches	2	3	4	5	6
App. Wt. Per 100 Ft., Lbs.	50	70	97	119	145
Per Foot	$0.19	.21	.28	.34	.40

250 Feet in a Crate.

Conductor Pipes.

CORRUGATED SQUARE, EXPANDING



Galvanized Steel, 10 ft. Lengths.

No. 29 Gauge.

Inches	2	3	4	5
Dimensions of Pipe, In.	1¾x2¼	2⅜x3¼	2¾x4¼	3¾x5
App. Wt. Per 100 Ft., Lbs.	46	59	80	95
Per Foot	$0.15	.17	.22	.27

No. 26 Gauge.

Inches	2	3	4	5
Dimensions of Pipe, In.	1¾x2¼	2⅜x3¼	2¾x4¼	3¾x5
App. Wt. Per 100 Ft., Lbs.	49	77	101	130
Per Foot	$0.21	.23	.30	.36

250 Feet in a Crate.

Conductor Elbows.

CORRUGATED ROUND, EXPANDING

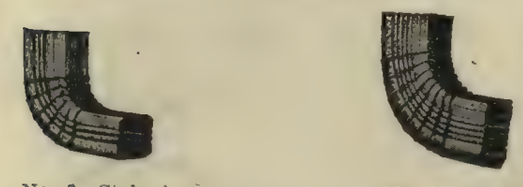
No. 1. Angle 45°. No. 2. Angle 60°. No. 3. Angle 75° No. 4. Angle 90°.

Flat Crimp, Galvanized Steel.

Inches	2	3	4	5	6
App. Wt. Per Dozen, Lbs.	4½	6	9½	17	21
Nos. 1, 2, 3 and 4.....Per Doz.,	$3.60	4.32	7.20	15.00	18.00

Conductor Elbows.

CORRUGATED SQUARE



No. 3. Style A. No. 3. Style B.

Flat Crimp, Galvanized Steel.

Inches	2	3	4	5
App. Wt. Per Dozen, Lbs.	4	6	9	14
Nos. 1, 2, 3, Style A & 3, Style B..Doz.,	$4.80	6.00	7.80	12.00

PLAIN ROUND

No. 1. No. 4.

Flat Crimp, Galvanized Steel.

Inches	2	3	4	5	6
App. Wt. Per Dozen, Lbs.	3½	6	9½	14	19½
Nos. 1, 2, 3 and 4.....Per Doz.,	$3.60	4.32	7.20	15.00	18.00

Conductor Shoes.

CORRUGATED, ROUND

Corrugated, Round.

No. 3—Angle 75°.

Flat Crimp, Galvanized Steel.

Inches	2	3	4	5	6
App. Wt. Per Dozen, Lbs.	4	6	10	17	21
No. 3—Per Dozen	$4.80	5.76	9.00	18.00	21.60

PLAIN, ROUND

Flat Crimp, Galvanized Steel.

Inches	2	3	4	5	6
App. Wt. Per Dozen, Lbs.	3	6	10	16½	21
No. 3—Per Dozen	$4.80	5.76	9.00	18.00	21.60

Plain, Round.

No. 3—Angle 75°

Discount on Application.

Conductor Strainers.

No. 20—Galvanized Steel Wire.

Inches	2	3	4	5	6
App. Wt. Doz., Lbs.	1	1½	2	3½	5
Per Dozen	$1.50	2.00	3.00	3.50	4.00

Will Prevent Leaves and Similar Obstructions from getting into and stopping up the Conductor Pipe.

Rain Water Cut-Offs.

Young's.

No. 9—Round Corrugated, Galvanized, for Corrugated Pipe, with Strainer.

Inches	3	4
App. Wt. Per Doz., Lbs.	22	31
Per Dozen	$10.90	12.50

One Dozen in a Crate.

Rain Water Cut-Offs.

KUEHN'S KORRECT KUT-OFF

No Solder Used.

Discount on Application.

No. 6—Galvanized Steel, for Plain Round Pipe.

Inches	2	3	4
App. Wt. Doz., Lbs.	8	12	24
Per Dozen	$7.00	10.00	11.00
Inches	5	6	
App. Wt. Per Doz., Lbs.	42	56	
Per Dozen	$20.00	24.00	

No. 10—Corrugated, Galvanized for Corrugated Pipe.

Inches	2	3	4
App. Wt. Doz., Lbs.	11	13	24
Per Dozen	$7.50	8.00	11.00
Inches	5	6	
App. Wt. Per Doz., Lbs.	46	50	
Per Dozen	$20.00	24.00	

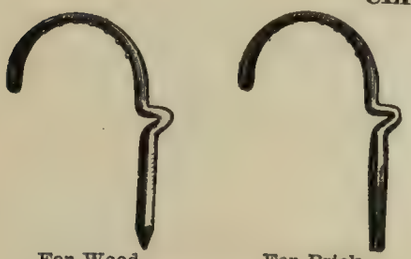
No. 15—Square, Corrugated, Galvanized, for Square Corrugated Pipe.

Inches	2	3
App. Wt. Per Doz., Lbs.	8	14½
Per Dozen	$8.00	10.00
Inches	4	5
App. Wt. Per Doz., Lbs.	17	22
Per Dozen	$14.00	24.00

2 to 4 inches, One Dozen; 5 and 6 inches, One-half Dozen in a Crate.

Conductor Hooks.

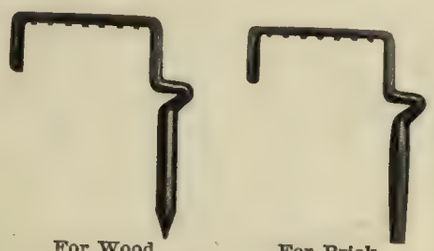
CLINCHER



For Wood. For Brick.

Tinned Steel.

Inches	2½	3	4
App. Wt. Per Doz., Lbs.	¾	1	1¼
No. 20—For Wood, Doz.	$0.24	.30	.42
No. 10—For Brick, Doz.	.27	.33	.51
Inches	5	6	
App. Wt. Per Doz., Lbs.	2½	3	
No. 20—For Wood, Doz.	$0.60	.72	
No. 10—For Brick, Doz.	.72	.90	



For Wood. For Brick.

Tinned Steel.

Inches	2	3
App. Wt. Per Doz., Lbs.	½	1
No. 40—For Wood, Doz.	$0.24	30
No. 30—For Brick, Doz.	.27	.33
Inches	4	5
App. Wt. Per Doz., Lbs.	1½	3
No. 40—For Wood, Doz.	$0.42	.60
No. 30—For Brick, Doz.	.51	.72

No. 1—Wrought Iron, Tinned, for Brick.

Inches	2	3	4
App. Wt. Per Doz., Lbs.	½	1	1½
Per Dozen	$0.72	.90	1.32
Inches	5	6	
App. Wt. Per Doz., Lbs.	3	5	
Per Dozen	$1.44	1.56	

Corrugated Hinged Hooks.

Galvanized.

Inches	2	3	4
App. Wt. Per Doz., Lbs.	1½	1¾	2¼
No. 75—For Wood., Dz.	$0.36	.48	.60
No. 100—For Brick, Dz.	.42	.54	.66
Inches	5	6	
App. Weight Per Doz., Lbs.	3	4	
No. 75—For Wood, Doz.	$0.90	1.02	
No. 100—For Brick, Doz.	.96	1.08	

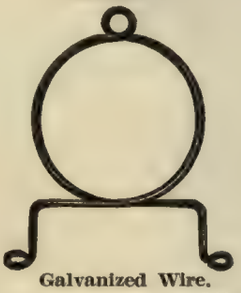
Flashing Hooks.

Malleable Iron, Tinned.

No.	2
Inches	2½
App. Weight Per 100, Lbs.	3½
Per 100	$1.15

Conductor Hangers.

IWAN'S



Galvanized Wire.

Inches	2½	3	4
Gauge of Wire	12	11	10
App. Wt. Per Doz., Lbs.	¼	⅓	1
Per Dozen	$0.27	.30	.36
Inches	5	6	
Gauge of Wire	9	8	
App. Wt. Per Doz., Lbs.	1¼	1½	
Per Dozen	$0.42	.48	

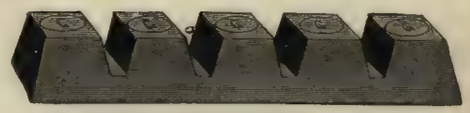
The Hanger can be Tightened as Desired, by Giving the Eye a Twist. For 2 inch Corrugated Pipe 2½ inch Hanger is Required. Other Pipe Runs Uniform.

Solder.

	Per Pound
No. XX—Warranted, Half and Half, 50x50	$.....
No. X—Commercial, Half and Half, 45x55	.....
No. 1—Refined, 40x60	.....

Babbitt Metal.

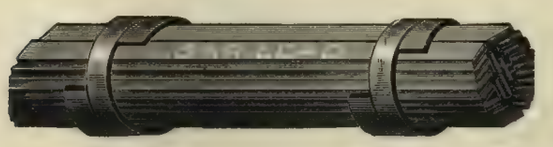
Write for Market Prices.



Nos.	Magnolia	XX	Genuine	X	Ex. Quality	1	3	4
Per Pound	$							

About 50 Pounds in a Box.

Bar Lead.



	Per Pound
Bar Lead, 5 Oz. Bars	$.....

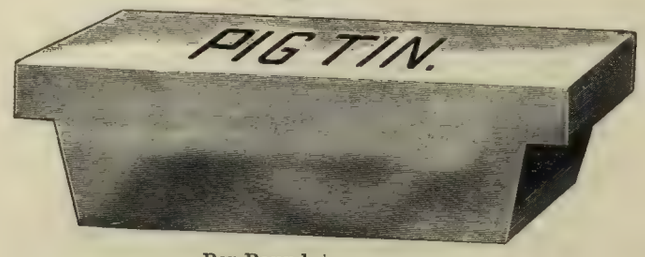
Twenty-five Pounds in a Box.

Pig Lead.

	Per Pound
Pig Lead	$.....

About One Hundred Pounds Each.

Pig Tin.



	Per Pound
Pig Tin, Large	$.....

About One Hundred Pounds Each.

	Per Pound
Pig Tin, Small	$.....

About Thirty Pounds Each.

Strip Tin.

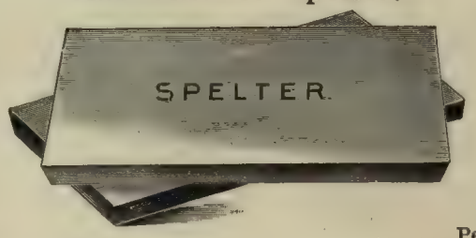
	Per Pound
Strip Tin, 4 Oz. Strips	$.....

Antimony.

	Per Pound
Cookson's Antimony	$.....

About Thirty-Five Pounds Each.

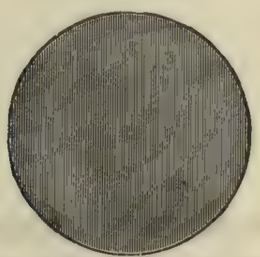
Slab Zinc or Spelter.



	Per Pound
Slab Zinc or Spelter	$.....

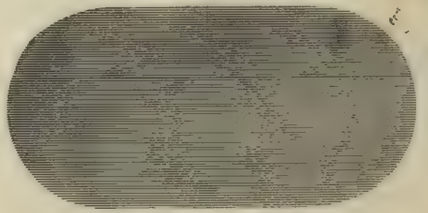
About Sixty Pounds Each.

Copper Bottoms.



Round Flats, for Tea Kettles.

Nos.	7	8	9
Size, Inches	9½	10½	11½
14 Oz., Ap. Wt. Doz., Lbs.	5	6½	7½
Per Pound	$.....	.....	.....

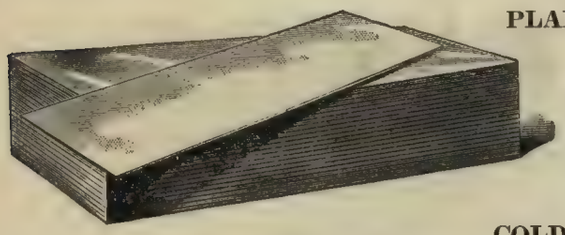


Oval Flats, for Boilers.

Nos.	8	9
Size, Inches	12x33	13x24
14 Oz., Ap. Wt. Per Dozen, Lbs.	16½	19½
16 Oz., Ap. Wt. Per Dozen, Lbs.	18¾	21¾
Per Pound	$.....	.....

Prices on Application.

Sheet Copper.



PLAIN SOFT SHEATHING

Tinned on One Side.

Weight Per Square Foot, Oz.	12	14	16
Size, Inches	14x48	14x48	14x48
App. Weight Per Sheet, Lbs.	3⅝	4	4½
English Wire Gauge, Nos.	27	26	25
Per Pound	$		
Tinning—Per Sheet	$		

COLD ROLLED, POLISHED

Tinned on One Side.

Weight Per Square Foot, Oz.	12	14
Size, Inches	14x48	14x48
App. Wt. Per Sheet, Lbs.	3⅝	4
English Wire Gauge, Nos.	27	26
Per Pound	$	
Tinning and Polishing—Per Sheet	$	

Boiler Sizes, Tinned on One Side.

Boiler Nos.	8	9	9
Weight Per Square Foot, Oz.	14	14	16
Size, Inches	14x56	14x60	14x60
App. Wt. Per Sheet, Lbs.	4¾	5	5¾
English Wire Gauge, Nos.	26	26	25
Per Pound	$		
Tinning and Polishing—Per Sheet	$		

COLD ROLLED, POLISHED

Boiler Sizes, Nickel Plated, Tinned on One Side.

Boiler Nos.	8	9
Weight Per Square Foot, Oz.	14	14
Size, Inches	14x56	14x60
App. Wt. Per Sheet, Lbs.	4¾	5
English Wire Gauge, Nos.	26	26
Per Sheet	$	

CORNICE COPPER, COLD ROLLED, NOT TINNED

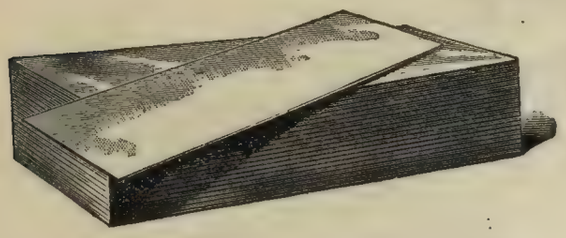
Wt. Per Square Foot., Oz.	14	14	14	16	16
Size, Inches	28x96	30x96	36x96	30x96	36x96
App. Wt. Per Sheet, Lbs.	...	...	...	20	24
English Wire Gauge, Nos.	...	...	...	26	25
Per Pound	$				

SOFT BRAZIERS'

Sheet 30x60 in.

Wire Gauge, Nos.	26	24	22	20	19	18	17	15½	14½	14
Weight Per Sheet, Lbs.	10	12½	15	20	25	30	35	40	45	50
Per Pound	$									

Sheet Brass.



SOFT HIGH

In Sheets, 12 in. Wide.

Nos., Stub's Gauge	3	4	5	6	7	8
Av. Wt. Sq. Ft., Lbs.	11.09	10.19	9.41	8.68	7.70	7.06
Per Pound	$0.50	.50	.50	.50	.50	.45
Nos., Stub's Gauge	9	10	11	12	13	
Av. Wt. Sq. Ft., Lbs.	6.33	5.73	5.13	4.66	4.06	
Per Pound	$0.45	.45	.45	.45	.45	

Sheets 6 to 7 Feet Long.

In Rolls, 12 in. Wide.

Nos., Stub's Gauge	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Av. Wt. Per Sq. Ft., Lbs.	3.55	3.08	2.78	2.48	2.10	1.80	1.50	1.37	1.20	1.07	.94	.86	.77	.68	.60
Per Pound	$0.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.47	.47	.47

Average Weight Per Roll 50 Pounds.

SOFT STENCIL

In Rolls, 16 in. Wide.

Nos., Stub's Gauge	30	31	32	33
Av. Wt. Per Sq. Ft., Lbs.	51	.42	.38	.34
Per Pound	$0.56	.58	.59	.60

Average Weight Per Roll 30 Pounds.

SPRING

In Rolls, 12 in. Wide.

Nos., Stub's Gauge.	16	18	20	22	.24	.26	.28
Av. Wt. Sq. Ft., Lbs.	2.75	2.10	1.50	1.20	.94	.77	.60
Per Pound	$0.47	.47	.47	.47	.47	.49	.49

Average Weight Per Roll 50 Pounds.

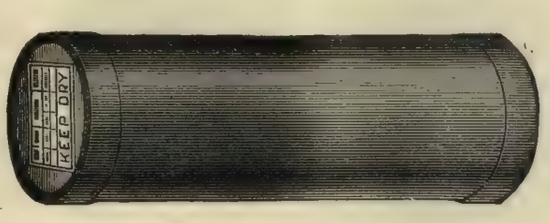
Hoop Brass, in Coils.

Width, Inches	7/16	½	⅝	¾	⅞	1	1¼	1½	1¾
Nos., Stub's Gauge	23	23	23	22	19	19	19	19	18
Per Pound	$0.51	.51	.47	.47	.47	.47	.47	.47	.47

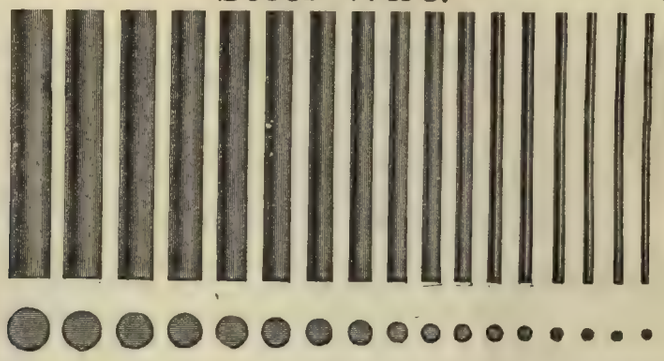
Average Weight Per Coil 10 Pounds.

Sheet Zinc.

	In 600 Lb. Casks, Per 100 Lbs.	In 300 Lb. Casks, Per 100 Lbs.	In 200 Lb. Casks, Per 100 Lbs.	In 100 Lb. Casks, Per 100 Lbs.	In Sheets Per 100 Lbs.
No. 9—30 in. Wide x 54 in. Long	.....	.....	.....	.....	.....
No. 9—26, 28, 30, 32, 34, 36 and 40 in. Wide x 84 in. Long.	.....	.....	.....	.....	.....
No. 12—36 in. Wide x 84 in. Long.	.....	.....	.....	.....	.....



Steel Wire.



Nos. 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Bright Steel Market.

Nos.	3	4	5	6	7	8
Per 100 Lbs.	$5.25	5.25	5.25	5.25	5.25	5.25
Nos.		9	10	11	12	13
Per 100 Lbs.		$5.25	5.35	5.50	5.60	5.85
Nos.		14	15	16	17	18
Per 100 Lbs.		$6.00	6.25	6.70	7.80	8.35

About 100 Pounds in a Bundle.

Tinned Steel Market.

Nos.	6	7	8	9	10
Per 100 Lbs.	$8.35	8.35	8.35	8.35	8.50
Nos.		11	12	13	14
Per 100 Lbs.		$8.60	8.70	8.90	9.15
Nos.		15	16	17	18
Per 100 Lbs.		$10.00	10.25	10.60	12.25

About 100 Pounds in a Bundle.

Coppered Steel Market.

Nos.	5	6	7	8	9
Per 100 Lbs.	$6.35	6.35	6.35	6.35	6.35
Nos.	10	11	12	13	14
Per 100 Lbs.	$6.50	6.60	6.70	6.90	7.15
Nos.		15	16	17	18
Per 100 Lbs.		$7.80	8.35	8.90	9.50

About 100 Pounds in a Bundle.

Coppered Steel Spring.

Nos.	2	3	4	5	6	7
Per 100 Lbs.	$8.35	8.35	8.35	8.35	8.35	8.35
Nos.	8	9	10	11	12	13
Per 100 Lbs.	$8.35	8.35	8.60	8.80	9.15	9.35
Nos.	14	15	16	17	18	
Per 100 Lbs.	$10.00	11.15	11.65	12.25	12.80	

About 100 Pounds in a Bundle.

Telephone Wire.

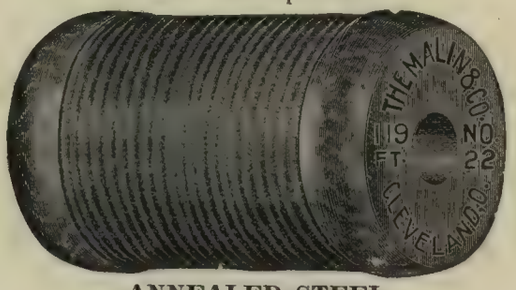
DOUBLE GALVANIZED

Nos.	12	14
Approximate Weight Per 1000 Feet, Lbs.	31.15	18.30
Approximate Weight Per Mile, Lbs.	164.46	96.65
Steel ..... Per Pound.	$0.08½	.09½
BB ..... Per Pound,	.09	.10

Half Mile Length in a Bundle.

Wire on Spools.

Discount on Application.



ANNEALED STEEL

Shellac Coated.

Nos.	18	20	22	24	26	28	30	32	34	36
½ Lb. Spools ..... Per Dozen,	$1.64	1.68	1.80	1.94	2.04	2.13	2.35	2.57	2.94	3.94

One Dozen in a Box.

SPRING BRASS

Shellac Coated.

Nos.	20	21	22	23	24	25	26	27	28
1 Lb. Spools ..... Per Dozen,	$7.50	8.00	8.20	8.50	8.60	9.00	9.20	10.34	11.48

One Dozen in a Box.

SOFT COPPER

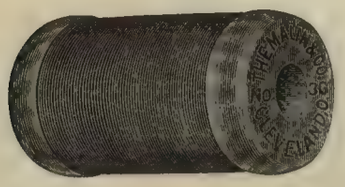
Shellac Coated.

Nos.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 Oz. Spools ..... Per Dozen,	$....	....	1.00	....	1.00	....	1.00	....	1.00	.....	1.00	.....	.....	.....	.....
½ Lb. Spools ..... Per Dozen,	3.90	3.90	3.90	3.90	3.90	4.20	4.40	4.60	4.70	4.80	4.90	5.52	6.12	6.48	7.44
1 Lb. Spools ..... Per Dozen,	7.50	7.50	7.50	7.50	7.50	8.00	8.20	8.50	8.60	9.00	9.20	10.34	11.48	12.14	13.94

One Dozen in a Box.

Hair Wire.

SHELLAC COATED



		Black			
Nos.	**28**	**30**	**32**	**34**	**36**
Per Dozen	$0.32	.32	.32	.32	.32
		Tinned.			
Nos.	**28**	**30**	**32**	**34**	**36**
Per Dozen	$0.34	.34	.34	.34	.34

One Dozen in a Box.

Retailers' Wire Assortment.

Per Assortment

No. 25—Retail Dealers' Stock Assortment, Contains **147 Spools** of Black and Tinned Annealed Steel, Copper and Brass Wire, Covering the Most Salable Sizes.....**$6.35**

Contents of Assortment.

12 Small Spools, Each, Nos. 28, 30, 32 and 34 Annealed Steel Wire.
12 Small Spools, Each, Nos. 28, 30 and 32 Tinned Annealed Steel Wire.
3 ¼ Lb. Spools, Each, Nos. 18, 20, 22, 24 and 26 Annealed Steel Wire.
6 1 oz. Spools, Each, Nos. 20, 22 and 24 Soft Brass Wire.
6 1 oz. Spools, Each, Nos. 20, 22 and 24 Soft Copper Wire.
3 ¼ Lb. Spools, Each, Nos. 18, 20, 22 and 24 Tinned Annealed Steel Wire.

One Assortment in a Box.

Annealed Steel Wire.

Discount on Application.

STONE

Annealed Steel Stone or Weaving.

Nos.	**16**	**17**	**18**	**19**	**20**
Per Pound	$0.14	.15	.16	.19	.20
Nos.	**21**	**22**	**23**	**24**	**25**
Per Pound	$0.21	.22	.23	.24	.25
Nos.	**26**	**27**	**28**	**29**	
Per Pound	$0.26	.28	.29	.30	
Nos.	**30**	**31**	**32**	**33**	**34**
Per Pound	$0.32	.33	.35	.37	.40

Twelve Pounds in a Stone.

Nos. 16 to 34.

STOVE PIPE

Annealed Steel Stove Pipe, in 50 ft. Coils.

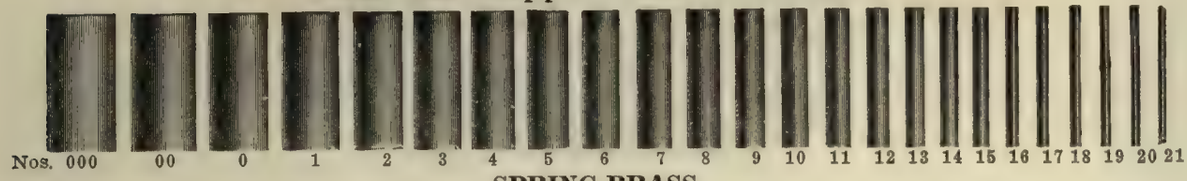
Per Dozen

No. 19—50 ft. in a Coil, for Family Use **$0.50**

One Dozen in a Box.

No. 19. Stove Pipe.

Brass and Copper Wire in Bundles.



SPRING BRASS

Nos., Stub's Gauge	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
Per Pound	$0.45	.45	.45	.45	.45	.45	.45	.45	.45	.45	.46
Nos., Stub's Gauge	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
Per Pound	$0.46	.46	.46	.46	.46	.47	49	.49	.52	.52	.58

Fifteen to Twenty-five Pounds in a Bundle.

HARD BRASS

Nos., Stub's Gauge	**000**	**00**	**0**	**1**	**2**
Per Pound	$0.45	.45	.45	.45	.45

Fifteen to Twenty-five Pounds in a Bundle.

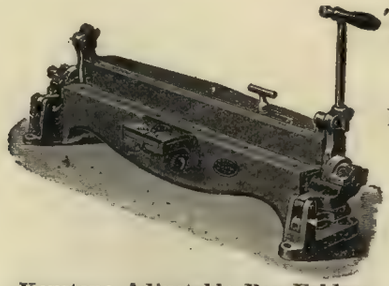
SOFT COPPER

Nos., Stub's Gauge	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
Per Pound	$0.47	.47	.47	.47	.47	.47	.47	.47	.47½	.47½	.48
Nos., Stub's Gauge	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
Per Pound	$0.48	.48½	.48½	.49	.49	.50	.50	.52	.52	.56	.56

Twenty-five to Fifty Pounds in a Bundle.

Tinners' Machines.

NIAGARA FOLDING MACHINES



Keystone Adjustable Bar Folders.

No. 1—Adjustable Gauge, Adjustable Stop, Will Fold No. 22 Iron not Less than $\frac{1}{16}$ in. Wide, Interchangeable Parts.

Length, Inches	30	36	42
For Locks, Inches.....	$\frac{3}{32}$ to 1	$\frac{3}{32}$ to 1	$\frac{1}{8}$ to 1$\frac{5}{8}$
Ap. Weight Each, Lbs.	230	275	510
Each	$76.00	114.00	171.00

Bends the edges of light sheet metal at various angles to form locks, square joints, etc., and forms rounded edges ready for inserting a wire.

NIAGARA ADJUSTABLE PIPE FOLDERS

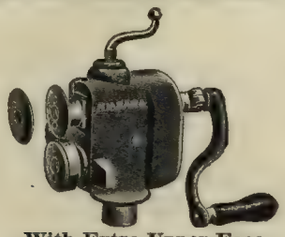
Steel Rod on Edge of Lower Bar.

Each

No. 5—30 in. Long, Adjustable Gauge for Locks from $\frac{1}{16}$ to $\frac{3}{8}$ in. Wide, Edges can be Turned on Sheets Longer than the Machine.....$28.00

Weight Each About 85 Pounds.

SUPERIOR ENCASED LARGE BURRING



With Extra Upper Face.

Extra Heavy Frame, Removable Faces, Adjustable Bronze Bearings, Interchangeable Parts.

Each

No. 11—2$\frac{1}{8}$ in. Between Shaft Centers, with Standard $21.00

Weight Each About 35 Pounds.

Treadle Attachment—To be Used in Place of Crank Screw 8.00

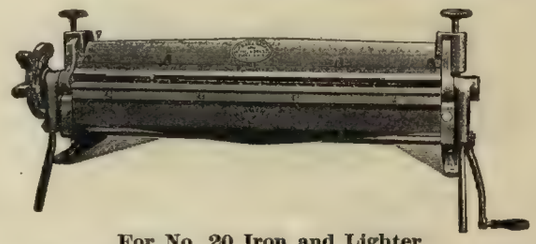
Heavy Sheet Iron Folders.

Extra Heavy, Adjustable Gauge, with Counterbalanced Folding Bar.

Each

No. 4—30 in. Long, for Locks from $\frac{1}{4}$ to 1 in., No. 20 Iron, Weight Each About 190 Lbs.....$60.00

UNIVERSAL FOLDER AND BRAKE



For No. 20 Iron and Lighter.

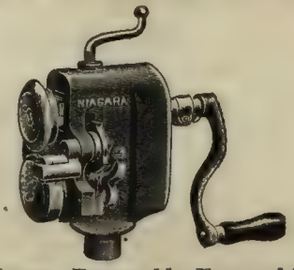
Solid Steel Folding Bar, Upper Edge $\frac{3}{8}$ in. Wide, Removable Reinforcing Bar, Combined Width 1 in., Removable Folding Blade, Adjustable Back Gauge from $\frac{1}{4}$ to 10 in., Back Gauge Rods Graduated in $\frac{1}{16}$ in., Adjustable Stops.

Each

No. 10—42 in. Long, Will Turn Sharp or Rounded Edges, Like a Folder, and Sheets can be Bent Any Distance from Both Ends, as on a Brake $140.00

Weight Each About 475 Pounds.

SUPERIOR ENCASED WIRING



Extra Heavy Frame, Removable Faces, Adjustable Bronze Bearings, Interchangeable Parts.

Each

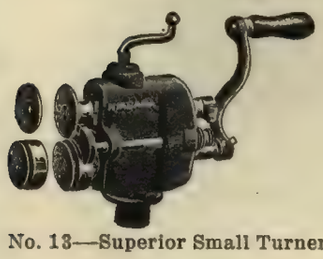
No. 12—2$\frac{7}{8}$ in. Between Shaft Centers, with Standard $28.00

Weight Each About 41 Pounds.

Treadle Attachment—To be Used in Place of Crank Screw 8.00

SUPERIOR ENCASED TURNING

Extra Heavy Frame, Removable Faces, Adjustable Bronze Bearings, Interchangeable Parts.



No. 13—Superior Small Turner.

Small.

With Extra Upper and Lower Faces. Each

No. 13—Small, 2$\frac{1}{8}$ in. Between Shaft Centers, with Standard $22.50

Weight Each About 38 Pounds.

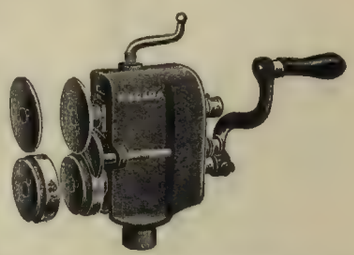
Large.

With Extra Upper and Lower Faces. Each

No. 14—Large, 2$\frac{7}{8}$ in. Between Shaft Centers, with Standard $23.00

Weight Each About 42 Pounds.

Treadle Attachment—To be Used in Place of Crank Screw 8.00



No. 14—Superior Large Turner.

Tinners' Machines.

NIAGARA

SUPERIOR SETTING DOWN

For No. 24 Iron and Lighter.

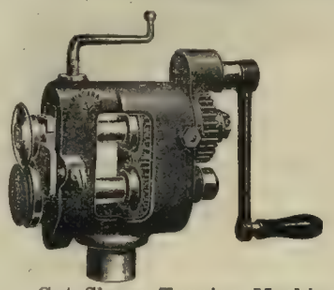
Turns Down and Compresses the Flange of the Bottom on to the Flange at the End of the Body, Thereby Forming a Joint.

Each

Superior Setting Down—For Seams ⅛ to $\frac{5}{16}$ in.....**$22.00**

Weight Each About 38 Pounds.

HEAVY BUFFALO, WIRING, TURNING AND BURRING



Cut Shows Turning Machine.

For No. 20 Iron and Lighter, Back Geared.

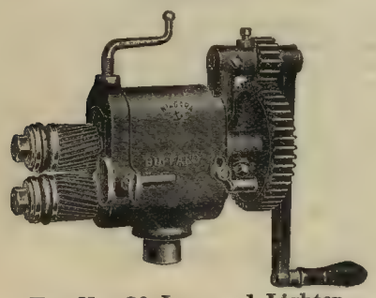
Extra Heavy, with One Pair of Faces and Gauge for Wiring, Turning or Burring, and Large Standard. Each

Wiring Machine—3 in. Diameter Faces, Weight Each About 105 Lbs.....**$48.00**

Turning Machine—3 in. Diameter Faces, Weight Each About 95 Lbs..... **46.00**

Burring Machine—2¾ in. Diameter Faces, Weight Each About 95 Lbs..... **44.00**

BUFFALO CRIMPER AND BEADER



For No. 20 Iron and Lighter.

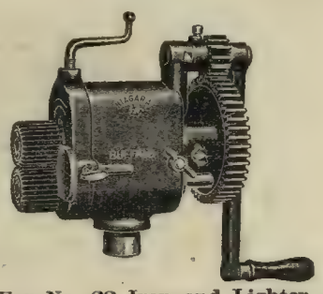
Hardened Steel Rolls, 1¾ in. Crimping Rolls, 1 in. Beading Rolls, with One Pair of Plain Collars, Two Speeds.

Each

No. 15—1$\frac{13}{16}$ in. Between Shaft Centers, Weight Each 60 Lbs. **$21.35**

Intended to facilitate joining lengths of Sheet Metal Pipe. The connecting gears are cut of steel, and the parts are interchangeable.

BUFFALO CORNICE MAKERS' CRIMPERS



For No. 22 Iron and Lighter.

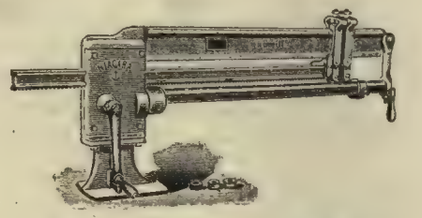
Operated Either from Back Gear Shaft, at Reduced Speed, for Heavier Stock, or with the Handle on the Lower Shaft, at Fast Speed.

Each

No. 1—With Crimping Rolls Only, Shafts do Not Extend Beyond Outer Edge of Rolls, to Enable Operator to Crimp Close up to a Bend.....**$21.35**

Weight Each About 57 Pounds.

NIAGARA GROOVERS



For No. 24 Iron and Lighter.

Reversible Round Horn for Work 2 in. Diameter and Larger, with Stop.

Each

Niagara Groover—30 in. Long, with Two Flat and Three Grooved Rolls, $\frac{5}{32}$, ¼ and ½ in. Wide, Width of Grooves in Horn $\frac{5}{32}$, ¼, ⅜ and ½ in.....**$50.00**

Weight Each About 190 Pounds.

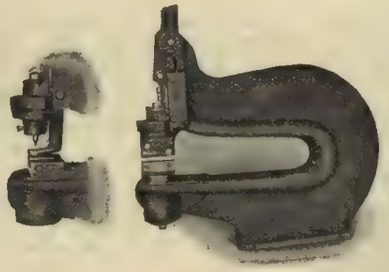
EXCELSIOR FOOT SQUARING SHEARS

For No. 20 Iron and Lighter.

High Grade Steel Knife Welded to Wrought Iron, Easily Removed, with Front, Back, Bevel and Side Gauges, Graduated Scale Divided in Sixteenths Inches Marked on Bed. Each

Excelsior Squaring Shears—30 in. Long, Weight Each About 440 Lbs.....**$89.00**

NIAGARA LEVER SHEARS AND PUNCHES



For Iron ⅛ Inch and Lighter.

Knives 4 in. Long, with Two Cutting Edges, Arranged to Swivel, Will Punch ¼ in. Hole Through ⅛ in. Iron or the Equivalent.

Each

No. 55—18 in. Throat, Weight Each About 315 Lbs..**$70.00**

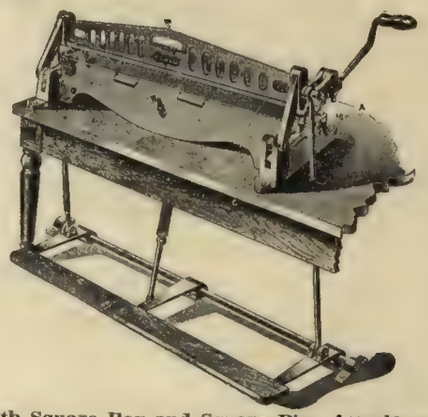
Tinners' Machines.

TIN FOLDING MACHINES

Stow's Patent Improved Adjustable Bar Folders.

	Each
No. 50A—17 in., Will Turn Locks from ⅛ to ⅛ in., For Tin, Weight Each 60 Lbs.	$47.50
No. 52A—20 in., Will Turn Locks from ⅛ to 1 in., For No. 22 Iron and Lighter, Weight Each 100 Lbs.	57.00
No. 54A—30 in., Will Turn Locks from ⅛ to 1 in., For No. 22 Iron and Lighter, Weight Each 180 Lbs.	76.00
No. 56 —42 in., Will Turn Close Locks Only, from ⅛ to 1½ in., For No. 20 Iron and Lighter, Weight Each 415 Lbs.	152.00

These Machines will Turn Locks from ⅛ to 1½ inches in width, will form Square Joints or Angles, turn Narrow or Wide Locks, turn a Round Edge for Wiring and form These Locks on Medium Plate with ease. They will also form Open or Close Locks. By Open Locks we mean such as are suitable for Wiring Straight Work and are formed by dropping the Wing DD below the Level of Gripping Jaw.



With Square Box and Square Pipe Attachment.

	Each
No. 054—30 in., Will Turn Locks from ⅛ to 1 in., Weight Each 275 Lbs.	$95.00

With this Machine an edge can be turned as wide as one inch, and any intermediate width as narrow as ⅛ inch with the Attachment. Square Pipe can be formed of any size usually required, in sections 30 inches long or less. In case the folder only is to be used the attachment B can be turned on the lines marked C and rest on the bench out of the way.

STOW'S PATENT IMPROVED ADJUSTABLE BAR FOLDERS

For No. 22 Iron and Lighter.

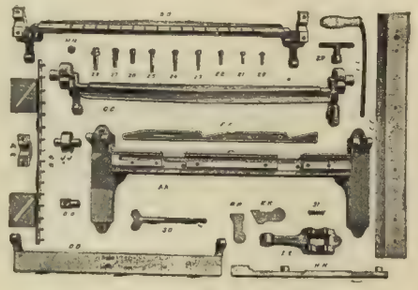
Nos. 152A and 154A.

	Each
No. 152A—20 in., Will Turn Locks from ⅛ to 1 in., Weight Each 100 Lbs.	$57.00
No. 154A—30 in., Will Turn Locks from ⅛ to 1 in., Weight Each 180 Lbs.	76.00

These Folders will turn Locks of the same widths and are adapted to the same kind of work as Nos. 52A and 54A Folders, but have an improved device for setting and moving the Gauge. The movement of the Gauge is almost instantaneous, operated by means of a Hand Wheel in front and center of machine and a Set Screw in front and at the left of the machine holds the Gauge firmly in place. The Parts of these Folders are interchangeable, and correspond with the parts of Nos. 52A and 54A Folders, excepting HH and No. 30.

INTERCHANGEABLE PARTS BELONGING TO STOW'S ADJUSTABLE BAR FOLDERS

Net Lists.



For Nos. 52A and 152A Folders.

	Each
AA—Frame	$6.00
BB—Jaw	4.00
CC—Bar	4.00
DD—Wing for Bar	3.00
EE—Blade	4.00
FF—Wedge	.50
GG—Gauge	$3.50
HH—Slide	1.00
II —Shoe	.50
JJ —Friction Roller	.50
KK—Stop	.20
LL —Handle	$0.40
MM—Set Nut for Screw No. 23	.10
OO—Nut for Gauge Screw	.75
PP —Stop	.20
QQ —Cap	.50

Screws.

	Each
No. 20—Wedge Screws	$0.10
No. 21—Stop Screw	.10
No. 22—Cap Screw	.10
No. 23—Shoe Set Screw	.10
No. 24—Blade Screw	$0.10
No. 25—Frame Screw	.25
No. 26—Handle Gauge Set Screw	.10
No. 27—Wing Screw	.25
No. 28—Wedge Screw	$0.20
No. 29—Wrench	.10
No. 30—Gauge Screw	.50
	Per Pair
No. 31—Gauge Springs	$0.10

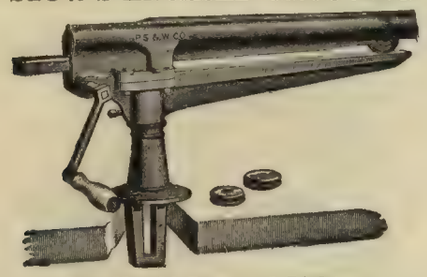
For Nos. 54A and 154A Folders.

	Each
AA—Frame	$7.00
BB—Jaw	6.00
CC—Bar	$5.00
DD—Wing for Bar	4.00
EE—Blade	$5.00
GG—Gauge	3.50

Other Parts Same as No. 52A Folder.

Tinners' Machines.

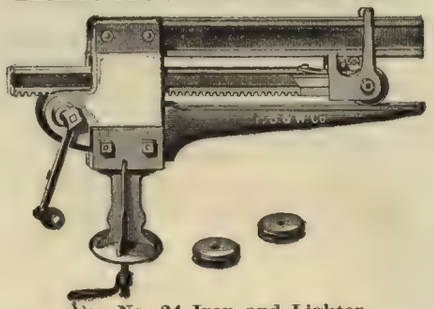
STOW'S ENCASED GROOVING



For No. 26 Iron and Lighter.

Steel Bar, Milled Horn, with Rotary Standard.	Each
No. 1—20 in., Three Grooving Rolls, One Each ⅛, 5/32 and 7/32 in., Weight Each 85 Lbs.	$25.65
No. 2—17 in., Three Grooving Rolls, One Each ⅛, 5/32 and 7/32 in., Weight Each 75 Lbs.	20.80
Extra Stands	2.25
Extra Rollers, (3 Rolls Constitute a Set), Grooves ⅛, 5/32 and 7/32 in.	1.70
Extra Groover Pinions	1.15

BRASS MOUNTED GROOVING



For No. 24 Iron and Lighter.

Steel Bar, Milled Horn, with Standard.	Each
No. 01—20 in., Three Grooving Rolls, One Each ⅛, 5/32 and 7/32 in., Weight Each 100 Lbs.	$25.65
No. 02—17 in., Three Grooving Rolls, One Each ⅛, 5/32 and 7/32 in., Weight Each 75 Lbs.	20.80
Extra Stands	2.25
Extra Rollers—(3 Rolls Constitute a Set), Grooves ⅛, 5/32 and 7/32 in.	1.70

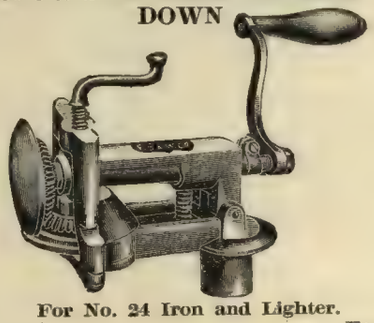
HEAVY SETTING DOWN

For No. 18 Iron and Lighter.

	Each
No. 87—Back Geared, with Standard, Weight Each About 100 Lbs.	$41.80

A Strong Heavy Machine Back Geared 2 to 1, and will work 18 gauge iron or lighter. Faces are so shaped that seam can be started in while setting down, aiding the operation of Double Seaming. Has adjustable gauges to work seams up to ½ in. Will fit into Extra Heavy Standard.

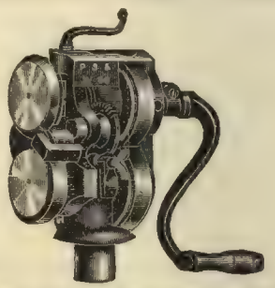
STOW'S ENCASED SETTING DOWN



For No. 24 Iron and Lighter.

	Each
No. 555/S—For Seams up to ⅛ in. with Standard, Wt. Each 21 Lbs.	$18.60
No. 555½/S—For Seams up to ⅛ in., without Standard, Weight Each 10 Lbs.	17.10
Extra Upper or Lower Rolls	$6.70
Extra Lower Journal Plates	1.15

STOW'S ENCASED WIRING



For No. 24 Iron and Lighter.

Adjustable Boxes and Faces. Diameter of Faces 3 in.

	Each
No. 526—With Standard, Weight Each About 28 Lbs.	$26.60
No. 526½—Without Standard, Wt. Each About 17 Lbs.	25.20
Extra Upper or Lower Rolls—With Arbor	5.60

NOTE—For List and Illustrations of Extra Parts See Page 2285.

STOW'S ENCASED TURNING

For No. 24 Iron and Lighter.

SMALL

2 1/16 in. Diameter Faces, with Extra Faces, Adjustable Boxes and Duplicate Parts.

	Each
No. 545—With Standard, Weight Each About 23 Lbs	$21.40
No. 545½—Without Standard, Wt. Each About 12 Lbs.	20.00

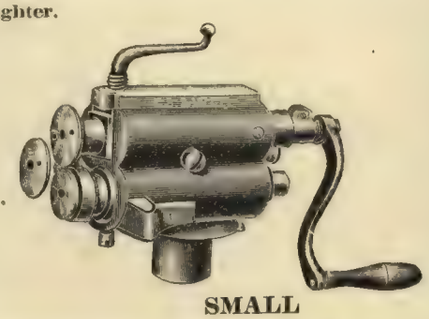
LARGE

3 in. Diameter Faces, with Extra Faces, Adjustable Boxes and Duplicate Parts.

	Each
No. 546—With Standard, Weight Each About 28 Lbs.	$21.85
No. 546½—Without Standard, Wt. Each About 17 Lbs.	20.50

Extra Faces, for Small and Large Encased Turning Machines $2.25

STOW'S ENCASED BURRING



SMALL

1½ in. Diameter Face, with Extra Upper Face, Adjustable Boxes and Duplicate Parts.

No. 579—With Standard, Weight Each About 21 Lbs.	$19.00
No. 579½—Without Standard, Wt. Each About 10 Lbs.	17.60

LARGE

2⅛ in. Diameter Face, with Extra Upper Face, Adjustable Boxes and Duplicate Parts.

No. 580—With Standard, Weight Each About 23 Lbs.	$20.00
No. 580½—Without Standard, Wt. Each About 12 Lbs.	18.55

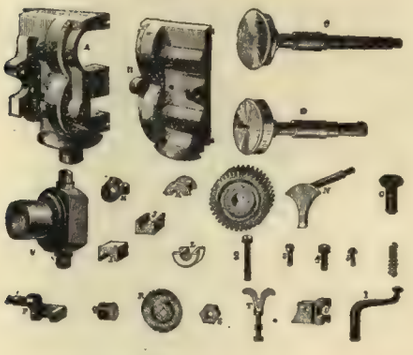
Extra Upper Faces, for Small and Large Encased Burring Machines $2.25

Extra Lower Faces, for Small and Large Encased Burring Machines, with Arbor $4.50

Tinners' Machines.

Net List.

INTERCHANGEABLE PARTS BELONGING TO STOW'S ENCASED WIRING MACHINES

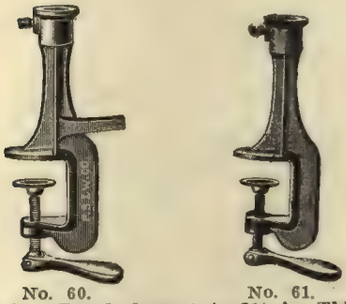


	Each
A—Frame	$2.50
B—Cap	1.50
C—Upper Roller	2.50
D—Lower Roller	2.50
H—Clasp Nut	.60
V—Rocking Box	1.50
I—Front Upper Box, for Upper Roller	.25
J—Front Lower Box, for Upper Roller	.25
K—Front and Back Top Boxes, for Lower Roller	.25
L—Front and Back Lower Boxes, for Lower Roller	.25
M—Gear	.60
N—Sliding Gauge	1.25
O—Sliding Gauge Nut	.75
P—Forming Gauge, for Wiring Machine	.75
Q—Forming Gauge Roller, for Wiring Machine	.25
R—Forming Gauge Worm Gear, for Wiring Machine	1.00
S—Forming Gauge Nut, for Wiring Machine	.25
T—Worm Gear Screw	.75
U—Worm Gear Screw Holder	.25
No. 1—Crank Screw	.40
No. 2—Cap Screw	.15
No. 3—Lower Box Screw	.10
No. 4—Worm Gear Screw Holder Bolt	.15
No. 5—Clasp Nut Screw	.10
Spring	.10

The corresponding parts of other Machines in the set bear the same letters or figures as far down as the letter O; also Rocking Box V. Those bearing the letters P to U inclusive are found only in the Wiring Machine.

The above prices apply to parts of all Encased Machines.

MACHINE STANDARDS



No. 60. No. 61.

For Any Bench from 1 to 3½ in. Thick.

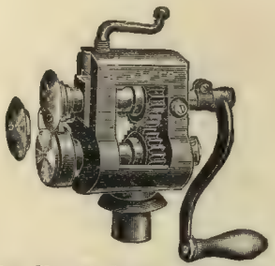
	Each
No. 60—Wiring Machine Standard	$2.25
No. 61—Small Machine Standard	2.25

Weight Each About 12 Pounds.

For Encased and Columbian Machines. Encased and Columbian Machines are packed with these Standards.

COLUMBIAN BURRING

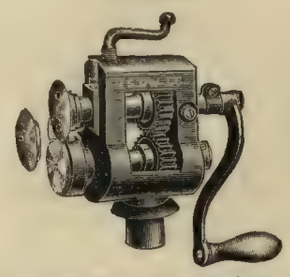
SMALL



For No. 22 Iron and Lighter. 1½ in. Diameter Faces, with Extra Upper Face.

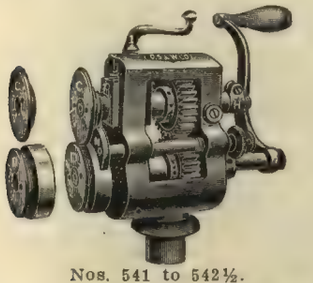
	Each
No. 576—With Standard, Weight Each About 21 Lbs.	$16.15
No. 576½—Without Standard, Weight Each About 11 Lbs.	14.75
Extra Upper Faces	2.25
Extra Lower Faces, with Arbor	4.50

LARGE



For No. 22 Iron and Lighter. 2⅛ in. Diameter Faces, with Extra Upper Face.

	Each
No. 577—With Standard, Weight Each About 25 Lbs.	$17.10
No. 577½—Without Standard, Weight Each About 14 Lbs.	15.65
Extra Upper Faces	2.25
Extra Lower Faces, with Arbor	4.50



Nos. 541 to 542½.

COLUMBIAN TURNING

For No. 22 Iron and Lighter.

SMALL

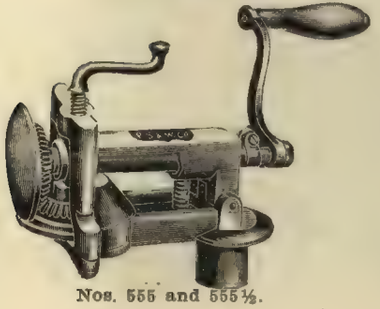
2⅛ in. Diameter Faces, with Extra Upper and Lower Face.

	Each
No. 541—With Standard, Weight Each About 25 Lbs.	$19.00
No. 541½—Without Standard, Weight Each About 14 Lbs.	17.60
Extra Upper or Lower Faces	2.25

LARGE

3 in. Diameter Faces, with Extra Upper and Lower Face.

	Each
No. 542—With Standard, Weight Each About 31 Lbs.	$19.50
No. 542½—Without Standard, Weight Each About 20 Lbs.	18.05
Extra Upper or Lower Faces	2.25



Nos. 555 and 555½.

COLUMBIAN SETTING DOWN

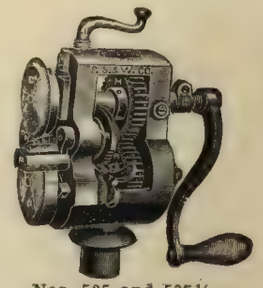
For No. 24 Iron and Lighter, For Seams Up to ⅛ inch.

	Each
No. 555—With Standard, Weight Each About 21 Lbs.	$18.55
No. 555½—Without Standard, Weight Each About 9 Lbs.	17.10
Extra Upper or Lower Rolls	6.70

COLUMBIAN WIRING

For No. 22 Iron and Lighter, 3 in. Diameter Faces.

	Each
No. 525—With Standard, Weight Each About 31 Lbs.	$22.80
No. 525½—Without Standard, Weight Each About 20 Lbs.	21.40
Extra Upper or Lower Rolls, with Arbor	5.60



Nos. 525 and 525½.

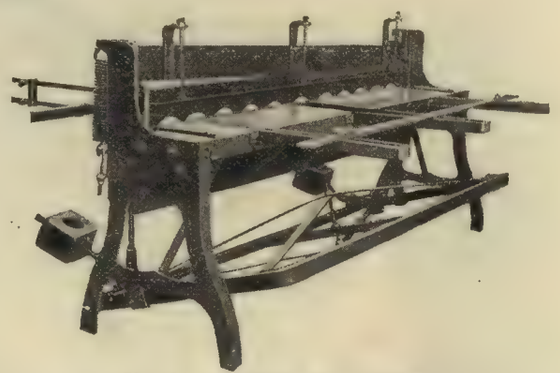
Tinners' Machines.

SQUARING SHEARS

For No. 18 Steel and Lighter.

Steel Construction Throughout, Front, Back, Bevel and Side Gauges, Steel Treadle, Highest Grade Shear Steel Removable Knives, Steel Hold Down, Adjustable Working Parts.

Nos.	1	2	3
Length, Inches	30	36	42
Ap. Weight Each, Lbs	360	450	600
Each	$.....	.....	.....



For No. 18 Steel and Lighter.

Steel Construction Throughout, Cast Steel Ends and Legs, Expansion Steel Treadle, Front, Back, Bevel and Side Gauges, Highest Grade Shear Steel Removable Knives, Adjustable Working Parts.

Each

No. 8—96 in. Long, with Steel Hold Down, Works Automatically with Top Cutting Bar.....$.....
Weight Each About 2500 Pounds.

STOW'S IMPROVED

For No. 18 Iron and Lighter.

Extra Heavy Front Extension Arms and Improved Patent Quick Acting Back Gauge with Adjustable Rods for Supporting and Leading Edge of Material to Face of Gauge.

Each

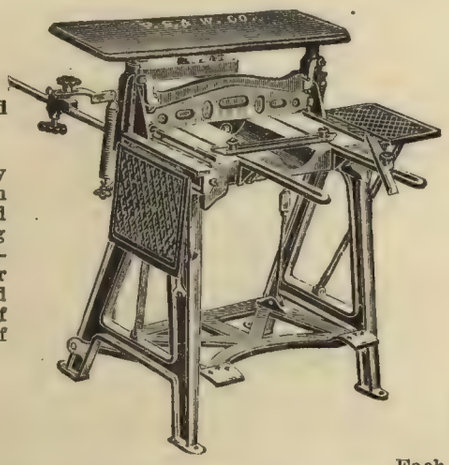
No. 30A—31 in. Long, **without Side Extension Table**..**$85.00**
Weight Each About 475 Pounds.

For No. 18 Iron and Lighter.

Extra Heavy Front Extension Arms and Improved Patent Quick Acting Back Gauge with Adjustable Rods for Supporting and Leading Edge of Material to Face of Gauge.

Each

No. 130A—31 in. Long, **with Side Extension Tables,**
Weight Each About 500 Lbs.....**$ 88.40**
No. 136A—37 in. Long, **with Side Extension Tables,**
Weight Each About 785 Lbs..... **136.00**



For No. 18 Iron and Lighter.

Extra Heavy Front Extension Arms and Improved Patent Quick Acting Rear Gauge with Adjustable Rods for Supporting and Leading Edge of Material to Face of Gauge.

Each

No. 300A—31 in. Long, with Side Extension Tables and **Hold Down Attachment**.....**$96.00**
Weight Each About 510 Pounds.

For No. 16 Iron and Lighter.

Extra Heavy, Extra Heavy Front Arms and Patent Quick-Acting Improved Rear Gauge, with Adjustable Rods for Supporting and Leading Edge of Material to the Face of Gauge.

Each

No. 0130A—31 in. Long, with Side Extension Tables, **without Hold Down Attachment**.....**$126.65**
Weight Each About 640 Pounds.

EXTRAS FOR STOW'S IMPROVED SQUARING SHEARS

Per Pair

Cutting Blades, for Nos. 30, 130 and 300.....**$26.65**
Cutting Blades, for No. 0130 ..... **26.65**

Each

Side Springs **$1.70**

Tinners' Machines.

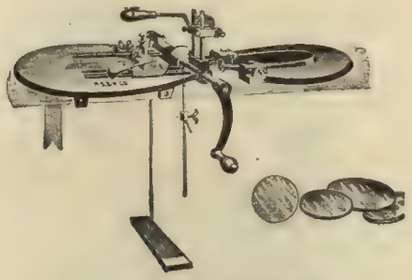
SLITTING OR SQUARING SHEARS

Continuous Cutting or Gap Shear.

Foot Power, for No. 18 Iron and Lighter, with Hold-Down Attachment and Side Extension Tables, Bed Plate Graduated in Inches and Fractions, with Adjustment Gauges for Side Extension Tables.

	Each
No. 85A—37 in. Long, 15 in. Throat, Weight About 275 Lbs.	$340.00
No. 88A—37 in. Long, 18 in. Throat, Weight About 1450 Lbs.	400.00

SAVAGE'S PATENT COMBINATION CIRCULAR SHEARS

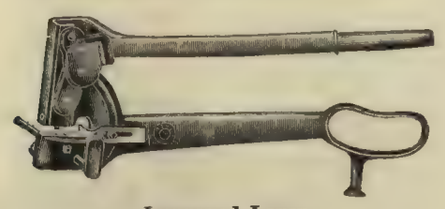


For XX Tin and Lighter.

Will Cut Circles from 2½ to 23 in. Diameter, with Four Pairs of Dies, One Pair Each 2⅛, 3, 4⅞ and 7⅝ in. Diameter.

	Each
No. 261—Without Burring Attachment, Weight About 190 Lbs.	$64.00
No. 262—With Burring Attachment, Weight About 200 Lbs.	76.00

PORTABLE LEVER PUNCH



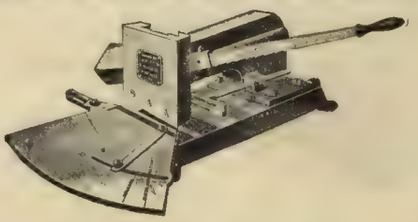
Improved Lever.

	Each
No. 10—Can be Used on Material as Thick as No. 20 Gauge, Three Punches, One Each ⅛, 3/16 and ¼ in., and Three Dies.	$12.80

Weight Each About 10 Pounds.

The illustration shows the method of construction of this handy and useful tool. The toggle movement is powerful, and it works easily and rapidly. It is made to combine light weight with strength. The gauges, both back and side, are easily adjusted. Depth of throat 1¼ inch.

COMBINED BENCH AND SLITTING SHEARS



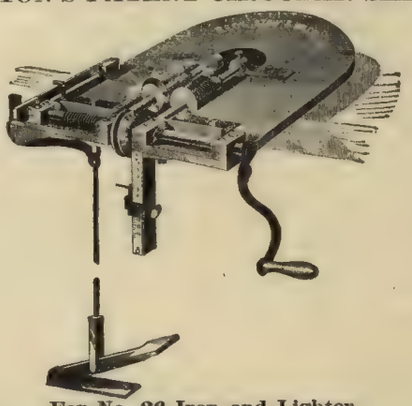
The above illustrations show some of the shapes which can be cut with this shear from the center of a sheet of Plate Metal.

For No. 18 Iron and Lighter.

Stationary Lower Blade, Adjustable Upper Blade, Removable Front Table, with Gauge.

	Each
No. 7—6 in. Blade, 9½ in. Throat, Gauges Can be Set to Any Desired Angle Between 45 and 90 Degrees, Weight Each About 160 Lbs.	$37.50

NEWTON'S PATENT CIRCULAR SHEARS

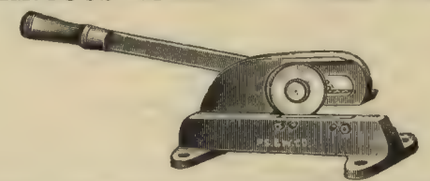


For No. 26 Iron and Lighter.

Will Cut Circles from 3 to 14 in. Diameter, with Two Pairs of Discs, One Pair Each 2⅜ and 5⅞ in. Diameter.

	Each
No. 267—Weight Each About 100 Lbs.	$39.60

CONTINUOUS ROLLING CUTTER SHEARS



Especially Adapted to Tin and Sheet Metal Workers.

	Each
No. 11—Will Cut No. 20 Iron, Weight Each 4 Lbs.	$ 8.00
No. 12—Will Cut No. 16 Iron, Weight Each 11 Lbs.	12.00

These Shears are operated by a pinion lever engaging in a rack and cutting with the forward roll of the cutting disc.

The motion of the circular cutting disc is about one-third of its circumference. The cutting disc is provided with three slots, which correspond with three pins on the cutting disc bolt; this enables the operator to change the cutting disc to six different positions; three on each side—the disc being reversible.

The lower or stationary straight cutter blade has two cutting edges, the ends of the cutter are beveled to match the heads of the bolts which draw the cutter blade in recess of shear stock. Two set screws which press this cutter blade in opposite directions are the means to adjust the lower cutter perfectly to the upper cutter disc.

Tinners' Machines.

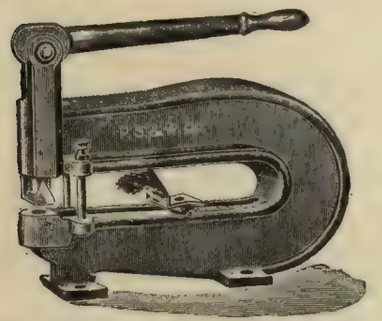
PORTABLE LEVER PUNCHES

Compound Lever.

	Each
No. 2—23 in. Long, Drop Forged Parts, Dies Easily Changed or Adjusted, Will Cut 5/16 in. Hole Through 1/4 in. Iron	**$24.50**

Weight Each About 15 Pounds.

IMPROVED SAMSON PUNCH



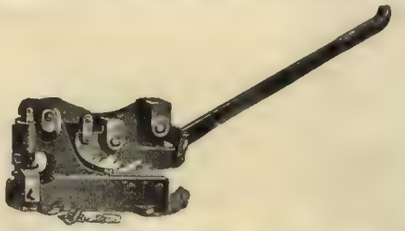
Bolt Fastened, Wrought Iron Links.

	Each
No. 5—With Three Sets of Dies and Punches, 1/8, 5/16 and 1/4 in., Depth of Gap 15 in., Will Punch No. 9 Iron with Stay Bolts and No. 12 Iron without Stay Bolts, Will Center on 30 in. Sheets without Stay Bolts, and on 7 in. Sheets with Stay Bolts, Weight Each 140 Lbs.	**$40.00**
Extra Punches, for No. 5	**1.15**
Extra Dies, for No. 5	**2.25**

Bolt Fastened, with Adjustable Gauge, Wrought Iron Links.

	Each
No. 6—With Three Sets of Dies and Punches, 1/4, 5/16 and 3/8 in., with Stripper for Same, Depth of Gap 15 in., Will Punch 1/4, 5/16 and 3/8 in. Holes in 3/8 in. Iron with Stay Bolts and 1/4 in. Hole in 1/4 in. Iron and 5/16 and 3/8 in. Holes in 5/16 in. Iron when Used without Stay Bolts, Will Center on 30 in. Sheets without Stay Bolts and on 7 in. Sheets with Stay Bolts, Weight Each 250 Lbs.	**$80.00**
Extra Dies, for No. 6	**2.25**
Extra Punches, for No. 6	**3.35**

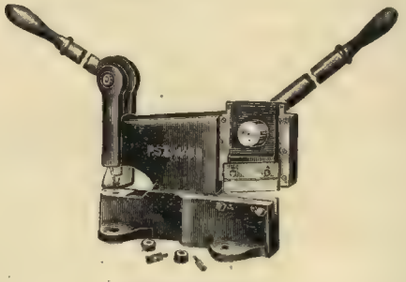
COMBINED SHEARS AND PUNCHES



These Machines are Suitable for Both Cutting and Punching Metal. They May be Used for Cutting 1/8 in. Iron and 5/16 and 1/4 in. Narrow Bars.

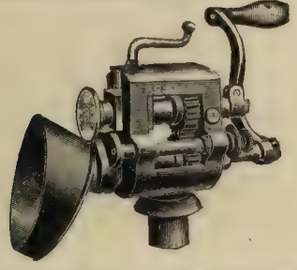
	Each
No. 1—4 1/2 in. Cut, with Four Punches, One Each, 1/8, 5/16, 1/4 and 5/16 in., Suitable for 1/8 in. Iron and Lighter, Will Punch the Center of a Circle 5 1/4 in. in Diameter, Weight Each 100 Lbs.	**$32.00**
No. 2—5 1/2 in. Cut, with Five Punches, One Each, 1/8, 5/16, 1/4, 5/16 and 3/8 in., Suitable for 5/16 in. Iron and Lighter, Will Punch the Center of a Circle 5 1/2 in. in Diameter, Weight Each 120 Lbs.	**40.00**
Extra Punches, for Nos. 1 or 2	**1.15**
Extra Dies, for Nos. 1 or 2	**2.25**

COMBINED PUNCH AND SHEAR



Extra Heavy.

	Each
No. 3—6 in. Cut, with Three Punches, One Each, 1/4, 5/16 and 3/8 in., Suitable for 3/8 in. Iron, Will Punch Center of a Circle 10 in. Diameter and Will Cut Bar Iron 1/4 x 1 1/2 in., 3/8 x 3/4 in. or 1/2 in. Square, and No. 8 Sheet Iron Lengthwise or Crosswise, with Two Levers, One for Punching End and the Other for Cutting End, Weight Each About 400 Lbs.	**$120.00**
Extra Punches, for No. 3	**2.25**
Extra Dies, for No. 3	**3.35**



COLUMBIAN ELBOW EDGING MACHINES

For No. 24 Iron and Lighter.

	Each
No. 551—With Standard and One Pair of Rolls, Weight Each About 25 Pounds	**$20.00**

	Per Pair
Extra Elbow Edging Rolls or Faces	**$4.75**

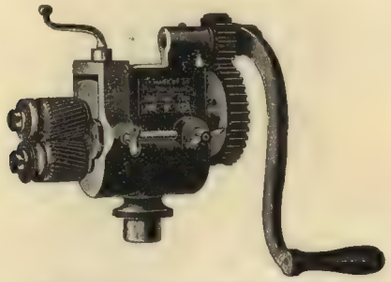
The above cut shows the position of an elbow in turning the edge, also the form of a crease made by the machine to enter the corresponding section in completing the elbow.

The Rolls or Faces are sold separate from the Machine and can be used with and are readily adapted to either Columbian or Encased Small Turning Machines. In using this Machine one-third of the time spent in putting Elbows together can be saved by the operator.

The above cut shows the position of the pipe or elbow in forming the bead to receive the creased section, as shown in the illustration at the left.

Tinners' Machines.

ENCASED COMBINED STOVE PIPE CRIMPER AND BEADER

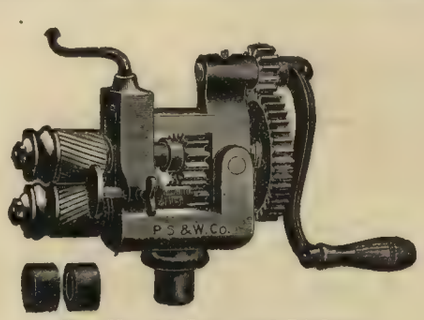


For No. 22 Iron and Lighter.

Back Geared, Adjustable Wedge between Rear Bearings which Regulates the Relative Depth of Crimp and Bead, Steel Rolls, Machine Cut Steel Gears.

	Each
No. 6—With Spiral Crimping and Beading Rolls, with Standard, Weight Each About 47 Lbs.....	**$20.00**
Extra Upper or Lower Rolls.....	**2.80**

STOVE PIPE CRIMPER AND BEADER



For No. 22 Iron and Lighter.

Back Geared, Adjustable Wedge between Rear Bearings which Regulates the Relative Depth of Crimp and Bead, Steel Rolls, Machine Cut Steel Gears.

	Each
No. 07—With Straight Crimping and Beading Rolls, with Standard, Weight Each About 48 Lbs..	**$20.00**
Extra Upper or Lower Rolls.....	**2.80**

These Machines are designed to facilitate the making and putting together of metal pipe of different diameters. They crimp and turn in the edges of Stove and Conductor Pipe, so that the lengths are put together easily. Are also provided with beading rolls, which bead the pipe at the same time it is corrugated. Are substantially and well made; have cut gearing and steel rolls. When Crimping only is desired, substitute the Collars in place of the O. G. Rolls.

STOVE PIPE CRIMPER

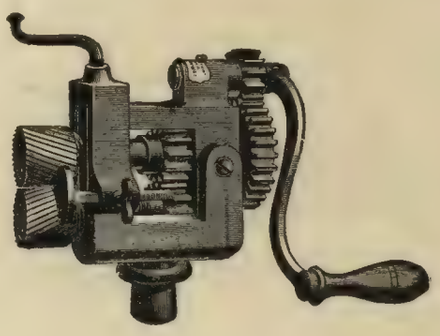
For No. 24 Iron and Lighter.

Not Geared, Intended for Light Work, Built Strongly and Runs Very Smoothly, for Crimping Only.

	Each
No. 8—With Spiral Crimping Rolls and Standard....	**$16.70**

Weight Each About 24 Pounds.

STOVE PIPE OR CORNICE MAKERS' CRIMPER



For No. 22 Iron and Lighter.

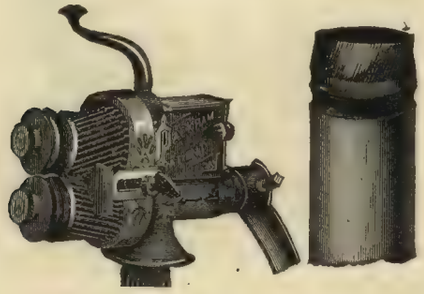
Back Geared, For Crimping Only.

	Each
No. 17—With Spiral Crimping Rolls and Standard...	**$18.35**

Weight Each About 46 Pounds.

The Rolls on this machine are attached to arbors in a manner that leaves the ends or faces of Rolls flat or flush, and makes them adapted for crimping close up to a bend or angle.

PACKHAM'S STOVE PIPE CRIMPER AND BEADER



For Stove and Conductor Pipe.

	Each
No. 3—With Standard, Weight Each About 24 Lbs...	**$13.35**
	Per Pair
Extra Upper or Lower Rolls.....	**$4.50**

LIGHTNING STOVE PIPE MACHINE

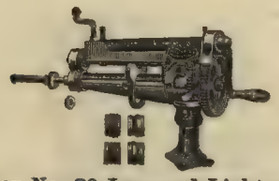
Adjustable.

Will rapidly and perfectly close the Seams or Groove of Nested Stove Pipe. Adaptable for putting together all Gauges and Sizes of Stove Pipe, including Taper Joints. Can also be used for closing Seams on Furnace Pipe and other Sheet Metal articles.

	Each
Lightning—Weight Each About 63 Lbs.....	**$24.00**

Tinners' Machines.

STOW'S PATENT BEADING MACHINES



For No. 20 Iron and Lighter.

	Each
No. 1A—13 in., with Three Pair Rollers and Rotary Stand, Size of Beads, 1 in. Ogee, 1 in. Triple, ⅜ in. Single, Weight Each About 128 Lbs.	$58.00
No. 2A—10 in., with Three Pair Rollers and Rotary Stand, Size of Beads, 1 in. Ogee, 1 in. Triple, ⅜ in. Single, Weight Each About 117 Lbs.	56.25
No. 3A—7½ in., with Three Pair Rollers and Rotary Stand, Size of Beads, ⅞ in. Ogee, ⅞ in. Triple, ⅜ in. Single, Wt. Each About 90 Lbs.	47.25

Extra Parts for Nos. 1A to 3A.	Per Pair
Extra Wrought Iron Rollers—For Nos. 1A and 2A	$ 7.80
Extra Wrought Iron Rollers—For No. 3A	6.70
Crimping Rolls—For Nos. 1A and 2A	13.35
Crimping Rolls—For No. 3A	11.15
	Each
Extra Stands—For Nos. 1A, 2A and 3A	$2.80
Guide Rests—For Nos. 1A, 2A and 3A	2.80
Beader Cranks or Beader Crank Screws	1.15

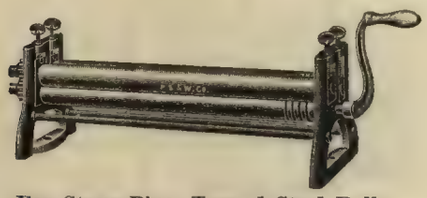
For No. 26 Iron and Lighter.

	Each
No. 4—6 in., with Four Pair Rollers and Rotary Stand, Size of Beads, ¾ in. Ogee, ⅝ in. Triple, ½ in. Triple Coffee Pot, ⅛ in. Single, Weight Each About 50 Lbs.	$35.60
No. 5—4 in., with Five Pair Rollers and Rotary Stand, Size of Beads, 7/16 in. Astragal, 7/16 in. Ogee, ⅜ Triple Coffee Pot, ⅛ in. Double, ⅛ in. Single Bead, Weight Each About 37 Lbs.	30.15

Extra Parts for Nos. 4 and 5.	Per Pair
Extra Wrought Iron Rollers—For No. 4	$4.50
Extra Wrought Iron Rollers—For No. 5	2.80
Crimping Rolls—For No. 4	7.80
Crimping Rolls—For No. 5	4.50
	Each
Guide Rests—For Nos. 4 and 5	$2.80
Extra Stands—For Nos. 4 and 5	2.25
Cap and Crank Screw—For Nos. 4 and 5	4.50

NOTE—Prices on above Beading Machines do not include Crimping Rollers.

PIPE FORMERS



For Stove Pipe, Turned Steel Rolls.

Nos.	1	2
Diameter Rolls, Inches	2	1¾
Length Rolls, Inches	30	30
Ap. Weight Each, Lbs.	140	115
Each	$28.50	27.00

For Tin Pipe, Turned Steel Rolls.

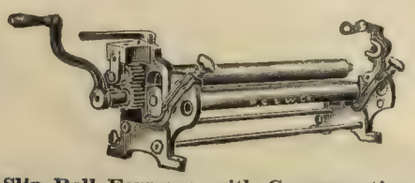
Nos.	31	32	35
Diameter Rolls, Inches	1½	1½	1
Length Rolls, Inches	20	16	12
Ap. Weight Each, Lbs.	60	51	30
Each	$15.00	13.50	18.00

	Per Pair
Extra Gears or Cogs—For Stove Pipe Formers	$1.15
	Per Set
Extra Thumb Screws—For Stove Pipe Formers, In Sets of 4	$4.50

For Stove Pipe, with Compensating Gear.

Nos.	11	12
Diameter of Rolls, Inches	1¾	2
Length Rolls, Inches	30	30
Ap. Weight Each, Lbs.	115	140
Each	$28.50	30.00

In these Formers the Cogs attached to Gripping Rolls do not mesh with each other, but with two Gears so hung that when Gripping Rolls are moved the mesh of Gearing is unchanged. This assures uniformity of action and durability for the Cog; hence the Gears run smoothly without danger of slipping or breaking with whatever thickness of metal is used.



Patent Slip Roll Formers, with Compensating Gear.

Easily Adjusted by Means of Quick-Acting Levers on Each End in Rear of Machine, Special Hard Steel Rolls, Machine Cut Steel Gears.

Nos.	100	200	101
Diameter Rolls, Inches	2	1¾	1½
Length Rolls, Inches	30	30	20
Ap. Weight Each, Lbs.	150	127	75
Each	$33.00	30.00	18.00

Nos. 100 and 200 are Stove Pipe Formers, No. 101 is a Tin Pipe Former.

Patent Slip Roll Formers, with Compensating Gear.

Back Geared, Finely Finished Special Rolled Hard Steel Rolls, Machine Cut Steel Gears, Geared 2 to 1, For No. 22 Iron and Lighter.

No.	01
Diameter of Rolls, Inches	2
Length of Rolls, Inches	30
Ap. Weight Each, Lbs.	160
Each	$52.50

Tinners' Machines.

SHEET IRON FOLDERS

CHAMPION

No. 11.

For No. 22 Iron and Lighter. — Each

No. 11—33 in., Will Turn Locks from 1/8 to 1/4 in., Weight Each About 100 Lbs. $22.80

This Folder has an improvement consisting of a round steel rod, against which the fold is completed, thereby preventing the edge of the frame from being worn off, thus rendering the folding plate more durable and insuring a lock of uniform width the entire length, as variations in the hardness of the material will have no effect upon the uniformity of the lock.

WRIGHT'S PATENT

For No. 22 Iron and Lighter.
Will Turn Locks 1/8 and 1/4 in.

	Each
No. 0—42 in., Weight Each About 125 Lbs.	$38.00
No. 1—32 in., Weight Each About 80 Lbs.	22.80

WRIGHT'S IMPROVED

For No. 22 Iron and Lighter.

Each

No. 12—32 in., with Steel Strips, Will Turn Locks 1/8, 1/4, 1/2 and 5/8 in., Weight Each About 88 Lbs. $28.50

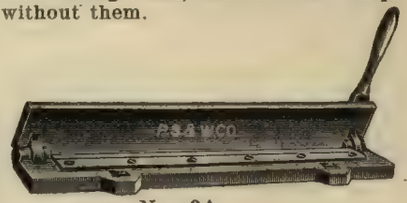
No. 12 will turn Locks of different widths on any length of sheet. To turn an edge longer than the length of the machine, use the Round Rod, placing it so that the Sheet will be put into the Machine over it and turn the Folding Bar against its round surface, making a slight bend the entire length of the Sheet, and repeat this operation of bending until the Lock is finished, or far enough to close it down in the ordinary way. In turning edges on long Sheets it will be well to turn the edge slightly at first and repeat the process of bending until finished. To turn wider Locks than the depth of the Folding Plate, use the Steel Strips under the plate to increase the width, and operate the Machine in the same manner as without them.

IRON BOTTOM

For No. 24 Iron and Lighter.
Will Turn Locks 1/8 to 1/2 in.

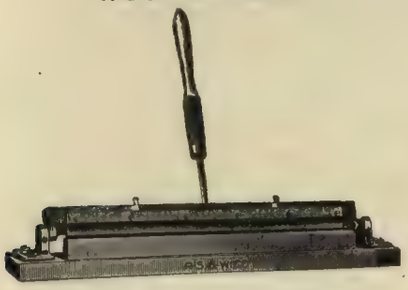
Nos.	2A	3A
Length, Inches	30	39
Ap. Weight Each, Lbs.	55	70
Each	$13.30	22.80

No. 3A has Handle in the Center.



No. 2A.

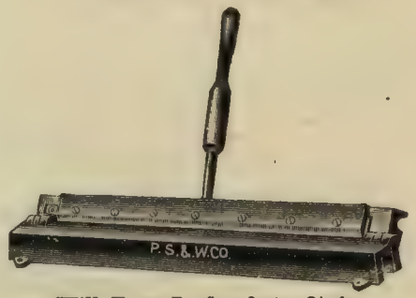
WOOD BOTTOM



For No. 22 Iron and Lighter.
Will Turn Locks 1/8 to 1/2 in., with Milled Bar and Adjustable Gauge.

Nos.	38	39
Length, Inches	48	30
Ap. Weight Each, Lbs.	185	75
Each	$38.00	19.00

STOW'S IMPROVED



Will Turn Locks 1/8 to 5/8 in.

Nos.	10A	15	20
Length, Inches	30	42	60
For Iron, No.	24	24	26
Ap. Weight Each, Lbs.	75	110	250
Each	$19.00	34.20	47.50

These Machines are so constructed that the Gauge always moves upon a line parallel with the edge of the Folding Plate. The principle of folding is the same as in the Wood Bottom Folder.

BOILER EXPANDERS

Each

No. 5—Boiler Expanders, for Holding Bodies of Wash-boilers in Place while Bottoms are being Double Seamed $2.80

Weight Each About 2 Pounds.

CLEAT FOLDERS

Each

No. 481—For Making Cleats for Standing Seam Roofing Complete in One Operation $3.60

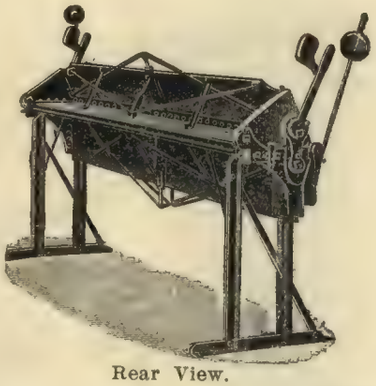
Weight Each About 2 Pounds.

Tinners' Machines.

STEEL CORNICE BRAKES

Front View.

Made of Bessemer Steel, Hinges and Jaw Connecting Links are of Crucible Steel Castings, Steel Angle Bar Bolted to Apron to give additional Leverage when Bending Extra Heavy Material, Independent Operating Handle Levers, Angle Bar and Special Steel Bar are Removable from the Apron and Narrow Opposing Members can then be formed. Apron Edge is ⅛ in. from which ¼ in. is Detachable. Balance Weights on Apron Offer Easy Operation. The Weight on Lever Handles permit the Jaw being Opened to any Point thereby leaving workman free to handle material. Furnished with Five Formers for making Moulding.



Rear View.

Each

No. 1 —Length of Forming Edge 12 ft. 1 in., Will Bend No. 18 Gauge with Edge of 1 in. or More, Complete with Angle Steel Extension and Five Formers, Weight About 4300 Lbs.; Designed for Cornice and Other Light Work.. **$850.00**

No. 2 —Length of Forming Edge 10 ft. 1 in., Forms 1 in. Edge and Wider on No. 16 Gauge, Complete with Angle Bar and Five Formers, Weight About 2500 Lbs.; Adapted for Various Work..... **520.00**

No. 2B—Length of Forming Edge 10 ft. 1 in., Forms ¾ in. Edge and More on No. 18 Gauge, Complete with Angle Bar and Five Formers, Weight About 1900 Lbs.; Suitable for Cornices and Other Light Work..... **420.00**

No. 2C—Length of Forming Edge 8 ft. 1 in., Forms 1 in. Edge and Wider on No. 14 Gauge, Complete with Angle Bar, Weight About 2000 Lbs.; Suitable for Both Heavy and Light Work **420.00**

No. 3 —Length of Forming Edge 8 ft. 1 in., Forms 1 in. Edge and Wider on No. 16 Gauge, Complete with Angle Bar and Five Formers, Weight About 1500 Lbs.; Suitable for Moderately Heavy and Also Light Bending and Cornice Work **310.00**

No. 4 —Length of Forming Edge 8 ft. 1 in., Forms ¾ in. Edge and Wider on No. 18 Gauge, Complete with Angle Bar and Five Formers, Weight About 1000 Lbs.; Suitable for Cornice and Other Light Work..... **220.00**

No. 3B—Length of Forming Edge 6 ft. 1 in., Forms ¾ in. Edge and Wider on No. 16 Gauge, Complete with Angle Bar and 5 Formers, Weight About 1200 Lbs.; Suitable for a Variety of Light Work..... **240.00**

No. 4B—Length of Forming Edge 6 ft. 1 in., Forms ¾ in. Edge and Wider on No. 18 Gauge, Complete with Angle Bar and Five Formers, Weight About 800 Lbs.; Well Adapted for Automobile and Manufacturing Work..... **180.00**

No. 4C—Length of Forming Edge 5 ft. 1 in., Forms ¾ in. Edge and Wider on No. 18 Gauge, Complete with Angle Bar and Five Formers, Weight About 750 Lbs.; Well Adapted for Automobile and Manufacturing Work..... **150.00**

No. 5 —Length of Forming Edge 4 ft. ½ in., Forms 1 in. Edge and Wider on No. 14 Gauge, Complete with Angle Bar and Five Formers, Weight About 800 Lbs.; Well Adapted for Automobile and Manufacturing Work..... **150.00**

No. 6 —Length of Forming Edge 4 ft. ½ in., Forms 1 in. Edge and Wider on No. 16 Gauge, Complete with Angle Bar and Five Formers, Weight About 500 Lbs.; Suitable for Medium and Also Light Bending..... **120.00**

No. 5B—Length of Forming Edge 3 ft. ½ in., Forms 1 in. Edge and Wider on No. 14 Gauge, Complete with Angle Bar and Five Formers, Weight About 650 Lbs.; Well Adapted for Automobile and Manufacturing Work..... **120.00**

No. 6B—Length of Forming Edge 3 ft. ½ in., Forms 1 in. Edge and Larger on No. 16 Gauge, Complete with Angle Bar and Five Formers, Weight About 400 Lbs..... **100.00**

BISHOP'S QUICK WORKING FORMS

The Tool.

The Work.

Cast Iron.

Inches	3½	4	4½	5	6
Each	$0.95	1.20	1.25	1.45	1.90

For closing end of Eave Trough in corrugations, as shown in illustration. And end can be closed much quicker, neater and cheaper than in any other way. A cut through can have an end put in both parts, preventing waste. Old work can be closed from a ladder. The frost will not burst the end out.

Tinners' Machines.

WIRE BAIL FORMERS

Each

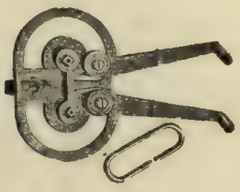
No. 3—Miller's Wire Bail Former, for Forming Wire Bails for Pails, Weight Each About 2 Lbs.... **$2.70**

WIRE RING FORMERS

Each

No. 475—Wire Ring Former or Winder, Weight Each About 14 Lbs..... **$5.40**

OVAL HANDLE FORMERS



Miller's.

Each

No. 5—For Forming Oval Rings of Wire, Weight Each About 36 Lbs..... **$5.40**

By an adjustable Gauge the operator is enabled to form No. 7 Wire Oval Handles $2\frac{1}{16}$x$1\frac{5}{16}$ and $3\frac{1}{8}$x$1\frac{1}{8}$ in.

WIRE CUTTERS AND BAIL FORMERS

Van Bramer's.

Each

No. 490—Patent Wire Cutter and Bail Former, Weight Each About 30 Lbs..... **$18.00**

A cheap and durable machine. It takes wire from the coil and gauges and cuts it to the desired length. It cuts smoothly and easily ¼ in. wire, as well as all smaller sizes from 2 up to 60 in. in length.

WIRE ROOFING FOLDERS

Common.

Nos.	33	13	3
Size, Inches	30	20	14
Ap. Weight Each, Lbs.	15	11	9
Each	$5.60	4.00	4.00

Improved, with Gauge.

Nos.	123	113
Size, Inches	30	20
Ap. Weight Each, Lbs.	15	11
Each	$8.00	5.60

ROOFING CLEATERS AND NAILERS

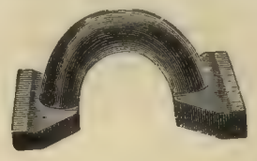
Each

Rapid Roofing Cleater and Nailer—Weight Each About 2¾ Lbs. **$4.20**

Adapted to tin and sheet metal roofs of various kinds and will nail flat seam roofs rapidly.

With one operation it folds the cleat and nails it to the sheathing.

ROOFING DOUBLE SEAMERS



Each

No. 4—To Match Roofing Tongs, Weight Each About 9 Lbs. **$1.40**

Tinners' Tools.

ROOFING DOUBLE SEAMERS

BURRITT'S

No. 742.

Per Set of 2 Pairs

No. 742—For Tin Roofing, in Sets of 2 Pairs, One Common or Narrow Gauge, which Follow 1 and 1¼ in. Edging Tongs and Finish a Double Lock ¾ in. High, the First Seamer Measures 1 in. and the Last Seamer ¾ in., and One Wide Gauge Double Seamer which Follow 1¼ and 1½ in. Edging Tongs and Finish a Double Lock 1 in. High, the First Seamer Measures 1¼ in., the Last Seamer 1 in., Weight Each About 40 Lbs.....**$36.00**

As an additional assistance in ordering, would state that the following numbers will be found on the different Seamers:

Numbers 3 and 5 on the first pair wide gauge Seamers.
Numbers 4 and 6 on the last pair wide gauge Seamers.
Numbers 7 and 8 on the first pair common gauge Seamers.
Numbers 9 and 10 on the last pair common gauge Seamers.

GUTTER TONGS

Per Pair

Gutter Tongs—Weight Per Pair 9 Lbs.....**$8.00**

ROOFING TONGS

Common.

Per Pair

No. 7—Sizes ½, ¾, 1, 1¼, 1½, and 1¾ in., Weight Per Pair 7 to 10 Lbs.....**$4.80**

SQUEEZING TONGS

Per Pair

No. 6—With Pipe Handles, Weight Per Pair About 28 Lbs. **$2.40**

ROOFING TONGS

Per Pair

No. 1—Reese's Improved, with Adjustable and Removable Gauge, Weight Per Pair 11½ Lbs.....**$14.50**

These Tongs will turn any edge from ¾ to 10 inches by simply adjusting the thumb screw and sliding the gauge to the desired position. They are adapted to edging and bending all kinds of ordinary sheet metal. Can be used on No. 22 Iron.

Per Pair

No. 2—Reese's, Adjustable Gauge, Weight Per Pair 9 Lbs.....**$6.40**

These Tongs will turn any size edge from ¾ to 3 in. by simply adjusting the Thumb Screw and sliding the Gauge to the desired width. Are light and strong and adapted to bending all kinds of ordinary sheet metal.

Tinners' Tools.

STAKES

Wrought Iron, Steel Faces

COMMON BLOWHORN

No	25
Large End, Inches	9
Small End, Inches	17½
Approximate Weight Each, Lbs	19
Each	$8.00

BEAKHORN

Nos.	1	2	4
Flat End, Inches	20	20	19
Round End, Inches	18	16	14½
Approx. Weight Each, Lbs.	45	40	30
Each	$24.00	21.20	16.00

NEEDLE CASE

No.	57
Length of Flat End, Inches	8
Length of Small End, Inches	10½
Approximate Weight Each, Lbs.	4
Each	$3.60

CANDLE MOULD

No.	56
Length of Small End, Inches	18
Length of Horn, Inches	8½
Approximate Weight Each, Lbs.	6½
Each	$4.40

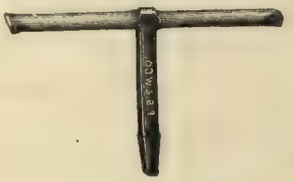
CREASING

No.	28
Length, Inches	14½
Approximate Weight Each, Lbs.	12½
Each	$6.40

CREASING, WITH HORN

No.	27
Round End, Inches	9½
Flat End, Inches	6½
Approximate Weight Each, Lbs.	12½
Each	$7.20

DOUBLE SEAMING



Nos.	21	22
Large End, Inches	17	11
Small End, Inches	12	11
App. Weight Each, Lbs.	34	29
Each	$14.40	12.80

CONDUCTOR

Wrought Iron, Polished Faces.

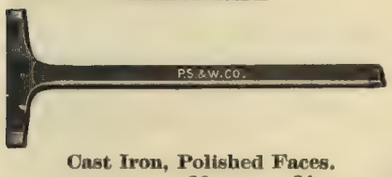
No.	0
Each End, Inches	14
Approximate Weight Each, Lbs.	27
Each	$9.60

Cast Iron, Turned, Polished Faces.

Nos.	71	72
Large End, Inches	15	14
Small End, Inches	11½	10
App. Weight Each, Lbs.	30	20
Each	$6.40	4.80

STAKES

MANDREL



Cast Iron, Polished Faces.

Nos.	60	61	62	63
Length Standard, Inches	40	34	30	27
App. Weight Each, Lbs.	86	56	43	30
Each	$9.60	8.00	6.40	4.80

BOTTOM

Wrought Iron, Steel Face.

Nos.	51	52	53	54
Width, Inches	1¾	1½	1¼	1
Approx. Wt. Each, Lbs.	4	3	2¼	1¾
Each	$1.60	1.28	1.20	.80

HOLLOW MANDREL

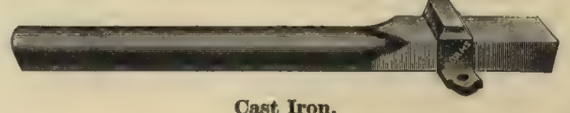
Cast Iron, Polished Face.

Each

No. 11—3 ft. 4 in. Long Over All, Flat Part 9 in. Long, 6 in. Wide, Oval Part 31 in. Long $8.80

Weight Each About 45 Pounds.

STOVE PIPE MANDREL



Cast Iron.

Each

Adams'—36 in. Long, 4½ in. Wide, without Die, Weight Each 38 Lbs. $6.15

The Saddle which attaches the Mandrel to the bench is heavy and is used as an iron to pound on.

Tinners' Tools.

STAKES

HATCHET

Wrought Iron, Steel Face.

Nos.	41	42	43	44	45	46
Length Blade, Inches	16	14½	13	11	9	7
Ap. Weight Each, Lbs.	14	12	9	6	4	3
Each	$8.00	6.80	5.60	4.40	3.60	2.80

SQUARE

Wrought Iron, Steel Face.

Nos.	Common 36	Large 38	Small 39
Face, Inches	2⅝x4½	3½x5½	1½x2⅜
Ap. Weight Each, Lbs.	11	14	3
Each	$4.80	11.20	3.20

COPPERSMITHS' SQUARE

Wrought Iron, Steel Face.

No.	35
Size of Face, Inches	2⅝x4½
Ap. Weight Each, Lbs.	11
Each	$5.60

BEVEL EDGE SQUARE

Wrought Iron, Steel Face.

Nos.	31	32
Size of Face, Inches.	3x5	2½x4½
Ap. Wt. Each, Lbs.	15	13
Each	$9.60	8.00

ROUND HEAD

Cast Iron, Polished Face.

Each

No. 65—⅝ in. Round Head, 12½ in. Long Over All. $2.00

Weight Each About 10 Pounds.

TEA KETTLE

Wrought Iron, Polished Faces.

Each

No. 58—With Four Steel Heads, Weight Complete About 45 Lbs. $25.20

Extra Steel Heads 2.80

DOUBLE SEAMING

Cast Iron, Polished Faces. Each

No. 49—Four Heads, One Each Round, Square, Oblong, and Oval, Weight Each Complete About 85 Lbs. $14.40

Extra Heads 2.40

COLANDER SWEDGES

Each

No. 120—Weight Each About 10 Lbs. $7.60

By reversing hammer, two different patterns of Colander Beads can be made.

SQUARE PAN SWEDGES

Each

No. 121—Weight Each About 11 Lbs. $8.00

Intended for Creasing Blanks for square pans on the line where the sides are to be turned up.

CREASING SWEDGES

Each

No. 122—Weight Each About 15 Lbs. $8.40

Creases are made with sharp faces of hammer. The corresponding beads with the grooved face.

SQUARE PAN FOLDERS

Miller's.

Each

No. 499—20 in. Long, Adjustable Gauge, Weight Each About 21 Lbs. $8.00

This machine is constructed so as to turn the edges of different sizes of Square Pans, Tin or Iron, rendering the locks suitable for any size wire.

SQUARE PAN TURNERS

Steel Blade.

Each

No. 496—20 in., Weight Each About 6 Lbs. $4.00

No. 497—15 in., Weight Each About 5 Lbs. 3.20

SQUARE PAN FORMERS

Whitney's.

Each

No. 498—20 in., with Steel Blade, Weight Each About 10 Lbs. $4.00

Tinners' Tools.

BENCH PLATES

Cast Iron, Planed Surface.

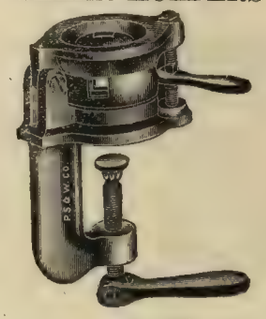
Nos.	1	2
Size, Inches	37x8	30x8
App. Wt. Each, Lbs.	55	40
Each	$8.00	4.80

Improved, Polished. Each

No. 3—9x9 in., Weight About 18 Lbs. $5.60

This Bench Plate is so made that it can be readily inserted in any bench of ordinary thickness, and revolves so that different tools may be used in the same position.

SHEAR HOLDERS

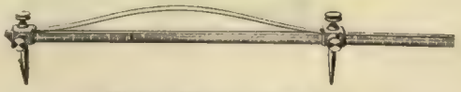


Each

No. 5—Stow's Improved, with Clamp, Weight Each 18 Lbs. $4.80

The advantages of this Shear Holder are at once apparent. The Stand, Clamp and Wrench are always attached, the tinner can use it anywhere on his bench in any part of his shop, and it will hold the bits firmly at any angle desired.

MAGIC PATTERN RULES



Nickel Plated Steel Bar. Each

No. 5—4 ft. Long, 1/16 in. Square, Marked in Circumference Inches on the Front and in Inches and Eighths on the Back, with Two Slides, Trammel Points, Three Flexible Steel Ribbons of Different Gauges and One 19x23 in. Pattern Chart, in Hinged Wooden Case. $8.50

For laying out Elbow Pattern the left hand slide is fastened to the end of the bar by the Set Screw, and the right hand slide is set according to the diameter of Elbow that is wanted. A flexible Steel Ribbon on the top of the Bar is then raised to the required height according to angle of Elbow wanted, one glance at the chart giving such height necessary according to the Elbow required. The chart is mounted on linen and very durable, and contains besides the Elbow diagram, also rules for cutting all kinds of flaring oval, cylindrical, cone-shaped vessels, etc., with the aid of the Magic.

STEEL STRAIGHT EDGES

Special Smooth High Carbon Steel, Finished Edges, One Edge Beveled.

Length, Feet	4¼	6⅛	8½	10½
Each	$3.90	4.70	6.25	7.80

TINNERS' BENCH RULES

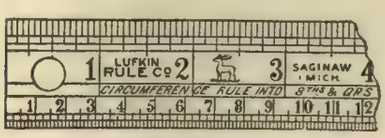
Tempered Steel, 1¼ in. Wide, 16 Gauge, Marked One Side Circumference Rule, Opposite Side Table of Measurements.

Each

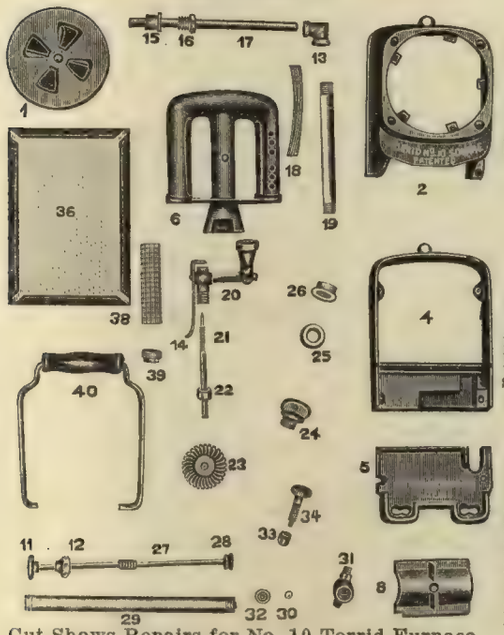
No. 10—Plain, 3 ft., Weight Each About ¾ Lb. $4.45

No. 20—Nickel Plated, 3 ft., Weight Each About ¾ Lb. 5.60

Open Stock.



Nos. 10 and 20.



Cut Shows Repairs for No. 10 Torrid Furnace.

Each

No. T18—Generating Wire. .06

No. T19—Generating Pipe. .12

No. T20—Needle Valve. .65

No. T21—Needle, for Valve. .22

No. T22—Stuffing Nut. .11

No. T23—Wheel Handle. .12

No. T24—Filler Plug . .23

Per Dozen

No. T25—Filler Washer . $0.06

SOLDERING FURNACES TORRID

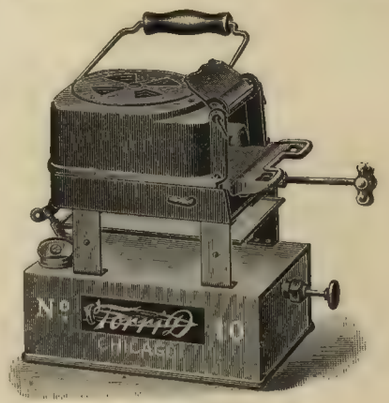
For Gasoline.

Each

No. 10—18 Gauge, Drawn Galvanized Steel Tank, Cast Horse Shoe Burner, 10 in. Brass Set Air Pump, Cast Metal Hood, Capacity of Tank 1 Gallon, Height 12 in. $14.50

Weight Each About 15 Pounds.

This Furnace is especially constructed for Sheet Metal Workers, Tinners, Pattern Makers, etc. It is noiseless, odorless and smokeless.



No. 10.

LIST OF REPAIRS FOR No. 10 TORRID SOLDERING FURNACE

Discount on Application.

Each

No. T1—Register Cover. $0.40

No. T2—Hood . .50

No. T4—Hearth Plate . .50

No. T5—Iron Rest . .35

No. T6—Burner (No Fittings). 1.00

No. T8—Flame Plate . .18

Each

No. T26—Filler Socket . $0.17

No. T27—Pump Rod . .12

Per Dozen

No. T28—Pump Cup Washers. $0.11

Each

No. T29—Pump Tube . $0.29

No. T31—Pump Air Valve. .28

No. T32—Pump Air Check. .12

Each

No. T11—Pump Knob . .06

No. T12—Pump Hexagon Nut. .11

No. T13—Elbow, ¼ x ⅛ in. Sup. .18

No. T15—Stuffing Box . .16

No. T16—Stuffing Box Nut. .16

No. T17—Supply Pipe . .12

Each

No. T33—Pump Valve Stff. Nut .06

No. T34—Pump Valve Th. Scr. .16

No. T36—Asbestos Plate . .20

No. T38—Perf. Burner Tubes. .12

No. T39—Burner Plug . .11

No. T40—Bail Handle . .12

No. T41—Tank Complete . 2.50

Tinners' Tools.

SOLDERING FURNACES.

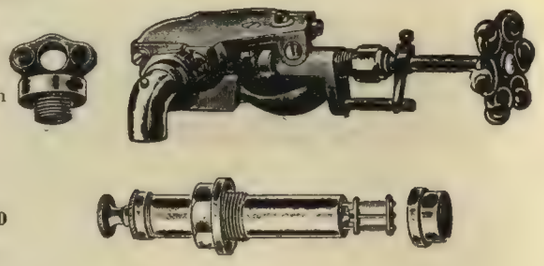
SPECIAL.

For Gasoline.

Each

No. 5—12 in. High Over All, 8½ in. Diameter at Base, 6 in. Diameter at Top, Heavy Galvanized Iron Tank, Capacity 5 Pints, Thoroughly Braced, Will Stand 50 Lbs. of Pressure, Swivel Joint on Burner, with Air Pump $10.00

Weight Each About 12 Pounds.



LIST OF REPAIRS FOR No. 5 SPECIAL SOLDERING FURNACE.

	Each		Each
Burner and Swivel	$2.20	Air Valve	$0.30
Burner Only	1.70	Needle Point	.30
Swivel Only	.55	Filler	.30
Pump	.50	Filler Plug Only	.30
Pump Collar	.11	Sheet and Malleable Iron Top	1.50
Bulb	.25	Base, with Burner and Swivel	3.00

NOTE—When Ordering Parts, Give Number and Name of Part Wanted.

GEM SOLDERING FURNACES.

For Gasoline.

20½x7x15 in. High, Sheet Steel Base, Brass Pump, 7x5½x3 in. Hood, 4¼x1¾ in. Cast Iron Cylindrical Slotted Burner, Capacity 3 Quarts.

Tinners' and Roofers'.

Each

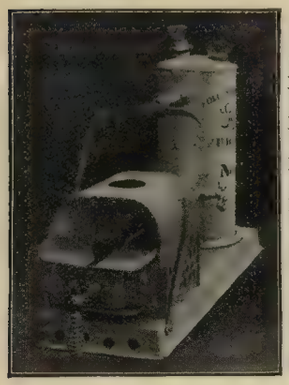
No. 3—Galvanized Reservoir, without Lead Pot and Plumbers' Hood $14.10

No. 03—Galvanized Reservoir, with Lead Pot and Plumbers' Hood 15.80

No. 30—Copper Reservoir, without Lead Pot and Plumbers' Hood 16.90

No. 33—Copper Reservoir, with Lead Pot and Plumbers' Hood 18.80

Weight Each Crated About 22½ Pounds.



Nos. 3 to 33.

Tinners', Roofers' and Plumbers'.

Each

No. 7—7x5¼x3 in Hood, Galvanized Reservoir.... $15.25

Weight Each About 20 Pounds.

No. 7.

No. 2.

TINNERS' FIRE POTS.

For Charcoal.

Each

No. 2—Cast Base and Top, Japanned Sheet Iron Body, Weight Each About 15 Lbs..... $4.50

LIST OF REPAIRS FOR THE GEM GASOLINE SOLDERING FURNACES, Nos. 3 to 33 and No. 7.

Issued Feb. 1, 1914, Canceling all Previous Prices.

No.	NAME	DESCRIPTION.	Weight	Price
00	Chimney	Screen protecting drip cup	2 ozs.	$0.05
0	Drip Cup	Part that holds gasoline	1 lb.	.25
01	Supporting Bottom	Part supporting drip cup	1 lb.	.10
02	Bracket	Part supporting bottom is bolted to	1 lb.	.10
1	Hood	Part that covers the soldering coppers	2 lbs.	.40
2	Front Resting Plate	Part that soldering coppers rest on	2 lbs.	.40
3	Back Resting Plate	Part that points of soldering coppers rest on	1 lb.	.30
4	Drip Cup, old style	Part that holds the oil for heating generator valve in starting	1 lb.	.20
5	Cylinder or Slotted Burner	Cylindrical slotted part that supplies the flame, 5⅛ long	2 lbs.	.75
6	Side Pieces	Parts supporting furnace and protecting flame (2) two for	1 lb.	.15
7	Ring	Iron part around bottom of reservoir, attached to base	1 lb.	.10
10	Slide Rod, old style	Part that drip cup slides on	4 ozs.	7
11	Steel Base	Part that furnace and reservoir rests on	3 lbs.	.50
13	Handle	Malleable iron to support reservoir and carry furnace	1 lb.	.50
14	Mixing Tube	Conveys gas from needle point to mixing chamber	2 ozs.	.10
16	Bolts	For bolting front and back resting plates together. Length 6¼ in., (2) two for	4 ozs.	.10
17	Generator Valve	Valve that regulates and generates the gas	1 lb.	.85
18	Oil Faucet	Valve that goes between furnace and reservoir	1 lb.	.60
19	Generating Pipe	Pipe that fits in furnace over slotted burner, drawn steel tubing	1 lb.	.50
20	Air Faucet	Brass casting that screws on top of reservoir	1 lb.	.75
21	Patent Rubber Bulb and Tube	Part fits on tube of air faucet for supplying pressure	4 ozs.	.60
22	Rubber Valve	Part that works in metal coupling of bulb—are lost occasionally (2) two for	1 oz.	5
23	Galvanized Iron Reservoir	Tank that holds the gasoline. These prices include air faucet and pipes, excluding rubber bulb, ready to fit oil faucet	5 lbs.	2.50
23-S	Galvanized S. Res. for Star	Tank that holds gasoline for No. 10 Star, including Filler Plug and Pump	5 lbs.	3.00
23-P	Galv. S. Res. for No. 3 and 7 Gems	Including Leakless Pump and Filler plug	6 lbs.	3.00
23-LP	Res. for No. 11 Gem, G Steel	Including large Pump and Filler plug	6 lbs.	3.50
24	Copper Reservoirs	Same Tanks for No. 3 and 7 Gems, including air valve	6 lbs.	3.50
24-P	Copper Res. for No. 3 and 7 Gem	Including Pump and Filler plug	6 lbs.	4.00
	Plumber's Lead Pot		6 lbs.	.50
	Plumber's Hood		4 lbs.	.50
F. Pl	Plumber's Plug and Collar	For top of reservoir	1 lb.	.30
S. P	Small Pump and Collar	Goes into top of reservoir	1 lb.	.85
L. P	Large Pump and Bracket	Goes outside reservoir of No. 11 Gem	1 lb.	1.25

NOTE—In Ordering Parts Always Give Furnace Number and Number of Part.

Tinners' Tools.

SOLDERING FURNACES

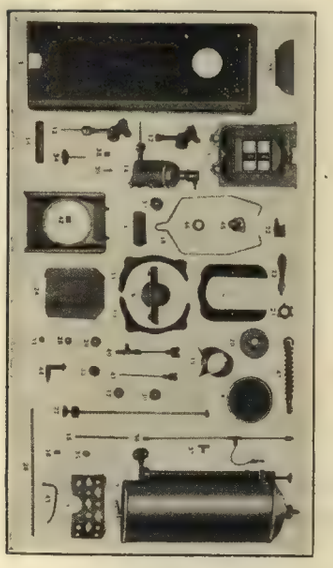
DOUBLE BLAST

Without Lead Pot and Plumber's Hood.

Each

No. 20—5x12 in., Galvanized Steel Reservoir, Aluminum Finished, No. 24 Smooth Sheet Iron Base, Heavy Wire in Bottom, Japanned, 10 in. Brass Pump, 1 in. Diameter, Independent Generating Valve, Brass Generator **$16.10**

Weight Each, Crated, About 29 Pounds.



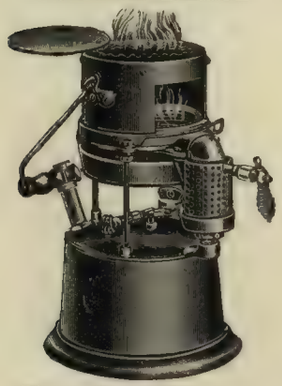
LIST OF REPAIRS FOR No. 20 DOUBLE BLAST SOLDERING FURNACES

Part No.	Description	Price
1	Base .....Ex. 2 Lbs.	$0.50
2	Tank, complete with pump, No. 45 filler plug and No. 44 elbow..Ex. 3 lbs.	2.50
3	Main casting with mixing tube.....Ex. 3¼ lbs.	.60
4	Channel cover for main casting.....Postage .02	.15
5	Sawed burner .....Postage .17	.35
6	Generator cap .....Postage .06	.20
7	Hood .....Ex. 3 lbs. 2 oz.	.60
8	Cover for hood.....Postage .07	.15
9	Side support for main castg. interchangeable .....Postage .09	.15
10	Right hand ring for tank..Postage .06	.15
11	Left hand ring for tank..Postage .06	.15
12	Generator only .....Postage .08	.60
13	Generator with No. 15 needle valve stem, No. 16 packing collar and No. 17 packing nut .....Postage .09	.75
14	Generator complete with No. 15 needle valve stem, No. 16 packing collar, No. 17 packing nut, No. 18 Stand Pipe, No. 19 perforated cylinder, No. 20 generating cup, No. 21 support for generating cup and No. 22 bottom for stand pipe .....Ex. 21 oz.	1.50
15	Generator valve stem with needle.....Postage .02	.20
16	Collar for generator valve stem packing .....Postage .02	.10
17	Packing nut for generator valve stem.....Postage .02	.15
18	Stand pipe with gravel filter..P. .04	.20
19	Perforated cylinder with lip..P. .05	.25
20	Generating cup .....Postage .02	.20
21	Support for generating cup...P. .02	.10
22	Bottom for stand pipe..Postage .02	.25
23	Turn lever for No. 15 valve stem.....Postage .02	.15
24	Wind shield under main casting.....Postage .04	.15
25	Wind shield rear of main casting.....Postage .04	.15
26	Pump plunger only.....Postage .02	.15
27	Pump plunger complete with No. 28 small washer, No. 29 large washer, No. 30 leather valve, No. 31 nut, No. 32 top for barrel and No. 33 top.....Postage .05	$0.60
28	Small washer for pump plunger.....Postage .02	.05
29	Large washer for pump plunger.....Postage .02	.05
30	Leather valve for pump plunger.....Postage .02	.05
31	Nut for pump plunger..Postage .02	.05
32	Top for pump barrel....Postage .02	.15
33	Top for pump plunger..Postage .02	.05
34	Valve stem for pump with hand wheel .....Postage .02	.20
35	Packing nut for No. 34 valve stem for pump .....Postage .02	.05
36	Connecting tube, to connect tank to generator with No. 37 tee, No. 38 nuts and 39 jams.....Postage .04	.40
37	Tee for No. 36 connecting tube.....Postage .02	.20
38	Nut for No. 39, jam for No. 36 connecting tube .....Postage .02	.05
39	Jam for No. 36 connecting tube.....Postage .02	.05
40	Generating valve complete under base with No. 41 valve stem and No. 42 packing nut .....Postage .04	.40
41	Valve stem with thumb piece for No. 40 generating valve.....Postage .02	.15
42	Packing nut for No. 41 valve stem.....Postage .02	.05
43	Connecting tube from generating valve to generating cup with No. 39 jam .....Postage .02	.15
44	Elbow under tank .....Postage .02	.15
45	Filler plug with No. 46 gasket.....Postage .03	.35
46	Gasket for No. 45 filler plug..P. .02	.05
47	Coil handle for tank....Postage .04	.25
48	Wire ball .....Postage .02	.10

NOTE—When Ordering Parts, Give Number and Name of Part Wanted.

Soldering Furnaces.

DOUBLE BLAST



Tinners' and Plumbers'.

Each

No. 35—Best Galvanized Iron Tank, Capacity 1 Gallon, Pressed Base, No. 8 Wire Rolled in at the Bottom, Concave Shaped Bottom, ⅞ in. Brass Pump with 7½ in. Stroke, Powerful Brass Generator with ⅝ in. Opening, Independent Generating Valve, **without Lead Pot**..... **$14.50**

Weight Each, Crated, About 19 Pounds.

Gas Fire Pots.

DOUBLE BLAST

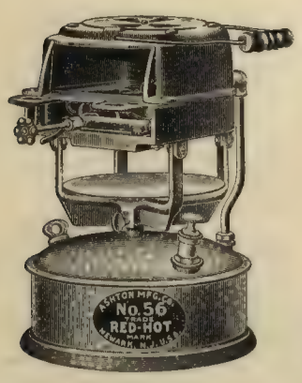
For Gas.

Each

No. 45—Malleable Grey Iron Base, Adjustable Double Blast Burners, Removable Hood..... **$10.00**

Weight Each, Boxed, About 15 Pounds.

Tinners' Tools.



SOLDERING FURNACES
RED HOT

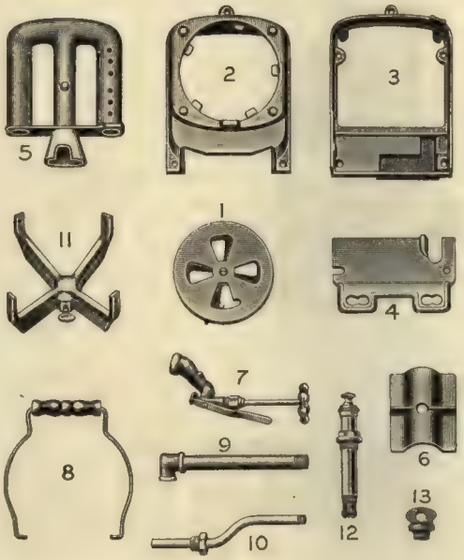
Galvanized Iron Tank.

	Each
No. 56—Generator Metal Burner, with Double Heating Surfaces, Automatic Brass Pump in Tank, Capacity of Tank 1 Gallon	$10.00

Weight Each, Crated, About 20 Pounds.

REPAIRS FOR No. 56 RED HOT FURNACES

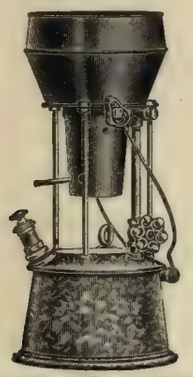
	Each
No. 1—Hood Cover	$0.25
No. 2—Hood	.50
No. 3—Hearth Plate	.50
No. 4—Hearth Rest	.25



	Each
No. 5—Burner Plate with Tubes and Plugs	$1.20
No. 6—Flame Plate	.10
No. 7—Wheel Handle, Needle, Packing Nut, Generator and Slide	1.00
No. 8—Bail Handle	.10
No. 9—Generator Pipe and Ell, ¼x⅛ in.	.20
No. 10—Feed Pipe, ⅛ in., and Nut	.40
No. 11—Tripod	.50
No. 12—Pump	.50
No. 13—Filler Plug	.15
No. 14—Pump Collar	.10
No. 15—Filler Plug Washer	.01
No. 16—Filler Plug Collar	.15

	Each
No. 17—Slip Nut for Generator Pipe	$0.15
No. 18—Generator Wire	.05
No. 19—Oil Slide	.05
No. 20—Tank Complete	2.00

FIRE POTS
RED HOT



	Each
No. 83—Heavy Galvanized Iron Tank with Sloping Sides and Broad Base, Galvanized Cast Iron Top Plate and Bottom Ring, Malleable Iron and Brass Fittings, Extra Heavy Pipe Coil, Quick Opening Valve, Best Rubber Bulb	$6.15

Weight Each About 13 Pounds.

	Each
No. 61—Heavy Seamless Drawn Steel Tank, Welded Bottom and Fittings, Automatic Brass Pump, Double Spring Check Valve, Brass and Malleable Iron Fittings, Extra Heavy Steel Pipe Coil, Extra Large Funnel and Filler Plug, with One Shield	$8.90

Weight Each About 15 Pounds.

REPAIRS FOR Nos. 83 and 61
RED HOT FIRE POTS

	Each
Brass Pump	$0.60
Upright	.10
Connecting Pipe	.10
Wire for Coil	.06
Burner	.11
Bulb	.40
Handle	.35
Valve	.50
Nuts, Nos. 1 or 2	.03
Plug	.07
Tee	.07
Ell	.07
Filler Plug	.20
Handle Ear	.09
Air Valve	.35
Coil	.50
Reservoir	2.30
Shield, Nos. 1 or 2	.65
Shield, No. 3	1.45
Coil Cup	.35
Top Plate	.30

When Ordering Repairs, State Number of Pot for which Same are Wanted.

Gasoline Blow Torches.

"ALWAYS RELIABLE"

Heavy Drawn Brass Reservoir.

	Each
No. 1—Capacity 1 Quart, Special Bronze Metal Burner, Fitted with "Neverleak" Pump, Weight Each About 4 Lbs.	$6.20
No. 2—Capacity 1 Pint, Special Bronze Metal Burner, Fitted with "Neverleak" Pump, Weight Each About 3 Lbs.	5.90

Heavy Drawn Brass Reservoir.

	Each
No. 3—Capacity 1 Quart, Special Bronze Metal Burner, Fitted with "Neverleak" Pump, **Adjustable Soldering Iron Rest**, Weight Each About 4¼ Lbs.	$6.65
No. 57—Same Description as No. 3, but Constructed of Lighter Material, Weight Each About 4 Lbs.	5.00

Flat Brass Reservoir.

	Each
No. 5—Auto, Capacity 1 Pint, Special Bronze Metal Burner, Fitted with 'Neverleak" Pump, Weight Each About 4 Lbs.	$7.80
No. 6—Auto, Same as No. 5, but **with Soldering Iron Rest**, Weight Each About 4¼ Lbs.	8.20

Round Body.

	Each
No. 7—Infant, Capacity ⅛ Pint	$2.00

Weight Each About ⅜ Pound.

"RED HOT"

Heavy, Seamless Drawn Brass Reservoir.

	Each
No. 9—Capacity 1 Quart, Concave Brass Bottom, Improved Patented Automatic Pump Sets in a Sleeve or Cylinder which Forms the Handle, Special Bronze Metal Burner	$5.00

Weight Each About 4 Pounds.

Heavy, Seamless Drawn Brass Reservoir.

	Each
No. 10—Capacity 1 Quart, Concave Brass Bottom, Improved Patented Automatic Pump Sets in a Sleeve or Cylinder which Forms the Handle, Special Bronze Metal Burner, **with Soldering Iron Rest**	$5.55

Weight Each About 4¼ Pounds.

Gasoline Blow Torches.

"RED HOT"

Heavy, Seamless Drawn Brass Reservoir.

Each

No. 11—Capacity 1 Pint, Concave Brass Bottom, Improved Patented Automatic Pump Sets in a Sleeve or Cylinder which Forms the Handle, Special Bronze Metal Burner.....**$4.45**

Weight Each About 3 Pounds.

Heavy, Seamless Drawn Brass Reinforced Reservoir.

Each

No. 23—Capacity 1 Quart, Concave Brass Bottom, Improved Patented Automatic Pump Sets in a Sleeve or Cylinder which Forms the Handle, Improved Special Bronze Generator Metal Burner with Back-Flow, **with Soldering Iron Rest** **$8.30**

Weight Each About 4¼ Pounds.

Heavy, Seamless Drawn Brass Reinforced Reservoir.

Each

No. 14—Capacity 1 Quart, Patented Automatic Pump in Tank, Special Generator Metal Burner with Back Flow Burner, **with Soldering Iron Rest**..**$8.90**

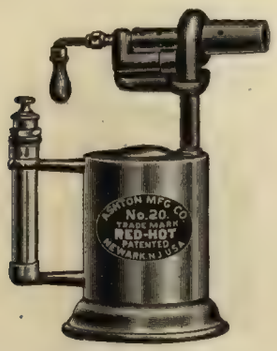
Weight Each About 4¼ Pounds.

Heavy, Seamless Drawn Brass Reinforced Reservoir.

Each

No. 16—Capacity 1 Pint, Patented Automatic Pump in Tank, Special Generator Metal Burner with Back Flow Burner, **with Soldering Iron Rest**..**$7.75**

Weight Each About 3 Pounds.



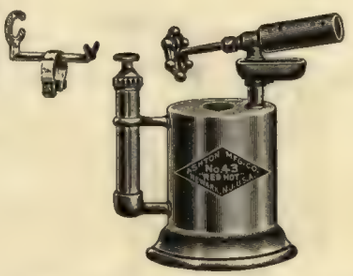
"Hand Brazier."
Heavy, Seamless Drawn Brass Reinforced Reservoir.

Each

No. 20—Capacity 1 Quart, Patented Coil Principle, Concave Brass Bottom, Improved Automatic Pump Sets in Sleeve or Cylinder which Forms the Handle, Special Burner, Producing the Highest Degree of Heat.....**$9.45**

Weight Each About 5 Pounds.

This soldering copper attachment is supplied with No. 43 torch free of charge.



Heavy, Seamless Drawn Brass Reservoir.

Each

No. 43—Capacity 1 Quart, Single Spring Automatic Pump in Handle, Bronze Metal Burner, **Detachable Soldering Iron Rest**.....**$4.45**

Weight Each About 4⅛ Pounds.

Tinners' Tools.

HAND SHEARS OR SNIPS

STRAIGHT

P. S. & W. CO.'S

Forged from Best Norway Iron, Steel Laid.

Nos.	6½	7	8	9	10	11	12
Lgth. Over All, In.	15¾	14¼	13½	12	11	10½	10
Cut, Inches	4¼	4	3½	3	2½	2¼	2
Ap. Wt. Each, Lbs.	3½	2⅞	2¼	1¾	1⅜	1	⅝
Each	$3.90	3.60	2.90	2.15	2.00	1.70	1.45

COMPTON

Drop Forged Steel, Bar Tool Steel Laid Blades, Japanned Handles.

Nos.	46	47	48	49	50
Length Over All, Inches	15½	14	13	12	11
Cut, Inches	4½	4	3½	3	2½
Ap. Weight Each, Lbs.	3¼	2¾	2	1¾	1⅜
Each	$3.35	2.80	2.25	1.70	1.55

P. S. & W. CO.'S

JEWELERS', Solid Forged Steel.

No. 011—8 in. Long Over All, 1¾ in. Cut ..... Each $1.70

Weight Each About 1 Pound.

Solid Forged Steel.

No. 99—12½ in. Long Over All, 3 in. Cut ..... Each $1.45

Weight Each About 2 Pounds.

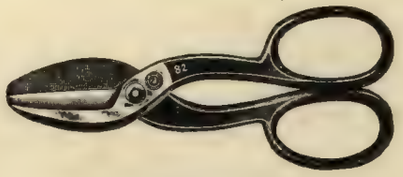
BULL DOG

Cast Iron.

Bull Dog—3 in. Cut, Well Polished Blades, Jet Black Enameled Handles, Adjustable Bolt, Hardened Cutting Edge ..... Per Dozen $5.60

Weight Per Dozen About 15 Pounds.

POCKET



Solid Forged Steel.

No. 82—7 in. Long Over All, 2 in. Cut, Polished Blades ..... Each $1.45

Weight Each About ¾ Pound.

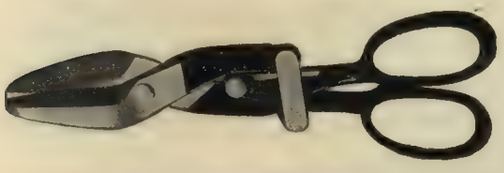
SEARIGHT'S COMPOUND LEVER

Vest Pocket.

No. 7-S—1¼ in. Cut, Solid Crucible Tool Steel ..... Each $1.80

Weight Each About 5 Ounces.

SEARIGHT'S COMPOUND LEVER



Solid Crucible Tool Steel.

Nos.	8-S	10-S	12-S	14-S
Length Over All, Inches.	8	10½	12	14
Cut, Inches	1¼	2½	3	3½
Ap. Weight Each, Lbs.	⅝	1½	2⅛	2⅝
Each	$2.70	4.00	5.35	6.25

VIKING

Best Quality Steel Blades.

Viking—34⅝ in. Long Over All, 5½ in. Blades, ¼ in. Thick, Adjustable and Removable, Best Grade Malleable Iron Body, Will Cut ⅛ in. Common Iron, 12 Gauge Bessemer Steel or ¼ in. Brass, Any Width ..... Each $26.65

Weight Each About 20½ Pounds.

Tinners' Tools.

HAND SHEARS OR SNIPS

P. S. & W. CO.'S CIRCULAR

Forged from Best Norway Iron, Steel Laid.

Nos.	C7	C8	C9	C10
Length Over All, Inches	14¼	13½	12	11
Cut, Inches	4	3½	3	2½
Ap. Weight Each, Lbs	2⅞	2¼	1¾	1 3/16
Each	$6.25	4.30	3.60	3.25

COMPTON CIRCULAR

Drop Forged Steel, Bar Tool Laid Blades, Japanned Handles.

Nos.	480	490
Length Over All, Inches	13	12
Cut, Inches	3½	3
Ap. Weight Each, Lbs	2	1¾
Each	$3.35	2.80

GENUINE LYON

Forged Handles, Steel Blades, for Cutting Scrolls and Circles.

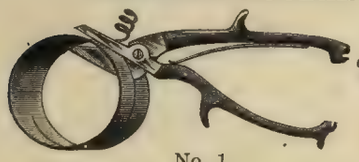
Nos.	170	180	190
Length Over All, Inches	14	13	12½
Cut, Inches	3½	3	2½
Ap. Weight Each, Lbs	2¾	2	1¼
Each	$3.90	3.15	2.35

HERCULES

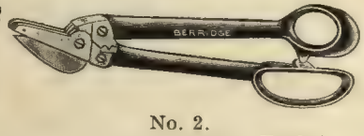
Beveled Jaws with Straight Cutting Edges, Steel Laid, for Circular or Straight Work.

Nos.	146	147	148	149	150
Length Over All, Inches	15¾	14½	14	12¾	11
Cut, Inches	4½	4	3½	3	2½
Ap. Weight Each, Lbs	3½	3	2¾	2	1½
Each	$3.85	3.25	2.60	1.90	1.80

BERRIDGE DOUBLE CUTTING SHEARS



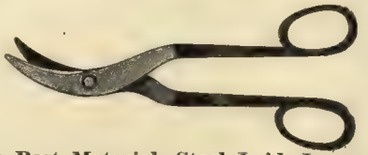
No. 1.



No. 2.

	Each
No. 1—Double Cutting, without Pipe Crimper, 8 in. Long, Weight Each About ⅞ Lb	$3.00
No. 2—Double Cutting, with Pipe Crimper, 13 in. Long, Weight Each About 2¼ Lbs	5.60
No. 3—Double Cutting, without Pipe Crimper, 13 in. Long, Weight Each About 2 Lbs	3.90

HAWK'S BILL CIRCULAR



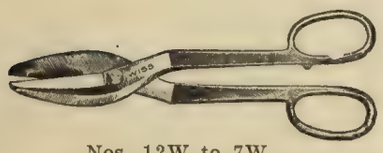
Forged from Best Material, Steel Laid, Improved Pointed.

	Each
No. 15—10 in. Long Over All, 3 in. Cut	$4.50

Weight Each About 1¼ Pounds.

J. WISS & SONS CO.'S

REGULAR PATTERN



Nos. 12W to 7W.

Finest Crucible Bar Steel Welded to the Inside of Blades of the Toughest Steel Forgings, Giving Perfect Cutting Edge.

Nos.	12W	11W	10W	9W	8W	7W
Length Over All, Inches	8	9½	11½	12½	13¾	14½
Cut, Inches	2	2¼	2½	3	3½	4
Ap. Weight Each, Lbs	1	1¼	1½	2	2¾	3
Each	$1.20	1.45	1.70	1.80	2.40	3.00

CIRCULAR BLADE

Finest Crucible Bar Steel, Welded to the Inside of Blade of the Toughest Steel Forgings.

Nos.	12CB	10CB	9CB	8CB
Length Over All, Inches	8	11½	12½	13¾
Cut, Inches	2	2½	3	3½
Ap. Weight Each, Lbs	1	1½	2	2¾
Each	$2.10	2.70	3.00	3.60

COMBINATION PATTERN

Steel Laid Blades, for Curved or Straight Work.

Nos.	19W	18W
Length Over All, Inches	12½	13½
Cut, Inches	3	3½
Ap. Weight Each, Lbs	2	2½
Each	$2.40	3.00

These Snips are made with Straight Blades, but are ground and shaped in such a manner that they can be used as readily for cutting curves and irregular shapes as for straight work, thus combining all the advantages of both the Circular and the Straight Snip in one tool.

Tinners' Tools.

BENCH SHEARS

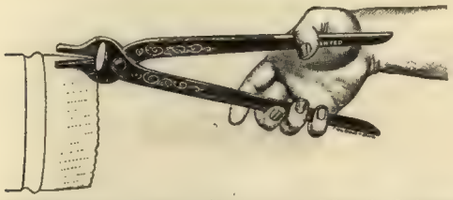
Nos.	00	0	1	2	3	4	5	6
Length Over All, Inches	46	42½	39	37	31	30	27	25
Cut, Inches	11½	10½	9	8¾	7⅝	7⅜	6¼	5¼
Approx. Weight Each, Lbs.	36	30	24	19	13	12	9	8¼
Each	$21.60	19.20	12.80	11.20	9.60	8.00	6.40	5.60

Each

No. 31—26 in. Long Over All, 4 in. Cut, Will Cut Up to No. 18 Iron, Weight Each About 9½ Lbs.....$8.40

CRIMPING TONGS

PACKHAM'S



Packham's Patent Pipe and Metal Crimper. Each

No. 5—13½ in. Long, Weight Each About 1⅞ Lbs....$1.25

HALL'S

Hall's Patent Pipe and Metal Crimper. Each

No. 10—8½ in. Long, Weight Each About ⅝ Lb.....$0.70

PLANISHING HAMMERS

Cast Steel, without Handle.

Nos.	10	12	13
Weight Each, Lbs.	1	1¼	1½
Per Pound	$1.80	1.80	1.80

RAISING HAMMERS

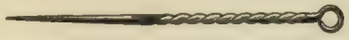
Cast Steel, without Handle.

Nos.	1	2	3	4
Weight Each, Lbs.	5	3¾	2¼	1¼
Each	$4.00	3.30	2.40	1.55

Per Dozen

Handles—For Raising Hammers $2.25

SCRATCH AWLS

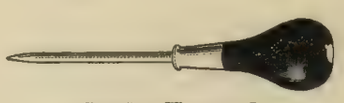


Solid Forged Steel.

Per Dozen

No. 1T—6½ in. Long Over All, Polished Finish Point, Oil Tempered, Natural-Finished Body.....$2.70

Weight Per Dozen About 1⅛ Pounds.
One Dozen in a Box.



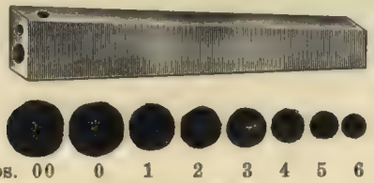
Stanley Hurwood.

Per Dozen

No. 8—7½ in. Long Over All, 3¾ in. Best Crucible Steel Blade, ¼ in. Diameter Needle Point, Blade, Shank and Head Formed of One Piece of Steel, Stained Black Wood Handle.....$4.50

Weight Each About 3 Pounds.
One Dozen in a Box.

TINNERS' RIVET SETS AND HEADERS



Nos. 00 0 1 2 3 4 5 6

Full Size of Holes.

No. 46—Forged Steel, Gun Metal Finish.

Size Nos.	00	0	1	2
For Iron Rivets, Lbs.	14	10, 12	8	6
Each	$0.75	.75	.63	.63
Size Nos.	**3**	**4**	**5**	**6**
For Iron Rivets, Lbs.	4, 5	2½, 3	1¾, 2	1½
Each	$0.50	.50	.37	.37

Average Weight Per Dozen About 5 Pounds.
One-half Dozen in a Box.

FARMERS' RIVET SETS AND HEADERS

Solid Forged Steel, Oil Tempered, Polished Face, Natural Finish Body.

Nos.	7	8	9
For Rivets, Nos.	7	8	9
Per Dozen	$2.25	2.25	2.25

Average Weight Per Dozen About 5 Pounds.

One-half Dozen in a Box.

Tinners' Tools.

HAND GROOVERS

Forged Steel.

Nos.	00	0	1	2	3	4	5	6	7	8
Size of Groove, Inches	½	7/16	13/32	3/8	5/16	¼	3/16	5/32	1/8	1/16
Each	$0.90	.90	.76	.76	.60	.60	.45	.45	.30	.30

Average Weight Per Dozen About 12 Pounds.

HOLLOW PUNCHES

⅜ to 1½ Inch.

Forged Steel.

1⅝ to 2½ Inch.

Wrought Shank.

Inches	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2	2¼	2½
Each	$0.46	.60	.76	.90	1.06	1.20	1.36	1.50	1.65	1.80	1.95	2.10	3.00	3.37	3.75

All Sizes to and Including 1½ in. are Forged Steel. Sizes Larger than 1½ in. are Wrought Shank.

Average Weight Per Dozen About 20 Pounds.

LANTERN CHISELS

Inches	½	1
Each	$0.11	.18

Average Weight Per Dozen About 5 Pounds.

WIRE CHISELS

Inches	¼	⅜	½	⅝	¾	⅞
Each	$0.07½	.08¼	.09	.10	.11	.12
Inches	1	1⅛	1¼	1½	1¾	2
Each	$0.13	.14	.16	.18	.22	.26

Average Weight Per Dozen About 10 Pounds.

SOLDERING COPPERS

Pointed Pattern, for General Use.

Nos.	1	1½	2	2½	3	4
Ap. Wt. Per Pair, Lbs.	1	1½	2	2½	3	4
Per Pound	$....	....	....	....	....	....

Nos.	5	6	8	10	12
Ap. Wt. Per Pair, Lbs.	5	6	8	10	12
Per Pound	$....	....	....	....	....

Flat Pattern, for Bottoms.

Nos.	14	15	16
Ap. Weight Per Pair, Lbs.	4	5	6
Per Pound	$....	....	....

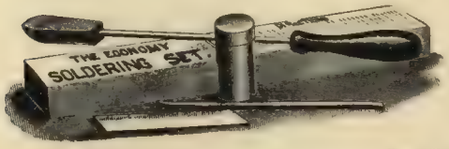
Roofing Pattern, with Shield.

No. 11—Roofing Coppers, Square Point, Wood Handle and Riveted Shield ..... Per Pound $.....

Weight Per Pair About 11 Pounds.

Tinners' Tools.

FAMILY SOLDERING SETS



Per Dozen Sets

No. 10—Consists of One Light Soldering Copper, One Box of Resin, One Tin Scraper and One Piece of Solder, Weight Per Dozen Sets About 5 Lbs. **$2.25**

No. 15—Consists of One 6 Oz. Soldering Copper, One Scraper, One Piece of Solder and One Box of Resin, Weight Per Dozen Sets About 10 Lbs. **3.90**

One Set in a Box.

PLUMBERS' SCRAPERS

Per Dozen

No. 1—6 in. Long, Extra Quality, Forged Steel Blade, Wood Handle **$6.70**

Weight Per Dozen About 2½ Pounds.

MELTING LADLES

No. 10—Malleable Iron Bowl and Handle.

Size of Bowl, Inches.....	3	4	5	6
Ap. Wt. Per Dozen, Lbs..	10	13	24	30
Per Dozen	$2.55	3.50	5.55	6.35

PILLEY QUICK CLEANERS

Per Dozen

No. 25—2 in. Wide, 6 in. Long, Finest Steel Spring Wire Brush, Malleable Iron Head and Handle **$2.80**

For cleaning Files, Flanges, Fly Wheels, Castings, Brasses, Machinery, Wagon and Carriage Springs, Etc. Tinners and Roofers will find it very valuable in removing Rust from any surface before soldering.

Weight Each About 5 Pounds.

One Dozen in a Box.

Welding Compound.

BORAX-ETTE
FOR STEEL
TRADE MARK
REGISTERED AUG. 22 1905
A PERFECT WELDING FLUX
PREPARED ESPECIALLY FOR WELDING
FAR SUPERIOR TO COMMON BORAX

BORAX-ETTE

Per Box

Borax-Ette Welding Compound—In 5 Lb. Boxes **$0.56**

For Welding all Grades of Steel, especially adapted for Plow Work.

CHERRY HEAT

Per Box

Cherry Heat Welding Compound—In 5 Lb. Boxes **$0.78**

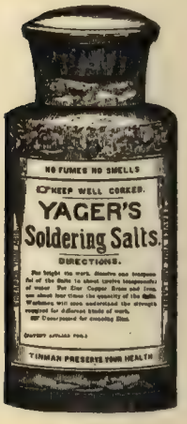
The Best Flux known for Welding.

The Best Flux known for Welding

IRON to IRON, Malleable in Malleable STEEL to STEEL,

Cherry Heat Welding COMPOUND. NEW CITY

And MALLEABLE Iron to Steel.

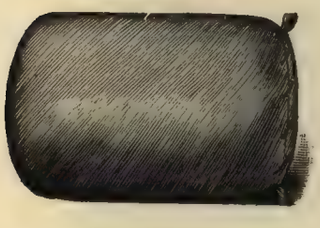


Yager's Soldering Salts.

Per Bottle

No. 1—In ½ Lb. Bottles..... **$0.78**

No. 5—In 5 Lb. Bottles..... **4.50**



Borax.

Per Pound

Borax—Best Crystal Refined **$0.15**

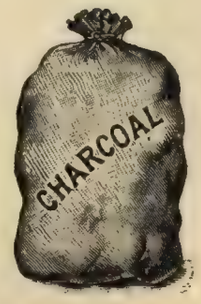
100 Pounds in a Bag.

Resin.

Per Pound

Resin—Extra Quality **$0.09**

About 500 Pounds in a Barrel.



Charcoal.

Per 100 Lbs.

Charcoal—Best Quality **$2.45**

About 70 Pounds in a Bag.

DEPARTMENT No. 14

IRON, STEEL, BOLTS
NUTS, WASHERS
AND
BLACKSMITHS' HARDWARE

John Pritzlaff Hardware Co.

MILWAUKEE, WIS.

DEPARTMENT NO. 14

IRON, STEEL, BOLTS, NUTS
WASHERS
AND BLACKSMITHS' HARDWARE

RIVETS, SPRING COTTERS
RIVETING MACHINES, IRONED
NECKYOKES, BELT HOOKS
IRONED SINGLETREES
MALLEABLES

JOHN PRITZLAFF HARDWARE CO.
MILWAUKEE, WIS.

EVERKEEN
J.P.H.CO.
TRADE MARK

INDEX.

A

Page

Anchors—Screw 2365
Angles—
Steel 2353
Structural Steel 2353
Anti-Rattlers 2382
Assembling Corners 2384
Assembling Plates 2384
Awls—Belt and Plyer 2378
Axle Washers 2380

B

Band Iron 2351
Band Steel 2352, 2354
Bar Iron 2351
Bar Staples 2385
Bar Steel 2352
Belt Awls and Pliers 2378
Belt Cutters 2378
Belt Dressing 2378
Belt Hooks 2377
Belt Lacing 2378, 2379
Belt Rivets 2373
Belt Rivets and Burrs 2373
Belt Studs 2377
Belt Tools 2378
Bevel Box Steel 2352
Blank Nuts 2368
Bob Shoes 2359
Boiler Rivets 2371
Boiler Rods 2355
Bolt Ends 2362
Bolts—
Carriage 2360
Elevator 2364
Expansion 2365
Lag 2363
Machine 2361
Plow 2363
Railroad Track 2359
Skein 2362
Sleigh Shoe 2363
Stove 2364
Tire 2364
Track 2359
Wagon Box Strap 2383
Box Rods—Wagon 2383
Box Straps—Wagon 2383
Braces—
Corner 2384
Side 2383
Whiffletree 2386
Braziers' Rivets 2370
Broad Head Iron Rivets 2372
Buckles—Turn 2362
Burs—
Copper 2373
Riveting 2369

C

Calks—Toe 2380
Cant Hook Steel 2355
Cap Screws 2366
Caps—Pole 2384
Carriage Bolts 2360
Cast Iron Washers 2369
Center Clips and Rings 2382
Center Plates and Rings 2383
Chain Swivels 2387
Channels—Steel 2353
Classification—
Boiler and Structural Rivet 2371
Freight ..... 2397 to 2404
Hoop Steel 2354
Iron 2351
Machinery Steel 2356
Norway Iron 2355
Steel 2352

C

Page

Classification—*Continued.*
Steel Tire 2356
Tool Steel 2357
Clevises—
Malleable 2387, 2388
Steel 2388
Clinch Rivets 2374
Clips—Center Rings and 2382
Coach Screws 2362
Cockeyes—Whiffletree 2386
Coil Washers 2380
Cold Rolled Shafting 2358
Cone Head Iron Rivets 2371, 2372
Coopers' Rivets 2370
Copper Braziers' Rivets 2370
Copper Burs 2373
Copper Rivets and Burs 2373
Coppered Iron Rivets and Burs 2374
Corner Braces 2384
Corner Irons 2384, 2385
Corners—Assembling 2384
Cotters—Spring 2376
Cross Clevises 2388
Crucible Steel 2355
Cultivator Steel 2355
Cutter Shoes 2359
Cutters—
Belt 2378
Gauge Glass 2376
Lace 2378

D

Doubletree Clevises 2387
Doubletree Staples 2386
Dressing—Belt 2378
Drill Rod 2357

E

Elevator Bolts 2364
End Clevises 2388
Ends—
Bolt 2352
Shaft 2384
Evener Swivel Clevis 2388
Evener Woods—Finished 2382
Eveners—Wagon 2381, 2382
Expansion Bolt Shields 2365
Expansion Bolts 2365
Express Stake Irons 2385

F

Fasteners—Hoop 2370
Felloe Oilers 2380
Ferrules—
Neckyoke 2383
Whiffletree 2382
Ferrules and Hooks 2382
Ferrules and Rings 2383
Finished Wagon Eveners 2382
Flat Head Iron Rivets 2372
Flat Iron 2351, 2355
Freight Classification ..... 2397 to 2404

G

Galvanized Steel Angles 2353
Gaskets—Gauge Glass 2376
Gauge Glass Cutters 2376
Gauge Glass Gaskets 2376
Gauge Glasses 2376
German Plow Steel 2355
Glasses—Gauge 2376

H

Page

Half Oval Iron 2351
Half Oval Steel 2352
Half Round Iron 2351
Half Round Steel 2352
Hammer Straps 2383
Hexagon Nuts 2367, 2368
Hoisting Singletrees 2382
Hook Clevises 2388
Hooks—
Belt 2377
Ferrules and 2382
Seat Spring 2384, 2386
Whiffletree 2384, 2386
Hoop Fasteners 2370
Hoop Steel 2354
Horse Shoe Iron 2351
Horse Shoe Nails 2380
Horse Shoes 2379

I

Iron—
Angle 2353
Band 2351
Bar, American 2351
Bar, Norway 2355
Channel 2353
Flat 2351
Half Oval 2351
Half Round 2351
Hoop 2354
Horse Shoe 2351
Malleable ..... 2385 to 2388
Nail Rod 2355
Norway 2355
Oval 2351
Round 2351
Spike Rod 2355
Square 2351
T 2353
Wagon Box 2353
Iron Belt Rivets and Burs—
Coppered 2374
Iron Rivets 2372
Iron Set Screws 2367
Iron Washers—
Cast 2369
Malleable 2369
Ironed Neckyokes 2381
Ironed Plow Singletrees 2381
Ironed Singletrees 2381
Ironed Wagon Eveners 2381, 2382
Ironed Wagon Whiffletrees 2381
Irons—
Corner 2384, 2385
Express Stake 2385
Neckyoke 2383
Rub 2384
Seat 2385
Stake 2385
Wagon Stake 2385
Wear 2386
Whiffletree 2382

L

Lace Cutters 2378
Lace Leather 2378
Lacing—
Belt 2378
Steel 2379
Wire Belt 2378
Lag Screws 2362
Lariat Swivels 2387
Leather—Lace 2378
Leather Washers 2380
Links—Plow 2388
Lock Washers 2376
Lugs—Tank 2359

M

	Page
Machine Bolts	2361
Machinery Steel	2356
Machines—Riveting	2375
Malleable Clevises	2387, 2388
Malleable Iron Washers	2369
Malleables	2385 to 2388
Mending Plates	2385
Metallic Belt Lacing	2378
Mild Steel	2352
Milk Can Rivets	2371

N

Nail Rod	2355
Nails—Horse Shoe	2380
Neckyoke Irons	2383
Neckyoke Woods	2382
Neckyokes—	
Ironed	2381
Wagon	2381
Norway Iron	2355
Nuts—	
Blank	2368
Hexagon	2367, 2368
Semi-Finished	2367
Square	2368
Tapped	2367, 2368
Threaded	2367, 2368
Thumb	2386

O

Oilers—Felloe	2380
Oval Head Iron Rivets	2372
Oval Iron	2351
Oval Steel	2352

P

Packing—Sheet	2378
Picket Pins	2386
Pins—Picket	2386
Plates—	
Assembling	2384
Mending	2385
Pliers—Belt	2378
Plow Bolts	2363
Plow Links	2388
Plow Singletrees	2381
Plow Steel	2355
Pole Caps	2384

R

Railroad Bolts	2359
Rattlers—Shaft	2382
Rings—	
Center Plates and	2383
Ferrules and	2383
Rings and Ferrules	2383
Riveting Burs	2369
Riveting Machines	2375
Rivets—	
Belt, Copper	2373
Belt, Coppered Iron	2374
Boiler	2371
Braziers'	2370
Broad Head	2372
Clinch	2374
Cone Head	2371, 2372
Coopers'	2370
Copper	2370
Flat Head	2372
Iron	2371, 2372
Milk Can	2371
Oval Head	2372
Section	2371
Structural	2371
Tinners'	2370
Tubular	2374
Wagon Box	2372
Rivets and Burs	2373, 2374
Rods—	
Boiler	2355
Drill	2357
Nail	2355
Spike	2355
Wagon Box	2383

R

	Page
Round Iron	2351, 2355
Round Steel	2352
Rub Irons—Wagon	2384

S

Screw Anchors	2365
Screws—	
Cap	2366
Coach	2362
Lag	2362
Set, Iron	2367
Seat Corner Irons	2385
Seat Spring Hooks	2384, 2386
Seat Springs	2384
Section Rivets	2371
Seeder Steel	2355
Semi-Finished Hexagon Nuts	2368
Set Screws	2367
Sets—Wagon	2381
Shaft Ends	2384
Shafting—Cold Rolled	2358
Sheet Packing	2378
Sheet Steel—Tool	2357
Shields—Expansion Bolt	2365
Shoe Iron—Horse	2351
Shoe Steel—Sleigh	2359
Shoes—	
Cutter	2359
Horse	2379
Sleigh	2359
Side Braces	2383
Singletree Woods	2382
Singletrees—	
Hoisting	2382
Plow	2381
Wagon	2381
Stem Bolts	2362
Sleigh Shoe Bolts	2363
Sleigh Shoe Steel	2359
Sleigh Shoes—Steel	2359
Soft Steel	2352
Spike Rod	2355
Spring Cotters	2376
Spring Steel	2356
Springs—Seat	2384
Square Iron	2351, 2355
Square Nuts	2368
Square Steel	2352
Stake Irons—Wagon	2385
Staples—	
Bar	2385
Doubletree	2386
Steel—	
Angle	2353
Band	2352, 2354
Bar	2352
Bevel Box	2352
Channel	2353
Crucible	2355
Cultivator	2355
Drill Rod	2357
German Plow	2355
Half Oval	2352
Half Round	2352
Hoop	2354
Machinery	2356
Oval	2352
Plow	2355
Round	2352
Seeder	2355
Shafting	2358
Sheet, Tool	2357
Sleigh Shoe	2359
Soft or Mild	2352
Spring	2356
Square	2352
T	2353
Tire	2356
Toe Calk	2356
Tool	2357
Universal Mill Plate	2352
Wagon Box	2352
Wide Flats	2352
Steel Belt Lacing	2379
Steel Cutter and Bob Shoes	2359
Steel Shafting	2358

S

	Page
Steel Sleigh Shoes	2359
Stove Bolts	2364
Straps—	
Hammer	2383
Wagon Box	2383
Structural Rivets	2371
Structural Steel Angles	2353
Structural Steel T's	2353
Studs—Belt	2377
Swivel Clevises	2388
Swivels—	
Chain	2387
Lariat	2387

T

Tables and Weights	2389 to 2396
Tank Lugs	2359
Tapped Nuts	2367, 2368
Tees—	
Steel	2353
Structural Steel	2353
Threaded Nuts	2367, 2368
Thumb Nuts	2386
Tinners' Rivets	2370
Tire Bolts	2364
Tire Steel	2356
Toe Calk Steel	2356
Toe Calks	2380
Tool Steel	2357
Tools—Belt	2378
Track Bolts	2359
Tubular Rivets	2374
Turn Buckles	2362

U

Universal Mill Plate Steel	2352

W

Wagon Box Rivets	2372
Wagon Box Rods	2383
Wagon Box Strap Bolts	2383
Wagon Eveners	2381, 2382
Wagon Neckyokes	2381
Wagon Rub Irons	2384
Wagon Sets	2381
Wagon Stake Irons	2385
Washers—	
Axle	2380
Cast Iron	2369
Leather Axle	2380
Lock	2376
Malleable	2369
Wrought Iron	2369
Wear Irons	2386
Weights and Tables	2389 to 2396
Whiffletree Braces	2386
Whiffletree Cockeyes	2386
Whiffletree Ferrules and Hooks	2382
Whiffletree Hooks	2384, 2386
Whiffletree Irons	2382
WhiffletreeWoods	2382
Whiffletrees—	
Ironed	2381
Wagon	2381
Wide Flat Steel	2352
Wire Belt Lacing	2378
Woods—	
Evener	2382
Neckyoke	2382
Singletree	2382
Whiffletree	2382
Wrenches—Malleable	2387
Wrought Washers	2369

Y

Yokes—	
Wagon	2381
Neck	2381

American Bar Iron.

NATIONAL CLASSIFICATION OF EXTRAS

Adopted January 3, 1896.

Base Sizes ..... { Round and Square, 1 to 1⅞ in..... } / { Flat Bar, 1½ to 4 in. x ⅜ to 1 in.... } ..... Per 100 Pounds $.....

ROUND AND SQUARE

1 to 1⅞ in.	Base,	$....
2 to 2⅞ in.	Advance,	.20
3 to 3½ in.	Advance,	.50
3⅝ to 4 in.	Advance,	.80
4⅛ to 4½ in.	Advance,	1.00
4⅝ to 5 in.	Advance,	1.30
5⅛ to 6 in.	Advance,	1.80
6⅛ to 6½ in.	Advance,	2.20
6⅝ to 7¼ in.	Advance,	2.50
¾ to ⅞ in.	Advance,	.10
⅝ to 11/16 in.	Advance,	.20
½ to 9/16 in.	Advance,	.30
7/16 to 17/32 in.	Advance,	.40
⅜ to 13/32 in.	Advance,	.50
5/16 to 11/32 in.	Advance,	.70
¼ to 9/32 in.	Advance,	.90
7/32 in.	Advance,	1.40
3/16 in.	Advance,	2.50

FLAT

1½ to 4 in. x ⅜ to 1 in.	Base,	$....
4¼ to 6 in. x ⅜ to 1 in.	Advance,	.10
6¼ to 8 in. x ⅜ to 1 in.	Advance,	.60
8¼ to 10 in. x ⅜ to 1 in.	Advance,	.80
1⅛ to 1⅜ in. x ⅜ to 1 in.	Advance,	.10
1 to 1⅛ in. x ⅜ to ⅞ in.	Advance,	.20
¾ to 15/16 in. x ⅜ to ¾ in.	Advance,	.40
⅝ to 11/16 in. x ⅜ to ⅝ in.	Advance,	.50
½ to 9/16 in. x ⅜ to ½ in.	Advance,	.90
1⅜ to 4 in. x 1⅛ to 1½ in.	Advance,	.30
4¼ to 6 in. x 1⅛ to 1½ in.	Advance,	.40
6¼ to 8 in. x 1⅛ to 1½ in.	Advance,	.60
8¼ to 10 in. x 1⅛ to 1½ in.	Advance,	.90
2 to 4 in. x 1⅝ to 2 in.	Advance,	.50
4¼ to 6 in. x 1⅝ to 2 in.	Advance,	.60
6¼ to 8 in. x 1⅝ to 2 in.	Advance,	.80
8¼ to 10 in. x 1⅝ to 2 in.	Advance,	1.00
2 to 4 in. x 2⅛ to 3 in.	Advance,	.60
4¼ to 6 in. x 2⅛ to 3 in.	Advance,	.80
6¼ to 8 in. x 2⅛ to 3 in.	Advance,	1.00

OVAL

⅞ to 1½ in.	Advance,	$0.40
¾ to 13/16 in.	Advance,	.50
⅝ to 11/16 in.	Advance,	.60
½ to 9/16 in.	Advance,	.80
⅜ to 7/16 in.	Advance,	1.10
½ to 9/16 in. x ⅜ in.	Advance,	1.00
⅝ to 11/16 in. x ½ in.	Advance,	1.20

HORSE SHOE

½ to 1¼ in. x ⅜ to ⅝ in.	Advance,	$1.00

HALF OVAL AND HALF ROUND

2¼ to 3 in.	Advance,	$0.60
⅞ to 2 in.	Advance,	.50
¾ to 13/16 in.	Advance,	.70
⅝ to 11/16 in.	Advance,	.90
½ to 9/16 in.	Advance,	1.20
⅜ to 7/16 in.	Advance,	2.50
5/16 in.	Advance,	3.50
¼ in.	Advance,	4.50

Half Oval less than ¼ the width in thickness, Extra Price.

HEAVY BAND

7 to 10 in. x ¼ to 5/16 in.	Advance,	$0.70
6¼ to 6¾ in. x ¼ to 5/16 in.	Advance,	.50
4¼ to 6 in. x ¼ to 5/16 in.	Advance,	.30
1½ to 4 in. x ¼ to 5/16 in.	Advance,	.20
1 to 1⅝ in. x ¼ to 5/16 in.	Advance,	.30
¾ to 13/16 in. x ¼ to 5/16 in.	Advance,	.50
⅝ to 11/16 in. x ¼ to 5/16 in.	Advance,	.80
½ to 9/16 in. x ¼ to 5/16 in.	Advance,	1.00
⅜ to 7/16 in. x ¼ to 5/16 in.	Advance,	1.50

LIGHT BAND

7 to 8 in. x No. 9 to 5/16 in.	Advance,	$0.90
7 to 8 in. x Nos. 10, 11 and 12	Advance,	1.00
6¼ to 6¾ in. x No. 9 to 5/16 in.	Advance,	.70
6¼ to 6¾ in. x Nos. 10, 11 and 12	Advance,	.80
4¼ to 6 in. x No. 9 to 5/16 in.	Advance,	.50
4¼ to 6 in. x Nos. 10, 11 and 12	Advance,	.60
1¼ to 4 in. x No. 9 to 5/16 in.	Advance,	.40
1¼ to 4 in. x Nos. 10, 11 and 12	Advance,	.50
1 to 1⅛ in. x No. 9 to 5/16 in.	Advance,	.50
1 to 1⅛ in. x Nos. 10, 11 and 12	Advance,	.60
13/16 to ⅞ in. x No. 9 to 5/16 in.	Advance,	$0.60
13/16 to ⅞ in. x Nos. 10, 11 and 12	Advance,	.70
11/16 to ¾ in. x No. 9 to 5/16 in.	Advance,	.80
11/16 to ¾ in. x Nos. 10, 11 and 12	Advance,	.90
5/16 to ⅝ in. x No. 9 to 5/16 in.	Advance,	1.00
5/16 to ⅝ in. x Nos. 10, 11 and 12	Advance,	1.10
7/16 to ½ in. x No. 9 to 5/16 in.	Advance,	1.30
7/16 to ½ in. x Nos. 10, 11 and 12	Advance,	1.40
⅜ in. x No. 9 to 5/16 in.	Advance,	1.50
⅜ in. x Nos. 10, 11 and 12	Advance,	1.60

Soft or Mild Steel.

STANDARD CLASSIFICATION

Adopted October 1st, 1909.

Base $.....Per 100 Pounds.

ROUND AND SQUARE

¾ to 3 1/16 in.	Base,	$....
5/8 to 11/16 in.	Advance,	$0.10
½ to 9/16 in.	Advance,	.20
7/16 in.	Advance,	.40
3/8 in.	Advance,	.50
5/16 in.	Advance,	.70
¼ in.	Advance,	1.00
1/16 in.	Advance,	2.50
3 1/16 to 3 9/16 in.	Advance,	.15
3 5/8 to 4 1/16 in.	Advance,	.25
4 1/16 to 4 9/16 in.	Advance,	.30
4 5/8 to 5 in.	Advance,	.40
5 1/16 to 5 ½ in.	Advance,	.50
5 5/8 to 6 in.	Advance,	.75
6 1/16 to 6 ½ in.	Advance,	1.00
6 5/8 to 7 ¼ in.	Advance,	1.25

FLAT BAR AND HEAVY BAND

1 to 6 in. x 5/8 to 1 in.	Base,	$....
1 to 6 in. x ¼ and 1/16 in.	Advance,	$0.20
11/16 to 15/16 in. x 3/8 to ¾ in.	Advance,	.40
11/16 to 15/16 in. x ¼ and 1/16 in.	Advance,	.50
7/16 and 5/8 in. x 3/8 to ½ in.	Advance,	.50
9/16 and 5/8 in. x ¼ and 1/16 in.	Advance,	.70
½ in. x 3/8 and 7/16 in.	Advance,	1.00
½ in. x ¼ and 1/16 in.	Advance,	1.20
7/16 in. x 3/8 in.	Advance,	1.40
7/16 in. x ¼ and 1/16 in.	Advance,	1.60
3/8 in. x ¼ and 1/16 in.	Advance,	2.00
1 1/16 to 6 in. x 1 1/16 to 1 3/16 in.	Advance,	.10
1 1/16 to 6 in. x 1 ¼ to 1 ½ in.	Advance,	.20
1¾ to 6 in. x 1 5/8 to 2¾ in.	Advance,	.30
3 1/16 to 6 in. x 3 to 4 in.	Advance,	.40

OVALS

¾ to 1¾ in.	Advance,	$0.30
5/8 to 11/16 in.	Advance,	.50
9/16 in.	Advance,	.60
½ in.	Advance,	$0.80
7/16 in.	Advance,	1.00
3/8 in.	Advance,	1.20

HALF OVALS

7/8 in. to 4 in. x 7/32 in. and Thicker	Advance,	$0.50
¾ to 15/16 in. x 9/16 in. and Thicker	Advance,	.80
5/8 to 11/16 in. x 5/32 in. and Thicker	Advance,	1.00
½ to 9/16 in. x 1/8 in. and Thicker	Advance,	1.30
3/8 x 5/32 in. and Thicker	Advance,	2.50

HALF ROUNDS

7/8 in. and Larger	Advance,	$0.50
¾ to 15/16 in.	Advance,	.80
5/8 to 11/16 in.	Advance,	1.00
½ to 9/16 in.	Advance,	1.30
3/8 in.	Advance,	2.50

LIGHT BAR AND BAND

8 in. x No. 10	Advance,	$1.00
1½ to 6 in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	.40
1½ to 6 in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	.60
1 to 1 7/16 in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	.50
1 to 1 7/16 in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	.70
11/16 to 15/16 in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	.70
11/16 to 15/16 in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	.80
11/16 and ¾ in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	1.00
11/16 and ¾ in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	1.20
9/16 and 5/8 in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	$1.20
9/16 and 5/8 in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	1.30
½ in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	1.30
½ in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	1.50
7/16 in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	1.80
7/16 in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	2.10
3/8 in. x Nos. 7, 8, 9 and 1/16 in.	Advance,	1.90
3/8 in. x Nos. 10, 11, 12 and 1/8 in.	Advance,	2.40

BEVEL BOX

7/8 in. x No. 12	Advance,	$0.80
¾ in. x No. 12	Advance,	$1.20

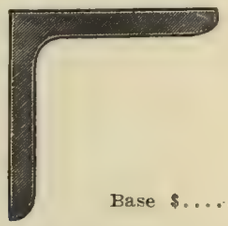
WIDE FLATS OR UNIVERSAL MILL PLATES

7 to 14 in. Wide x ¼ to 1½ in. Thick.....Per 100 Pounds, $.....

Light Steel Channels.

Base $.....Per 100 Pounds.

2. x 1 x 3/16 in., Weight Per Foot 2.40 Lbs.	Advance,	$0.20
2 x 5/8 x 1/4 in., Weight Per Foot 2.20 Lbs.	Advance,	.20
1 1/2 x 1/2 x 1/8 in., Weight Per Foot 1.10 Lbs.	Advance,	.30
1 1/4 x 1/2 x 1/8 in., Weight Per Foot 1.00 Lbs.	Advance,	.40
1 x 1/2 x 1/8 in., Weight Per Foot .84 Lbs.	Advance,	.40
3/4 x 3/8 x 1/8 in., Weight Per Foot .55 Lbs.	Advance,	.60
1/2 x 1/4 x 1/8 in., Weight Per Foot .28 Lbs.	Advance,	3.20



Light Steel Angles.

EQUAL SIDES FILLET

Base $.....Per 100 Pounds.

2 1/2 x 2 1/2 x 5/16 in., Weight Per Foot 5.00 Lbs.	Advance,	$0.20
2 1/2 x 2 1/2 x 1/4 in., Weight Per Foot 4.10 Lbs.	Advance,	.20
2 1/4 x 2 1/4 x 1/4 in., Weight Per Foot 3.70 Lbs.	Advance,	.20
2 x 2 x 1/4 in., Weight Per Foot 3.20 Lbs.	Advance,	.20
2 x 2 x 3/16 in., Weight Per Foot 2.50 Lbs.	Advance,	.20
2 x 2 x 1/8 in., Weight Per Foot 1.70 Lbs.	Advance,	.30
1 3/4 x 1 3/4 x 1/4 in., Weight Per Foot 2.80 Lbs.	Advance,	.20
1 3/4 x 1 3/4 x 1/8 in., Weight Per Foot 1.40 Lbs.	Advance,	.30
1 1/2 x 1 1/2 x 1/4 in., Weight Per Foot 2.40 Lbs.	Advance,	.20
1 1/2 x 1 1/2 x 3/16 in., Weight Per Foot 1.80 Lbs.	Advance,	.20
1 1/2 x 1 1/2 x 1/8 in., Weight Per Foot 1.30 Lbs.	Advance,	.30
1 1/4 x 1 1/4 x 3/16 in., Weight Per Foot 1.50 Lbs.	Advance,	.30
1 1/4 x 1 1/4 x 1/8 in., Weight Per Foot 1.10 Lbs.	Advance,	.40
1 x 1 x 3/16 in., Weight Per Foot 1.20 Lbs.	Advance,	.30
1 x 1 x 1/8 in., Weight Per Foot .80 Lbs.	Advance,	.40
3/4 x 3/4 x 1/8 in., Weight Per Foot .60 Lbs.	Advance,	.60
5/8 x 5/8 x 1/8 in., Weight Per Foot .50 Lbs.	Advance,	2.20

Light Steel T's.

EQUAL SIDES

Base $.....Per 100 Pounds.

2 1/2 x 2 1/2 x 5/16 in., Weight Per Foot 5.50 Lbs.	Advance,	$0.20
2 x 2 x 1/4 in., Weight Per Foot 3.60 Lbs.	Advance,	.20
1 3/4 x 1 3/4 x 1/4 in., Weight Per Foot 3.10 Lbs.	Advance,	.20
1 1/2 x 1 1/2 x 3/16 in., Weight Per Foot 1.95 Lbs.	Advance,	.40
1 1/4 x 1 1/4 x 3/16 in., Weight Per Foot 1.60 Lbs.	Advance,	.50
1 x 1 x 1/8 in., Weight Per Foot .90 Lbs.	Advance,	.70

Structural Steel Angles.

4 x 4 x 3/8 in., Weight Per Foot 9.80 Lbs.	Per 100 Pounds $.....
3 1/2 x 3 1/2 x 3/8 in., Weight Per Foot 8.50 Lbs.	Per 100 Pounds .....
3 x 3 x 3/8 in., Weight Per Foot 7.20 Lbs.	Per 100 Pounds .....
3 x 3 x 1/4 in., Weight Per Foot 4.90 Lbs.	Per 100 Pounds .....

Structural Steel T's.

3 x 3 x 3/8 in., Weight Per Foot 7.80 Lbs.	Per 100 Pounds. $.....

Galvanized Steel Angles.

3/4 x 3/4 x 1/8 in	Per 100 Pounds. $.....
1 x 1 x 1/8 in	Per 100 Pounds, ...
1 1/4 x 1 1/4 x 1/8 in	Per 100 Pounds, ...
1 1/4 x 1 1/4 x 3/16 in	Per 100 Pounds, ...
1 1/2 x 1 1/2 x 1/8 in	Per 100 Pounds, ...
1 1/2 x 1 1/2 x 3/16 in	Per 100 Pounds, ...
2 x 2 x 1/4 in	Per 100 Pounds, ...

Hoop Steel.

STANDARD CLASSIFICATION

Base $.....Per 100 Pounds.

2 1/16 to 3	in. x Nos. 13, 14 and 15	Advance,	$0.10
	No. 16	Advance,	.15
	No. 17	Advance,	.20
	No. 18	Advance,	.30
1 7/16 to 2	in. x Nos. 13, 14, 15, 16	Advance,	.10
	No. 17	Advance,	.15
	No. 18	Advance,	.20
	No. 19	Advance,	.25
	No. 20	Advance,	.50
1 1/16 to 1 5/8	in. x Nos. 13, 14 and 15	Advance,	.15
	No. 16	Advance,	.20
	Nos. 17 and 18	Advance,	.25
	No. 19	Advance,	.30
	No. 20	Advance,	.45
	No. 21	Advance,	.65
	No. 22	Advance,	.85
1 1/16 to 1	in. x Nos. 13, 14 and 15	Advance,	.20
	Nos. 16 and 17	Advance,	.25
	No. 18	Advance,	.30
	No. 19	Advance,	.35
	No. 20	Advance,	.45
	No. 21	Advance,	.65
	No. 22	Advance,	.85
	No. 23	Advance,	1.10
	7/8 in. x Nos. 13, 14 and 15	Advance,	.30
	No. 16	Advance,	.35
	Nos. 17 and 18	Advance,	.40
	No. 19	Advance,	.45
	No. 20	Advance,	.55
	No. 21	Advance,	.65
	No. 22	Advance,	.85
	No. 23	Advance,	1.10
3/4 to 13/16	in. x Nos. 13, 14 and 15	Advance,	.40
	Nos. 16 and 17	Advance,	.50
	No. 18	Advance,	.55
	No. 19	Advance,	.60
3/4 to 13/16	in. x No. 20	Advance,	$0.65
	No. 21	Advance,	.75
	No. 22	Advance,	.95
	No. 23	Advance,	1.20
	11/16 in. x Nos. 13, 14 and 15	Advance,	.45
	Nos. 16 and 17	Advance,	.55
	No. 18	Advance,	.60
	No. 19	Advance,	.65
	No. 20	Advance,	.75
	No. 21	Advance,	.90
	No. 22	Advance,	1.05
	No. 23	Advance,	1.25
	5/8 in. x Nos. 13, 14 and 15	Advance,	.50
	Nos. 16 and 17	Advance,	.60
	No. 18	Advance,	.65
	No. 19	Advance,	.70
	No. 20	Advance,	.80
	No. 21	Advance,	.95
	No. 22	Advance,	1.10
	No. 23	Advance,	1.30
	9/16 in. x Nos. 13, 14 and 15	Advance,	.55
	Nos. 16 and 17	Advance,	.65
	No. 18	Advance,	.70
	No. 19	Advance,	.75
	No. 20	Advance,	.85
	No. 21	Advance,	1.00
	No. 22	Advance,	1.15
	No. 23	Advance,	1.35
	1/2 in. x Nos. 13, 14 and 15	Advance,	.65
	Nos. 16 and 17	Advance,	.75
	No. 18	Advance,	.80
	No. 19	Advance,	.85
	No. 20	Advance,	.95
	No. 21	Advance,	1.15
	No. 22	Advance,	1.35
	No. 23	Advance,	1.55

EXTRA WIDE HOOP STEEL

3 1/16 to 3 1/2	in. x No. 13	Advance,	$0.10
	No. 14	Advance,	.15
	No. 15	Advance,	.20
	No. 16	Advance,	.30
	No. 17	Advance,	.40
	No. 18	Advance,	.55
3 9/16 to 4	in. x No. 13	Advance,	$0.10
	No. 14	Advance,	.15
	No. 15	Advance,	.20
	No. 16	Advance,	.30
	No. 17	Advance,	.45
	No. 18	Advance,	.70

GALVANIZED STEEL, HOOP AND BAND

	Per 100 Pounds
7/8 in. x No. 22	$.....
1 in. x No. 16	.....
1 in. x No. 18	.....
1 1/4 in. x No. 16	.....
1 1/4 in. x No. 18	.....
1 1/2 in. x No. 14	.....
1 1/2 in. x No. 16	.....
1 1/2 in. x No. 18	.....

	Per 100 Pounds
1 1/2 in. x No. 19	$.....
1 3/4 in. x No. 18	.....
2 in. x No. 14	.....
2 1/2 in. x No. 14	.....
1 in. x No. 12	.....
1 1/2 in. x No. 12	.....
1 3/4 in. x No. 12	.....
2 in. x No. 12	.....

Norway Iron.

CLASSIFICATION

Per 100 Pounds

Base Sizes ..... { Rounds and Squares, 1 to 1⅞ in.... } { Flat Bars, 1½ to 4 in. x ⅜ to 1 in.. } .....$.....

ROUND AND SQUARE

1 to 1⅞ in.	Base,	$....
2 to 2⅝ in.	Advance,	$0.10
2¾ to 3¼ in.	Advance,	.20
3½ to 4 in.	Advance,	.50
⅞ and ¾ in.	Advance,	.10
⅝ and 13/16 in.	Advance,	.20
½ and 11/16 in.	Advance,	.30
⅜ in.	Advance,	.40
9/16 in.	Advance,	.60
¼ in.	Advance,	1.00

FLAT

1½ to 4 in. x ⅜ to 1 in.	Base,	$....
4¼ to 6 in. x ⅜ to 1 in.	Advance,	$0.10
1¾ to 6 in. x 1⅛ to 1½ in.	Advance,	.20
1¼ to 1⅜ in. x ⅜ to 1 in.	Advance,	.10
1 to 1⅛ in. x ⅜ to ⅞ in.	Advance,	.20
½ to ⅞ in. x ⅜ to ⅝ in.	Advance,	.40
1½ to 4 in. x ¼ and 5/16 in.	Advance,	.20
1 to 1⅜ in. x ¼ and 7/16 in.	Advance,	.30
¾ and ⅞ in. x ¼ and 9/16 in.	Advance,	.50
½ and ⅝ in. x ¼ and 5/16 in.	Advance,	1.00

Norway Nail Rods.

⅝ x 9/16 in. ..... Advance, $1.50

Norway Spike Rods.

½ x ⅜ in. ..... Advance, $1.00

Boiler Rods.

Per 100 Pounds

9/16 in. Round, Wire Drawn and Straightened, 10 and 12 ft. Long ..... $.....

Crucible Cant Hook Steel.

Per 100 Pounds

¾ to 1½ in. x ⅜ to ¾ in. Flat ..... $.....

Cultivator or Seeder Steel.

Per 100 Pounds

9/16 in. Thick, All Widths ..... $.....
¼ in. Thick, All Widths .....

German Plow Steel.

PENN BRAND

Per 100 Pounds

⅛ in. Thick, All Widths ..... $.....
7/32 in. Thick, All Widths .....
¼ in. Thick, All Widths .....

Cast Plow Steel.

PERNOT BRAND

Per 100 Pounds

¼ in. Thick, All Widths ..... $.....
5/16 in. Thick, All Widths .....
⅜ in. Thick, All Widths .....

Crucible Cast Plow Steel.

Per 100 Pounds

¼ in. Thick, All Widths ..... $.....

Smooth Finish Machinery Steel.

OPEN HEARTH

STANDARD CLASSIFICATION

Adopted October 1st, 1909.

Base $.....Per 100 Pounds.

ROUND

¾ to 3 in.	Base,	$....
⅝ to 11/16 in.	Advance,	$0.10
½ to 9/16 in.	Advance,	.20
7/16 in.	Advance,	.40
⅜ in.	Advance,	.50

HALF ROUND

¾ in.	Advance,	$0.80
⅝ in.	Advance,	1.00
½ in.	Advance,	1.30
⅜ in.	Advance,	2.50

Spring Steel.

ROUND, CRUCIBLE

Base $.....Per 100 Pounds.

½ in.	Advance,	$0.20
⅜ to 7/16 in.	Advance,	.50
5/16 in.	Advance,	$1.00
¼ in.	Advance,	1.50

FLAT, OPEN HEARTH

Base $.....Per 100 Pounds.

1¼ to 4 in. x No. 4 Gauge and Heavier.	Base,	$....
1 to 1⅛ in. x Nos. 1 to 4 Gauge.	Advance,	$0.20
1 to 3 in. x Nos. 5 to 7 Gauge.	Advance,	.50
¾ and 15/16 in. x Nos. 1 to 7 Gauge.	Advance,	.50
¾ to 3 in. x Nos. 8 to 10 Gauge.	Advance,	1.00
¾ to 3 in. x Nos. 11 to 16 Gauge.	Advance,	$1.50
¾ to 3 in. x Nos. 17 to 20 Gauge.	Advance,	2.20
⅝ to ⅝ in. x Nos. 10 to 16 Gauge.	Advance,	4.00
⅝ to ⅝ in. x Nos. 17 to 20 Gauge.	Advance,	5.00

Steel Tires.

SMOOTH FINISH AND STRAIGHTENED, ROUND EDGE

Classification of Extras.

Base $.....Per 100 Pounds.

1 in. x ¼ in. and Heavier.	Base,	$....
1½ in. x 3/16 and 7/32 in.	Advance,	.20
1 to 1 7/16 in. x 3/16 and 7/32 in.	Advance,	.30
1 to 1 7/16 in. x ⅛ in.	Advance,	.50
⅞ in. x ¼ in.	Advance,	.30
⅞ in. x 3/16 and 7/32 in.	Advance,	.50
⅞ in. x ⅛ and 5/32 in.	Advance,	$0.60
¾ in. x ¼ in.	Advance,	.30
¾ in. x 3/16 and 7/32 in.	Advance,	.80
¾ in. x ⅛ and 5/32 in.	Advance,	1.00
⅝ in. x 7/16 in.	Advance,	1.00
⅝ in. x ⅛ and 5/32 in.	Advance,	1.10

Toe Calk Steel.

SQUARE EDGE

Base $.....Per 100 Pounds.

⅜ to ½ in. Thick x ½ in. and Wider.	Base,	$....
⅜ in. Thick x 7/16 in. Wide	Advance,	.75
7/16 in. Thick x ⅜ to 7/16 in. Wide.	Advance,	.75
7/16 in. Thick x ½ to 1 in. Wide.	Advance,	.50
¼ in. Thick x 7/16 to ⅜ in. Wide.	Advance,	1.50
¼ in. Thick x 7/16 to 1 in. Wide.	Advance,	.75
5/16 in. Thick x ¼ to ½ in. Wide.	Advance,	$2.00
5/16 in. Thick x ⅝ to 1 in. Wide.	Advance,	1.00
⅜ in. Square	Advance,	.75
5/16 in. Square	Advance,	1.00
¼ in. Square	Advance,	2.00

Tool Steel.

	Base Per Pound
Black Diamond	$.....
Sanderson's Extra	.....
Sanderson's Extra Annealed	.....
Sanderson's Special	.....
Sanderson's Special Annealed	.....
Rex AA High Speed	.....
Rex AA High Speed Annealed	.....
Rex AA High Speed Treated	.....

CLASSIFICATION

Bases Sizes ..... {Round, Square and Octagon, 5/8 to 2 in., / Flat Bar, 1/16 to 2 in. x 5/8 to 2 in.,} ..... $.....

ROUND, SQUARE AND OCTAGON

	Per Pound
5/8 to 2 in.	Base,
2 1/16 to 3 in.	Advance, $0.01
3 1/16 to 4 in.	Advance, .01 1/2
4 1/16 to 5 in.	Advance, .02
5 1/16 to 6 in.	Advance, .02 1/2
6 1/16 to 7 in.	Advance, $0.03
7 1/16 to 8 in.	Advance, .03 1/2
1/16 to 1/2 in.	Advance, .00 1/2
1/16 to 3/8 in.	Advance, .01
1/16 and 1/32 in.	Advance, .02
1/4 and 3/32 in.	Advance, $0.03
1/16 in.	Advance, .05
3/32 in.	Advance, .10
1/8 in.	Advance, .18

FLAT

	Advance Per Pound
1/16 x 1/16 in.	$0.20
1/16 x 1/4 in.	.15
1/16 x 1/16 in.	.08
1/16 x 3/8 in.	.04
1/16 x 1/16 to 1/2 in.	.03
1/16 x 1/16 to 7 in.	.02
1/16 x 7 1/8 to 8 in.	.03
1/16 x 1/4 in.	.05
1/16 x 1/16 in.	.04
1/16 x 3/8 in.	.03
1/16 x 1/16 to 5/8 in.	.02
1/16 x 1 1/16 to 2 in.	.01 1/2
1/16 x 2 1/8 to 7 in.	.01
1/16 x 7 1/8 to 8 in.	$0.02
1/4 x 1/16 to 3/8 in.	.02
1/4 x 1/16 to 5/8 in.	.01 1/2
1/4 x 1 1/16 to 2 in.	.01 1/2
1/4 x 2 1/8 to 7 in.	.01
1/4 x 7 1/8 to 8 in.	.02
1/16 x 3/8 to 5/8 in.	.01 1/2
1/16 x 1 1/16 to 8 in.	.01
3/8 x 1/16 to 8 in.	.01
1/16 x 1/2 to 8 in.	.01
1/2 x 1/16 to 8 in.	.01
1/16 x 2 1/8 to 8 in.	.01
5/8 to 2 in. x 2 1/8 to 7 in.	$0.01
5/8 to 1 3/4 in. x 7 1/8 to 8 in.	.01
1 7/8 to 2 in. x 7 1/8 to 8 in.	.01 1/2
2 1/8 to 3 in. x 2 1/8 to 5 in.	.01
2 1/8 to 3 in. x 5 1/8 to 8 in.	.01 1/2
3 1/8 to 4 in. x 3 1/8 to 6 in.	.01 1/2
3 1/8 to 4 in. x 6 1/8 to 8 in.	.02
4 1/8 to 5 in. x 4 1/8 to 7 in.	.02
4 1/8 to 5 in. x 7 1/8 to 8 in.	.02 1/2
5 1/8 to 6 in. x 5 1/8 to 8 in.	.02 1/2
6 1/8 to 7 in. x 6 1/8 to 7 in.	.03
6 1/8 to 8 in. x 7 1/8 to 8 in.	.03 1/2

CUTTING TO MULTIPLE OR SPECIFIED LENGTHS

	Per Pound
24 in. and Longer	Advance, $0.00 1/2
18 to 24 in.	Advance, .01
12 to 18 in.	Advance, .01 1/2
6 to 12 in.	Advance, .02

Less than 6 in. Special Price, but not Less than 2¢ Per Pound.

Round Special Polished Drill Rods.

For Taps, Reamers, Drills, Punches, Etc.

In 3 Foot Lengths. Discount.....

Nos.	Sizes in Decimals of 1 Inch.	Nearest Size in Fraction of Inch.	Price Per Lb.	Nos.	Sizes in Decimals of 1 Inch.	Nearest Size in Fraction of Inch.	Price Per Lb.	Nos.	Sizes in Decimals of 1 Inch.	Nearest Size in Fraction of Inch.	Price Per Lb.	Nos.	Sizes in Decimals of 1 Inch.	Nearest Size in Fraction of Inch.	Price Per Lb.
..	1.125	1 1/8	$0.50	W	0.386	25/64	$0.75	3	0.213	.....	$0.75	28	0.141	9/64	$0.83
..	1.062	1 1/16	.50	V	0.377	3/8	.75	4	0.209	.....	.75	29	0.136	.....	.83
..	1.	1	.50	U	0.368	.....	.75	5	0.206	.....	.75	30	0.129	1/8	.83
..	0.969	31/32	.50	T	0.358	23/64	.75	6	0.204	13/64	.75	31	0.120	.....	.90
..	0.937	15/16	.50	S	0.348	.....	.75	7	0.201	.....	.75	32	0.116	.....	.90
..	0.906	29/32	.50	R	0.339	11/32	.75	8	0.199	.....	.75	33	0.113	.....	.90
..	0.875	7/8	.50	Q	0.332	.....	.75	9	0.196	.....	.75	34	0.111	.....	.90
..	0.844	27/32	.50	P	0.323	21/64	.75	10	0.194	.....	.75	35	0.110	7/64	.90
..	0.812	13/16	.50	O	0.316	5/16	.75	11	0.191	.....	.75	36	0.106	.....	.90
..	0.781	25/32	.50	N	0.302	.....	.75	12	0.188	3/16	.75	37	0.104	.....	.90
..	0.750	3/4	.55	M	0.295	19/64	.75	13	0.185	.....	.75	38	0.101	.....	.90
..	0.719	23/32	.55	L	0.290	.....	.75	14	0.182	.....	.75	39	0.100	.....	1.05
..	0.687	11/16	.55	K	0.281	9/32	.75	15	0.180	.....	.75	40	0.098	.....	1.05
..	0.656	21/32	.55	J	0.277	.....	.75	16	0.177	.....	.83	41	0.096	.....	1.05
..	0.625	5/8	.55	I	0.272	.....	.75	17	0.173	.....	.83	42	0.094	3/32	1.05
..	0.594	19/32	.55	H	0.266	17/64	.75	18	0.170	11/64	.83	43	0.089	.....	1.05
..	0.562	9/16	.55	G	0.261	.....	.75	19	0.166	.....	.83	44	0.086	.....	1.05
..	0.531	17/32	.55	F	0.257	.....	.75	20	0.161	.....	.83	45	0.082	.....	1.05
..	0.500	1/2	.60	E	0.250	1/4	.75	21	0.159	.....	.83	46	0.080	.....	1.05
..	0.469	15/32	.60	D	0.246	.....	.75	22	0.156	5/32	.83	47	0.079	5/64	1.20
..	0.437	7/16	.60	C	0.242	.....	.75	23	0.154	.....	.83	48	0.076	.....	1.20
..	0.425	.....	.75	B	0.238	.....	.75	24	0.152	.....	.83	49	0.073	.....	1.20
Z	0.413	.....	.75	A	0.234	15/64	.75	25	0.150	.....	.83	50	0.070	.....	1.20
Y	0.404	13/32	.75	1	0.228	.....	.75	26	0.148	.....	.83	51	0.067	.....	1.45
X	0.397	.....	.75	2	0.221	7/32	.75	27	0.145	.....	.83	52	0.064	1/16	1.45

Tool Sheet Steel.

Wire Gauge, Nos	10 to 21	22	23	24	25	26
Per Pound	$0.20	.21	.22	.23	.24	.25

In Sheets 18 in. Wide, About 6 ft. Long.

Cold Rolled Steel Shafting.

ACCURATELY STRAIGHTENED

ROUND

Diam., Inches.	W'ght Per Foot, Lbs.	Per Pound.	Diam., Inches.	W'ght Per Foot, Lbs.	Per Pound.	Diam., Inches.	W'ght Per Foot, Lbs.	Per Pound.	Diam., Inches.	W'ght Per Foot, Lbs.	Per Pound.
1/8	.042	$0.14	1 1/16	3.014	$0.05½	2 1/4	13.52	$0.05	3 1/2	32.71	$0.05½
5/16	.094	.10	1 1/8	3.379	.05½	2 5/16	14.28	.05	3 9/16	33.90	.05½
7/32	.130	.10	1 3/16	3.766	.05½	2 3/8	15.07	.05	3 5/8	35.09	.05½
1/4	.167	.10	1 1/4	4.173	.05½	2 7/16	15.86	.05	3 11/16	36.31	.05½
9/32	.234	.10	1 5/16	4.600	.05½	2 1/2	16.69	.05	3 3/4	37.56	.05½
5/16	.261	.08½	1 3/8	5.049	.05½	2 9/16	17.53	.05	3 13/16	38.81	.05½
11/32	.320	.08½	1 7/16	5.518	.05½	2 5/8	18.40	.05	3 7/8	40.10	.05½
3/8	.375	.07	1 1/2	6.01	.05	2 11/16	19.29	.05	3 15/16	41.40	.05½
13/32	.450	.07	1 9/16	6.52	.05	2 3/4	20.20	.05	4	42.73	.06
7/16	.511	.07	1 5/8	7.05	.05	2 13/16	21.12	.05	4 1/16	46.83	.06
1/2	.667	.07	1 11/16	7.60	.05	2 7/8	22.07	.05	4 1/4	48.24	.06
9/16	.845	.06	1 3/4	8.18	.05	2 15/16	23.04	.05	4 7/16	52.58	.06
5/8	1.043	.06	1 13/16	8.77	.05	3	24.03	.05	4 1/2	54.07	.06½
11/16	1.262	.06	1 7/8	9.39	.05	3 1/16	25.04	.05¼	4 3/4	60.25	.06½
3/4	1.502	.05½	1 15/16	10.02	.05	3 1/8	26.08	.05¼	4 15/16	65.10	.06½
13/16	1.763	.05½	2	10.68	.05	3 3/16	27.13	.05¼	5	66.76	.07
7/8	2.044	.05½	2 1/16	11.36	.05	3 1/4	28.20	.05¼	5 7/16	78.95	.07
15/16	2.347	.05½	2 1/8	12.07	.05	3 5/16	29.30	.05¼	5 1/2	80.77	.07½
1	2.670	.05½	2 3/16	12.78	.05	3 3/8	30.42	.05¼	5 15/16	94.14	.07½
.....	.....	.....	.....	.....	.....	3 7/16	31.56	.05¼	6	96.14	.08

SQUARE

Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.	Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.	Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.	Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.
3/16	.12	$0.14	11/16	1.61	$0.10	1 3/8	6.43	$0.08	2	13.60	$0.08
7/32	.165	.12	3/4	1.92	.08	1 7/16	7.66	.08	2 1/4	17.25	.08
1/4	.213	.12	13/16	2.25	.08	1 1/2	7.02	.08	2 1/2	21.26	.08
9/32	.270	.12	7/8	2.60	.08	1 9/16	8.30	.08	2 3/4	25.72	.08
5/16	.332	.12	15/16	2.99	.08	1 5/8	8.98	.08	3	30.61	.08
11/32	.405	.12	1	3.40	.08	1 11/16	9.68	.08	3 1/4	35.92	.10
3/8	.479	.12	1 1/16	3.85	.08	1 3/4	10.41	.08	3 1/2	41.67	.10
7/16	.652	.12	1 1/8	4.30	.08	1 13/16	11.17	.08	3 3/4	47.84	.11
1/2	.850	.10	1 3/16	4.79	.08	1 7/8	11.95	.08	4	54.42	.11
9/16	1.08	.10	1 1/4	5.31	.08	1 15/16	12.76	.08			
5/8	1.34	.10									

HEXAGON

Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.	Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.	Size, Inches.	W'ght Per Foot, Lbs.	Per Pound.	Size, Inches.	W'ght Per Foot. Lbs.	Per Pound.
1/4	.195	$0.10	17/32	.82	$0.08	33/32	2.40	$0.07	1 3/8	5.57	$0.07
9/32	.23	.10	9/16	.93	.07½	1 1/8	2.58	.07	1 7/16	6.07	.07
5/16	.29	.10	19/32	1.10	.07½	1	2.94	.07	1 1/2	6.62	.07
11/32	.36	.10	5/8	1.15	.07½	1 1/16	3.33	.07	1 9/16	7.17	.07
3/8	.43	.08	11/16	1.40	.07½	1 3/32	3.52	.07	1 5/8	7.76	.07
13/32	.50	.08	23/32	1.52	.07½	1 1/8	3.73	.07	1 11/16	8.37	.07
7/16	.56	.08	3/4	1.66	.07½	1 3/16	4.15	.07	1 3/4	9.00	.07
15/32	.64	.08	13/16	1.91	.07½	1 1/4	4.60	.07	1 7/8	10.32	.07
1/2	.73	.08	7/8	2.25	.07	1 5/16	5.07	.07	2	12.70	.07

FLAT

Thickness, Inches.	Width, Inches. Per Pound.									
	5/16 to ½	5/16 to 23/32	¾ to 1	1 1/16 to 1½	1 1/16 to 1¾	1 13/16 to 2	2 1/16 to 2¼	2 1/16 to 2½	2 1/16 to 2¾	2 13/16 to 3
1/8 to 5/32....	$0.16	$0.16	$0.12	$0.12	$0.10	$0.10	$0.10	$0.10	$0.10	$0.10
3/16 to 7/32....	.14	.14	.10	.10	.08	.08	.08	.08	.08	.08
3/8 and 7/16....	.14	.14	.10	.10	.08	.08	.08	.08	.08	.08
1/2 and 9/16....	.....	.10	.08	.08	.08	.08	.08	.08	.08	.08
5/8 and 11/16....	.....	.10	.08	.08	.08	.08	.08	.08	.08	.08
3/4 and 15/16....	.....	.....	.08	.08	.08	.08	.08	.08	.08	.08
1 to 1 7/16....	.....	.....	.....	.08	.08	.08	.08	.08	.08	.08

Sleigh Shoe Steel.

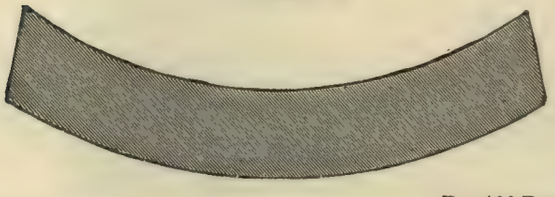
Prices on Application.

FLAT

	Per 100 Pounds
1 to 4 in. Wide x ⅜ in. and Thicker	Base, $.....
1 to 4 in. Wide x ¼ and 5/16 in. Thick	Advance, .20
¾ to ⅞ in. Wide x ⅜ in. and Thicker	Advance, .40
¾ to ⅞ in. Wide x ¼ and 5/16 in. Thick	Advance, .50

Steel Sleigh Shoes.

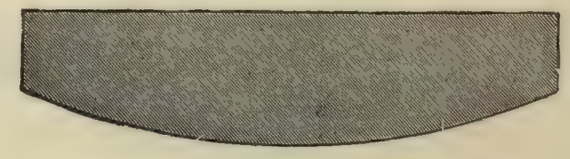
CONCAVE



Per 100 Pounds

Concave Steel Sleigh Shoes, 2 to 4 in. Wide.....$.....

CONVEX



Per 100 Pounds

Convex Steel Sleigh Shoes, 2½ to 4 in. Wide.....$.....

Steel Cutter and Bob Shoes.

Tapered and Bent.

Per 100 Pounds

Steel Cutter Shoes, ¾ to 1¼ in. Wide, ⅜ to ½ in. Thick.$.....

Railroad Track Bolts.

Button Head, Square Nut.

Per 100 Pounds

2x½ in. .....$.....

200 Pounds in a Keg.

Tank Lugs.

Discount on Application.

TECKTONIUS

For Round Iron Hoops.

Side Pull, Malleable Iron, For Tanks, Vats, Silos, Etc.

	Each
½ in., 4 in. Long, Weight Per Hundred 74 Lbs.	$0.10
⅝ in., 4⅜ in. Long, Weight Per Hundred 104 Lbs.	.12
¾ in., 4½ in. Long, Weight Per Hundred 140 Lbs.	.17
⅞ in., 5⅝ in. Long, Weight Per Hundred 229 Lbs.	.27
1 in., 5¾ in. Long, Weight Per Hundred 254 Lbs.	.30

TECKTONIUS

For Flat Bands.

Single Bolt, Malleable Iron.

	Per Pair
1½ in. Wide, ½x13 in. Bolt, Weight Per Pair 2 3/16 Lbs.	$0.40
1¾ in. Wide, ½x13 in. Bolt, Weight Per Pair 3 Lbs.	.50
2 in. Wide, ⅝x14 in. Bolt, Weight Per Pair 4 Lbs.	.60
2½ in. Wide, ⅝x16 in. Bolt, Weight Per Pair 5⅝ Lbs.	.80
3 in. Wide, ¾x18 in. Bolt, Weight Per Pair 6½ Lbs.	1.00
3½ in. Wide, ⅞x18 in. Bolt, Weight Per Pair 9¾ Lbs.	1.50

WINSHIP

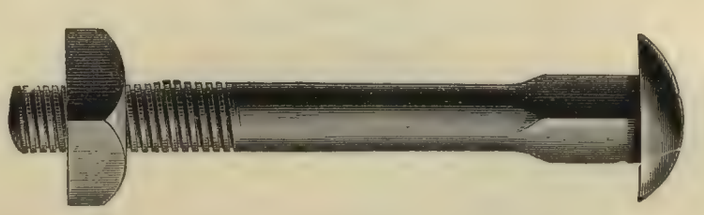
For Flat Bands.

Single Bolt, Malleable Iron.

	Per Pair
1½ in. Wide, ½x13 in. Bolt, Weight Per Pair 2¼ Lbs.	$0.40
1¾ in. Wide, ½x13 in. Bolt, Weight Per Pair 2¾ Lbs.	.50
2 in. Wide, ⅝x14 in. Bolt, Weight Per Pair 4 Lbs.	.60
2½ in. Wide, ⅝x16 in. Bolt, Weight Per Pair 5¾ Lbs.	.80
3 in. Wide, ¾x18 in. Bolt, Weight Per Pair 7 Lbs.	1.00
3½ in. Wide, ⅞x18 in. Bolt, Weight Per Pair 10⅞ Lbs.	1.50

Carriage Bolts.

Discount on Application.



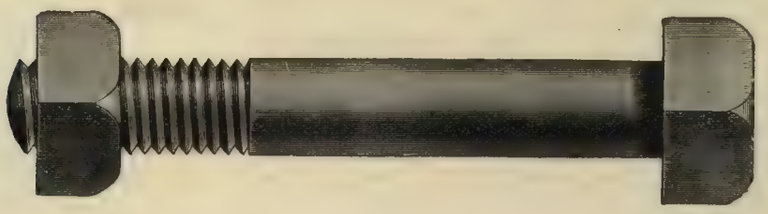
Standard List Adopted November 1, 1912.

5/16 and 1/4 Inch.		7/16 Inch.		3/8 Inch		7/16 Inch.		1/2 Inch.		5/8 Inch.	
Length, Inches.	Per 100	Length, Inches.	Per 100	Length, Inches.	Per 100	Length, Inches.	Per 100	Length, Inches.	Per 100	Length, Inches.	Per 100
3/4	$1.00	3/4	$1.40	3/4	$1.90	1	$2.20	1	$3.25	2	$5.75
1	1.00	1	1.40	1	1.90	1 1/4	2.20	1 1/2	3.25	2 1/2	5.75
1 1/4	1.00	1 1/4	1.40	1 1/4	1.90	1 1/2	2.20	1 3/4	3.25	3	6.13
1 1/2	1.00	1 1/2	1.40	1 1/2	1.90	1 3/4	2.40	2	3.25	3 1/2	6.51
1 3/4	1.10	1 3/4	1.52	1 3/4	2.06	2	2.40	2 1/4	3.25	4	6.89
2	1.10	2	1.52	2	2.06	2 1/4	2.60	2 1/2	3.25	4 1/2	7.27
2 1/4	1.20	2 1/4	1.64	2 1/4	2.22	2 1/2	2.60	2 3/4	3.53	5	7.65
2 1/2	1.20	2 1/2	1.64	2 1/2	2.22	2 3/4	2.80	3	3.53	5 1/2	8.03
2 3/4	1.30	2 3/4	1.76	2 3/4	2.38	3	2.80	3 1/4	3.81	6	8.41
3	1.30	3	1.76	3	2.38	3 1/4	3.00	3 1/2	3.81	6 1/2	8.79
3 1/4	1.40	3 1/4	1.88	3 1/4	2.54	3 1/2	3.00	3 3/4	4.09	7	9.17
3 1/2	1.40	3 1/2	1.88	3 1/2	2.54	3 3/4	3.20	4	4.09	7 1/2	9.55
3 3/4	1.50	3 3/4	2.00	3 3/4	2.70	4	3.20	4 1/4	4.37	8	9.93
4	1.50	4	2.00	4	2.70	4 1/4	3.40	4 1/2	4.37	8 1/2	10.31
4 1/4	1.60	4 1/4	2.12	4 1/4	2.86	4 1/2	3.40	4 3/4	4.65	9	10.69
4 1/2	1.60	4 1/2	2.12	4 1/2	2.86	4 3/4	3.60	5	4.65	9 1/2	11.07
4 3/4	1.70	4 3/4	2.24	4 3/4	3.02	5	3.60	5 1/2	4.93	10	11.45
5	1.70	5	2.24	5	3.02	5 1/4	3.80	6	5.21	11	12.21
5 1/4	1.80	5 1/4	2.36	5 1/4	3.18	5 1/2	3.80	6 1/2	5.49	12	12.97
5 1/2	1.80	5 1/2	2.36	5 1/2	3.18	6	4.00	7	5.77	13	13.73
5 3/4	1.90	5 3/4	2.48	5 3/4	3.34	6 1/2	4.20	7 1/2	6.05	14	14.49
6	1.90	6	2.48	6	3.34	7	4.40	8	6.33	15	15.25
6 1/2	2.00	6 1/4	2.60	6 1/4	3.50	7 1/2	4.60	8 1/2	6.61	16	16.01
.....	.....	6 1/2	2.60	6 1/2	3.50	8	4.80	9	6.89	.....	.....
.....	.....	7	2.72	6 3/4	3.66	8 1/2	5.00	9 1/2	7.17	.....	.....
.....	.....	7 1/2	2.84	7	3.66	9	5.20	10	7.45	.....	.....
.....	.....	8	2.96	7 1/2	3.82	9 1/2	5.40	10 1/2	8.01	.....	.....
.....	.....	8 1/2	3.08	8	3.98	10	5.60	11	8.01	.....	.....
.....	.....	9	3.20	8 1/2	4.14	10 1/2	6.00	11 1/2	8.57	.....	.....
.....	.....	9 1/2	3.32	9	4.30	11	6.00	12	8.57	.....	.....
.....	.....	10	3.44	9 1/2	4.46	12	6.40	12 1/2	9.13	.....	.....
.....	.....	.....	.....	10	4.62	.....	.....	13	9.13	.....	.....
.....	.....	.....	.....	10 1/2	4.94	.....	.....	14	9.69	.....	.....
.....	.....	.....	.....	11	4.94	.....	.....	15	10.25	.....	.....
.....	.....	.....	.....	11 1/2	5.26	.....	.....	16	10.81	.....	.....
.....	.....	.....	.....	12	5.26	.....	.....	17	11.37	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	18	11.93	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	19	12.49	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	20	13.05	.....	.....

5/16 and 1/4 in., One Hundred; 7/16 in. and larger, One-half Hundred in a Package.

Machine Bolts.

Discount on Application.



Square Head and Nut.

Standard List Adopted August 1, 1912.

¼ Inch		5/16 Inch.		⅜ Inch.		7/16 Inch.		½ Inch.		⅝ Inch.		¾ Inch.		⅞ Inch.		1 Inch.	
L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100	L'gth In.	Per 100
¾	$1.70	¾	$2.00	¾	$2.40	1	$2.80	1	$3.60	1	$5.20	1½	$7.70	2	$11.20	2½	$16.90
1	1.70	1	2.00	1	2.40	1¼	2.80	1¼	3.60	1¼	5.20	1¾	8.25	2½	11.90	3	17.80
1¼	1.70	1¼	2.00	1¼	2.40	1½	2.80	1½	3.60	1½	5.20	2	8.25	3	12.60	3½	18.70
1½	1.70	1½	2.00	1½	2.40	1¾	3.00	1¾	3.86	1¾	5.58	2¼	8.80	3½	13.30	4	19.60
1¾	1.78	1¾	2.12	1¾	2.56	2	3.00	2	3.86	2	5.58	2½	8.80	4	14.00	4½	20.50
2	1.78	2	2.12	2	2.56	2¼	3.20	2¼	4.12	2¼	5.96	2¾	9.35	4½	14.70	5	21.40
2¼	1.86	2¼	2.24	2¼	2.72	2½	3.20	2½	4.12	2½	5.96	3	9.35	5	15.40	5½	22.30
2½	1.86	2½	2.24	2½	2.72	2¾	3.40	2¾	4.38	2¾	6.34	3½	9.90	5½	16.10	6	23.20
....	.....	2¾	2.36	2¾	2.88	3	3.40	3	4.38	3	6.34	4	10.45	6	16.80	6½	24.10
3	1.94	3	2.36	3	2.88	3¼	3.60	3¼	4.64	3½	6.72	4½	11.00	6½	17.50	7	25.00
....	.....	3¼	2.48	3¼	3.04	3½	3.60	3½	4.64	4	7.10	5	11.55	7	18.20	7½	25.90
3½	2.02	3½	2.48	3½	3.04	3¾	3.80	3¾	4.90	4½	7.48	5½	12.10	7½	18.90	8	26.80
....	.....	3¾	2.60	3¾	3.20	4	3.80	4	4.90	5	7.86	6	12.65	8	19.60	8½	28.60
4	2.10	4	2.60	4	3.20	4¼	4.00	4½	5.16	5½	8.24	6½	13.20	8½	21.00	9	28.60
....	.....	4¼	2.72	4½	3.36	4½	4.00	5	5.42	6	8.62	7	13.75	9	21.00	10	30.40
4½	2.18	4½	2.72	5	3.52	4¾	4.20	5½	5.68	6½	9.00	7½	14.30	9½	22.40	11	32.20
5	2.26	5	2.84	5½	3.68	5	4.20	6	5.94	7	9.38	8	14.85	10	22.40	12	34.00
....	.....	....	.....	6	3.84	5¼	4.40	6½	6.20	7½	9.76	8½	15.95	11	23.80	13	35.80
....	.....	....	.....	6½	4.00	5½	4.40	7	6.46	8	10.14	9	15.95	12	25.20	14	37.60
....	.....	....	.....	7	4.16	5¾	4.60	7½	6.72	8½	10.90	9½	17.05	13	26.60	15	39.40
....	.....	....	.....	7½	4.32	6	4.60	8	6.98	9	10.90	10	17.05	14	28.00	16	41.20
....	.....	....	.....	8	4.48	6½	4.80	8½	7.50	9½	11.66	10½	18.15	15	29.40	17	43.00
....	.....	....	.....	....	.....	7	5.00	9	7.50	10	11.66	11	18.15	16	30.80	18	44.80
....	.....	....	.....	....	.....	7½	5.20	9½	8.02	10½	12.42	12	19.25	17	32.20	19	46.60
....	.....	....	.....	....	.....	....	.....	10	8.02	11	12.42	13	20.35	18	33.60	20	48.40
....	.....	....	.....	....	.....	....	.....	10½	8.54	12	13.18	14	21.45	19	35.00	.....	.....
....	.....	....	.....	....	.....	....	.....	11	8.54	13	13.94	15	22.55	20	36.40	.....	.....
....	.....	....	.....	....	.....	....	.....	11½	9.06	14	14.70	16	23.65	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	12	9.06	15	15.46	17	24.75	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	13	9.58	16	16.22	18	25.85	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	14	10.10	17	16.98	19	26.95	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	15	10.62	18	17.74	20	28.05	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	16	11.14	19	18.50	21	29.15	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	17	11.66	20	19.26	22	30.25	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	18	12.18	21	20.02	23	31.35	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	20	13.22	22	20.78	24	32.45	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	22	14.26	23	21.54	25	33.55	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	....	.....	24	22.30	26	34.65	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	28	36.85	.....	.....	.....	.....
....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	30	39.05	.....	.....	.....	.....

¼ in., One Hundred in a Package; 5/16 to ½ in., Fifty in a Package; ⅝ to 1 in., Loose.

Coach or Lag Screws.

Discount on Application.

Gimlet Point, Square Head.

Standard List Adopted November 12, 1908.

¼ Inch.		5/16 Inch		⅜ Inch.		7/16 Inch.		½ Inch.		⅝ Inch.		¾ Inch.	
Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.
1¼	$2.25	1¼	$2.25	1½	$2.70	2	$3.47	2	$4.11	2½	$ 6.50	3	$ 9.90
1½	2.25	1½	2.25	1¾	2.96	2½	3.79	2½	4.47	3	7.00	4	11.30
2	2.45	2	2.45	2	2.96	3	4.11	3	4.83	3½	7.50	5	12.70
2½	2.65	2½	2.65	2½	3.22	3½	4.43	3½	5.19	4	8.00	6	14.10
3	2.85	3	2.85	3	3.48	4	4.75	4	5.55	4½	8.50	7	15.50
3½	3.05	3½	3.05	3½	3.74	4½	5.07	4½	5.91	5	9.00	8	16.90
4	3.25	4	3.25	4	4.00	5	5.39	5	6.27	5½	9.50	9	18.30
.....	.....	4½	3.45	4½	4.26	5½	5.71	5½	6.63	6	10.00	10	19.70
.....	.....	5	3.65	5	4.52	6	6.03	6	6.99	6½	10.50	12	22.50
.....	.....	.....	.....	5½	4.78	6½	6.35	6½	7.35	7	11.00	14	25.30
.....	.....	.....	.....	6	5.04	7	6.67	7	7.71	7½	11.50	.....	.....
.....	.....	.....	.....	6½	5.30	.....	.....	7½	8.07	8	12.00	.....	.....
.....	.....	.....	.....	7	5.56	.....	.....	8	8.43	9	13.00	.....	.....
.....	.....	.....	.....	7½	5.82	.....	.....	9	9.15	10	14.00	.....	.....
.....	.....	.....	.....	8	6.08	.....	.....	10	9.87	12	16.00	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	18.00	.....	.....

¼ in., One Hundred; 5/16 to ½ in., Fifty; ⅝ and ¾ in., up to 10 in., Twenty-five in a Package; Larger Fifty in a Box.

Bolt Ends.

Discount on Application.

With Square Nut.

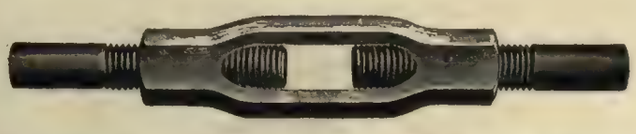
Standard List Adopted January 30, 1895.

Diameter of Iron, Inches.....	7/16	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2
Length, Inches	7	8	9	10	11	12	13	14	15	16	17	18	20
Weight Each, Lbs.....	7/16	½	1	1½	2	3	4¼	5½	7¼	9½	14½	15	21
Per Pound	$0.16	.14	.12	.10	.10	.10	.10	.11	.11	.11	.12	.12	.12

Special Lengths, or Larger and Smaller Sizes made to order.

Turnbuckles.

Discount on Application.



Wrought Iron, Hexagonal, Complete with Right and Left Hand Bolt End.

Diameter of Screw, Inches.....	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	2
Opening Between Heads, Inches.....	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½	5½
Length of Tapped Heads, Inches.....	⅞	1	1⅛	1⅜	1½	1 11/16	1⅞	2 1/16	2¼	2 7/16	2⅝	2⅞	3 3/16
Length of Buckle Only, Inches.....	7¼	7½	7⅞	8¼	8⅝	9	9⅜	9¾	10⅛	10½	10⅞	11¼	12
Total Length, Complete, Inches.....	22	22	22	23	24	25	25	26	27	27	28	28	29
Weight Each, Lbs.....	3½	4¼	5¼	6½	7½	9⅜	10¾	13⅜	16½	19¾	22¾	25¾	56
Each	$0.40	.45	.50	.63	.75	.88	1.00	1.25	1.38	1.50	1.75	2.00	2.65

In Bulk.

Plow Bolts.

Discount on Application.

No. 2.

No. 3.

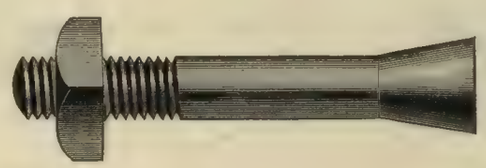
No. 4.

No. 2, Round Countersunk Head.				No. 3, Round Countersunk Head. Short Square Shank.				No. 4, Square Countersunk Head.			
	Right Hand. Per 100	Per 100	Per 100		Right Hand. Per 100	Per 100	Per 100		Right Hand. Per 100	Per 100	Per 100
Length, Inches	⅜	7/16	½	Length, Inches	⅜	7/16	½	Length, Inches	⅜	7/16	½
¾	$2.00	.....	.....	¾	$2.00	.....	.....	1	$2.00	.....	.....
1	2.00	.....	.....	1	2.00	.....	.....	1¼	2.00	$2.60	$3.50
1¼	2.00	2.60	.....	1¼	2.00	$2.60	$3.50	1½	2.10	2.70	3.70
1½	2.10	2.75	$3.70	1½	2.10	2.75	3.70	1¾	2.20	2.90	3.90
1¾	2.20	2.90	3.90	1¾	2.20	2.90	3.90	2	2.30	3.05	4.10
2	2.30	3.05	4.10	2	2.30	3.05	4.10	.....	.....	.....	.....
2¼	2.40	3.20	4.30	2¼	2.40	3.20	4.30	.....	.....	.....	.....
2½	2.50	3.35	4.50	2½	2.50	3.35	4.50	.....	.....	.....	.....
2¾	2.60	3.50	.....	2¾	2.60	3.50	.....	.....	.....	.....	.....
3	2.70	3.65	4.90	3	2.70	3.65	4.90	.....	.....	.....	.....

50 in a Package. Do not Break Packages.

Sleigh Shoe Bolts.

Discount on Application.



Standard List Adopted November 1, 1912.

⅜ Inch.		7/16 Inch.		½ Inch.	
Length, Inches.	Per 100	Length, Inches.	Per 100	Length, Inches.	Per 100
2	$2.06	4	$3.20	5	$4.65
2½	2.22	4½	3.40	5½	4.93
3	2.38	5	3.60	6	5.21
3½	2.54	5½	3.80	6½	5.49
4	2.70	6	4.00	7	5.77
4½	2.86	6½	4.20	7½	6.05
5	3.02	7	4.40	8	6.33
5½	3.18	7½	4.60	8½	6.61
6	3.34	8	4.80	9	6.89
6½	3.50	8½	5.00	10	7.45
7	3.66	9	5.20	.....	.....
7½	3.82	.....	.....	.....	.....
8	3.98	.....	.....	.....	.....

Fifty in a Package.

Tire Bolts.

Discount on Application.

Standard List Adopted December 28, 1899.

5/16 Inch.		1/4 Inch.		5/16 Inch.	
Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.
1	$0.60	1 1/4	$0.95	1 3/4	$1.40
1 1/4	.60	1 1/2	.95	2	1.47
1 1/2	.60	1 3/4	1.00	2 1/4	1.54
1 3/4	.65	2	1.05	2 1/2	1.61
2	.70	2 1/4	1.10	2 3/4	1.68
2 1/4	.75	2 1/2	1.15	3	1.75
2 1/2	.80	2 3/4	1.20	3 1/4	1.82
2 3/4	.85	3	1.25	3 1/2	1.89
3	.90	3 1/4	1.30	3 3/4	1.96
.....	.....	3 1/2	1.35	4	2.03
.....	.....	3 3/4	1.40	.....	.....
.....	.....	4	1.45	.....	.....

One Hundred in a Box.

Elevator Bolts.

Discount on Application.

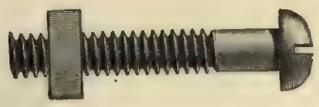
No. 1—Flat Head, Wrought Iron.

Length, Inches	3/4	7/8	1	1 1/4
1/4 in. Diameter.....Per 100,	$2.20	2.30	2.30	2.40

One Hundred in a Box.

Stove Bolts.

Discount on Application.



Standard List Adopted June 1, 1908.

Flat Head.						Round Head.									
3/16 Inch.		1/4 Inch.		5/16 Inch.		1/8 Inch.		5/32 Inch.		3/16 Inch.		1/4 Inch.		5/16 Inch.	
Lgth., In.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length, Inches.	Per 100.	Length Inches	Per 100.	Length Inches	Per 100.	Length Inches	Per 100.
3/8	$0.85	1/2	$1.20	3/4	$1.75	3/8	$0.85	3/8	$0.85	3/8	$0.85	1/2	$1.20	3/4	$1.75
1/2	.85	5/8	1.20	7/8	1.80	1/2	.85	1/2	.85	1/2	.85	5/8	1.20	7/8	1.80
5/8	.85	3/4	1.20	1	1.85	5/8	.85	5/8	.85	5/8	.85	3/4	1.20	1	1.85
3/4	.85	7/8	1.25	1 1/4	1.95	3/4	.85	3/4	.85	3/4	.85	7/8	1.25	1 1/4	1.95
7/8	.90	1	1.30	1 1/2	2.05	7/8	.90	7/8	.90	7/8	.90	1	1.30	1 1/2	2.05
1	.90	1 1/4	1.40	1 3/4	2.15	1	.90	1	.90	1	.90	1 1/4	1.40	1 3/4	2.15
1 1/4	1.00	1 1/2	1.50	2	2.30	.....	.....	.....	.....	1 1/4	1.00	1 1/2	1.50	2	2.30
1 1/2	1.10	1 3/4	1.55	2 1/4	2.40	.....	.....	.....	.....	1 1/2	1.10	1 3/4	1.55	2 1/4	2.40
1 3/4	1.15	2	1.60	2 1/2	2.50	.....	.....	.....	.....	1 3/4	1.15	2	1.60	2 1/2	2.50
2	1.20	2 1/4	1.70	2 3/4	2.60	.....	.....	.....	.....	2	1.20	2 1/4	1.70	2 3/4	2.60
2 1/4	1.25	2 1/2	1.80	3	2.70	.....	.....	.....	.....	2 1/4	1.25	2 1/2	1.80	.....	.....
2 1/2	1.30	2 3/4	1.90	.....	.....	.....	.....	.....	.....	2 1/2	1.30	2 3/4	1.90	.....	.....
2 3/4	1.40	3	2.00	.....	.....	.....	.....	.....	.....	2 3/4	1.40	3	2.00	.....	.....
3	1.50	.....	.....	.....	.....	.....	.....	.....	.....	3	1.50	.....	.....	.....	.....

One Hundred in a Box.

Expansion Bolts.

LAG SCREW TYPE

Discount on Application.

No. 5—Malleable Shields, with Square Head Lag Screws.

Length, Inches	Diameter, Inches. Per Hundred.					
	¼	5/16	⅜	½	⅝	¾
1½	$10.13	$11.60	.....	.....	.....	.....
2	10.85	11.65	.....	.....	.....	.....
2½	11.00	11.85	$15.90	$24.15	$31.70	$48.30
3	11.25	12.00	16.10	24.45	32.10	48.85
4	11.50	12.35	16.40	25.35	32.90	50.00
5	11.85	12.65	16.90	25.90	33.75	51.05
6	12.20	13.00	17.35	26.45	34.60	52.20
7	.....	13.30	17.65	27.00	35.40	53.30
8	.....	.....	18.00	27.55	36.25	54.45
9	.....	.....	.....	28.10	37.10	55.55
10	.....	.....	.....	.....	37.95	56.65
11	.....	.....	.....	.....	38.80	57.75
12	.....	.....	.....	.....	39.60	58.90

EXPANSION BOLT SHIELDS ONLY

No. 50—Lag Screw Type Malleable, Long Standard.

For Diameter of Screw, Inches	¼	5/16	⅜	½	⅝	¾
Diameter of Shield, Inches	5/16	½	⅝	¾	⅞	1
Length of Shield, Inches	1½	2	2¾	3½	3½	3½
Per Hundred	$9.40	10.50	13.35	22.00	27.80	39.95

The Best Bolt for use in any kind of Brick, Stone or Concrete. It expands on inner end, cannot crack the wall. Shields lock together. No loose parts to become lost.

MACHINE BOLT TYPE

No. 10—Double Expansion, Malleable Shields, with Square Head Machine Bolts.

Length, Inches	Diameter, Inches. Per Hundred.						
	¼	5/16	⅜	7/16	½	⅝	¾
1¾	$ 8.95	.....	.....	.....	.....	.....	.....
2	9.00	10.00	.....	.....	.....	.....	.....
2½	9.05	10.05	$12.40	.....	.....	.....	.....
3	9.10	10.10	12.50	$16.60	$20.00	.....	.....
3½	9.15	10.15	13.00	16.80	20.15	$27.25	.....
4	9.20	10.20	13.70	17.00	20.30	27.50	$40.00
4½	9.25	10.25	13.80	17.25	20.45	27.75	40.30
5	9.30	10.30	13.90	17.50	20.60	28.00	40.60
5½	9.35	10.35	14.00	17.75	20.75	28.25	40.90
6	9.40	10.40	14.10	18.00	20.90	28.50	41.20
6½	.....	.....	14.20	18.10	21.05	28.75	41.50
7	.....	.....	14.30	18.20	21.20	29.00	41.80
7½	.....	.....	14.40	18.30	21.35	29.25	42.10
8	.....	.....	14.50	18.40	21.50	29.50	42.40
9	.....	.....	.....	.....	21.65	29.75	42.70
10	.....	.....	.....	.....	21.80	30.00	43.00
11	.....	.....	.....	.....	22.00	30.50	43.50
12	.....	.....	.....	.....	23.50	31.00	44.00

EXPANSION BOLT SHIELDS ONLY

No. 100—Machine Bolt Type, Malleable Iron.

For Diameter of Bolt, Inches	¼	5/16	⅜	7/16	½	⅝	¾
Diameter of Shield, Inches	½	⅝	11/16	⅞	⅞	1	1¼
Length of Shield, Inches	1⅛	1⅞	2⅜	2½	2⅝	3¼	4
Per Hundred	$8.00	9.00	11.00	15.00	18.00	24.00	35.00

Screw Anchors.

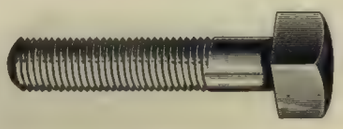
Without Screws.

Made of Composition Metal in one piece, and are so constructed that the screw cuts its own thread. This enables their use with any Wood Machine or Special Screws, its efficiency with all styles being equal. They will not break, chip, mark or deface the finest marble or tile. The Lead Composition is Non-Rusting.

Inside Diam. Anchor, In.	1/8	5/16	3/8	5/16	¼	¼	¼	5/16
Length of Anchor, In.	¾	¾	1	1⅝	¾	1	1½	1
Fits Screws, Nos.	5, 6, 7, 8	9, 10, 11, 12	9, 10, 11, 12	9, 10, 11, 12	13, 14, 15	13, 14, 15	13, 14, 15	16, 17, 18
Outside Diam. Anchor, In.	¼	5/16	5/16	5/16	⅜	⅜	⅜	7/16
Diam. Drill Required, In.	¼	5/16	5/16	5/16	⅜	⅜	⅜	7/16
Per 100	$4.40	5.00	5.00	6.25	5.60	5.60	6.75	6.25

Square Head Cap Screws.

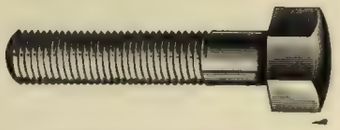
Discount on Application.



List Adopted April 1, 1905. **Finished, V Threads.**

Length, Inches	Diameter of Screw, Inches. Per Hundred.											
	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼
¾	$3.00	$3.25	$3.75	$ 4.00	$ 5.70	.....	.....	.....	.....	.....	.....	.....
⅞	3.15	3.40	3.90	4.70	5.80	.....	.....	.....	.....	.....	.....	.....
1	3.25	3.50	4.00	4.90	5.90	$ 9.25	$ 9.25	.....	.....	.....	.....	.....
1¼	3.50	3.75	4.25	5.30	6.50	9.50	9.50	$12.50	.....	.....	.....	.....
1½	3.75	4.00	4.50	5.70	7.10	10.00	10.00	13.50	$18.40	.....	.....	.....
1¾	4.00	4.25	4.85	6.10	7.70	10.75	10.75	14.50	19.70	$22.75	.....	.....
2	4.25	4.85	5.20	6.50	8.30	11.50	11.50	15.50	21.00	25.00	$34.00	$38.50
2¼	4.70	5.35	5.55	7.15	8.90	12.60	12.60	16.50	22.40	27.25	36.75	42.00
2½	5.25	5.80	6.00	7.50	9.50	13.60	13.60	17.50	23.70	29.50	39.50	45.50
2¾	5.75	6.30	6.65	7.90	10.10	14.40	14.40	19.00	25.00	31.75	42.25	49.00
3	6.25	6.80	7.20	8.40	10.70	15.20	15.20	20.60	26.40	34.00	45.00	52.50
3¼	.....	.....	.....	9.15	11.50	16.00	16.00	22.10	28.20	36.25	47.75	56.00
3½	.....	.....	.....	9.75	12.30	17.30	17.30	23.70	30.00	38.50	50.50	59.50
3¾	.....	.....	.....	10.50	13.10	18.60	18.60	25.30	31.80	40.75	53.25	63.00
4	.....	.....	.....	11.10	13.90	19.90	19.90	26.90	33.60	43.00	56.00	66.50
4¼	.....	.....	.....	.....	.....	.....	21.20	28.50	35.40	45.25	58.75	70.00
4½	.....	.....	.....	.....	.....	.....	22.50	30.10	37.20	47.50	61.50	73.50
4¾	.....	.....	.....	.....	.....	.....	.....	31.70	39.00	49.75	64.25	77.00
5	.....	.....	.....	.....	.....	.....	.....	.....	40.80	52.00	67.00	80.50
Dia. Head.	⅜	7/16	½	9/16	⅝	11/16	¾	⅞	1⅛	1¼	1⅜	1½
Thds. to In.	20	18	16	14	12	12	11	10	9	8	7	7
Add for Each ¼ In.	$0.40	.50	.60	.70	.80	1.30	1.30	1.60	1.80	2.25	2.75	3.50

Hexagon Head Cap Screws.



List Adopted April 1, 1905. **Finished, V Threads.**

Length, Inches	Diameter of Screw, Inches. Per Hundred.											
	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼
¾	$3.00	$3.25	$3.75	$ 4.50	$ 5.70	.....	.....	.....	.....	.....	.....	.....
⅞	3.15	3.40	3.90	4.70	5.80	.....	.....	.....	.....	.....	.....	.....
1	3.25	3.50	4.00	4.90	5.90	9.25	$ 9.25	.....	.....	.....	.....	.....
1¼	3.50	3.75	4.25	5.30	6.50	9.50	9.50	$12.50	.....	.....	.....	.....
1½	3.75	4.00	4.50	5.70	7.10	10.00	10.00	13.50	$18.40	.....	.....	.....
1¾	4.00	4.25	4.85	6.10	7.70	10.75	10.75	14.50	19.70	$22.75	.....	.....
2	4.25	4.85	5.20	6.50	8.30	11.50	11.50	15.50	21.00	25.00	$34.00	$38.50
2¼	4.70	5.35	5.55	7.15	8.90	12.60	12.60	16.50	22.40	27.25	36.75	42.00
2½	5.25	5.80	6.00	7.50	9.50	13.60	13.60	17.50	23.70	29.50	39.50	45.50
2¾	5.75	6.30	6.65	7.90	10.10	14.40	14.40	19.00	25.00	31.75	42.25	49.00
3	6.25	6.80	7.20	8.40	10.70	15.20	15.20	20.60	26.40	34.00	45.00	52.50
3¼	.....	.....	.....	9.15	11.50	16.00	16.00	22.10	28.20	36.25	47.75	56.00
3½	.....	.....	.....	9.75	12.30	17.30	17.30	23.70	30.00	38.50	50.50	59.50
3¾	.....	.....	.....	10.50	13.10	18.60	18.60	25.30	31.80	40.75	53.25	63.00
4	.....	.....	.....	11.10	13.90	19.90	19.90	26.90	33.60	43.00	56.00	66.50
4¼	.....	.....	.....	.....	.....	.....	21.20	28.50	35.40	45.25	58.75	70.00
4½	.....	.....	.....	.....	.....	.....	22.50	30.10	37.20	47.50	61.50	73.50
4¾	.....	.....	.....	.....	.....	.....	.....	31.70	39.00	49.75	64.25	77.00
5	.....	.....	.....	.....	.....	.....	.....	.....	40.80	52.00	67.00	80.50
Dia. Head.	7/16	½	9/16	⅝	¾	13/16	⅞	1	1⅛	1¼	1⅜	1½
Thds. to In.	20	18	16	14	12	12	11	10	9	8	7	7
Add for Each ¼ In.	$0.40	.50	.60	.70	.80	1.30	1.30	1.60	1.80	2.25	2.75	3.50

Iron Set Screws.

Discount on Application.

Case Hardened, Cup Point, V Threads, Square Head Same Diameter as Body.

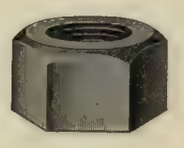
List Adopted April 1, 1905.

Length under Head to Extreme Point, Inches	Diameter of Screw, Inches. Per Hundred.											
	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1⅛	1¼
½	$1.80	$2.00	$2.35	.....	.....	.....	.....	.....	.....	.....	.....	.....
⅝	1.90	2.10	2.45	$2.80	$ 3.30	.....	.....	.....	.....	.....	.....	.....
¾	2.00	2.20	2.50	2.90	3.40	$ 5.00	$ 5.00	.....	.....	.....	.....	.....
⅞	2.10	2.30	2.60	3.00	3.60	5.50	5.50	.....	.....	.....	.....	.....
1	2.15	2.35	2.65	3.10	3.80	5.75	5.75	$10.00	.....	.....	.....	.....
1¼	2.30	2.50	2.85	3.50	4.30	6.50	6.50	11.00	$15.50	.....	.....	.....
1½	2.50	2.70	3.10	4.00	4.80	7.25	7.25	12.00	16.20	$22.00	.....	.....
1¾	2.75	3.00	3.50	4.50	5.40	8.00	8.00	12.80	17.70	24.00	$41.70	.....
2	3.25	3.50	4.00	5.15	6.00	8.80	8.80	13.60	19.20	26.00	45.00	$ 54.00
2¼	3.75	4.00	4.50	5.75	6.75	9.60	9.60	14.50	20.70	28.00	48.30	58.30
2½	4.25	4.50	5.00	6.35	7.50	10.40	10.40	15.40	22.20	30.00	51.60	62.60
2¾	4.75	5.00	5.50	6.75	8.25	11.20	11.20	16.30	23.70	32.00	54.90	66.90
3	5.25	5.50	6.00	7.20	9.00	12.00	12.00	17.30	25.20	34.00	58.20	71.20
3¼	.....	.....	.....	7.60	9.75	12.75	12.75	18.40	26.70	36.00	61.50	75.50
3½	.....	.....	.....	8.00	10.50	13.50	13.50	19.50	28.20	38.00	64.80	79.80
3¾	.....	.....	.....	8.50	11.25	14.30	14.30	20.75	29.70	40.00	68.10	84.10
4	.....	.....	.....	9.00	12.00	15.10	15.10	22.00	31.20	42.00	71.40	88.40
4¼	.....	.....	.....	.....	.....	.....	15.90	23.50	32.70	44.00	74.70	92.70
4½	.....	.....	.....	.....	.....	.....	16.70	25.00	34.20	46.00	78.00	97.00
4¾	.....	.....	.....	.....	.....	.....	.....	26.50	35.70	48.00	81.30	101.30
5	.....	.....	.....	.....	.....	.....	.....	.....	37.20	50.00	84.60	105.60
Thds. to In.	20	18	16	14	12	12	11	10	9	8	7	7
Add for Each ¼ In.	$0.50	.60	.70	.80	.90	1.10	1.10	1.50	1.70	2.25	3.30	4.30

For Steel Set Screws Add 25 Per Cent to Above List.

Semi-Finished Hexagon Nuts.

Discount on Application.

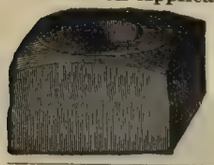


Revised List Adopted May 5, 1911.

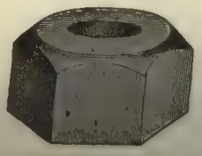
V Threads, Tapped and Faced True on Bottom.

Thickness, Inches	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1
Size Bolt, Inches	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1
Short Diameter, Inches	½	19/32	11/16	25/32	⅞	1 1/16	1 1/4	1 7/16	1 5/8
Number of Threads	20	18	16	14	12	11	10	9	8
Each	$0.02	.02½	.03¼	.03¾	.04½	.06½	.08½	.12	.17½

Prices on Application.



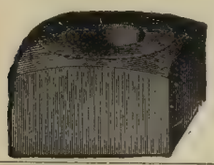
Blank Nuts.



Extra Sizes.

Hot Pressed Wrought Iron.

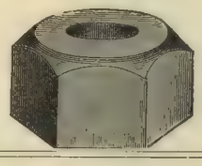
Square.						Hexagon.					
Size of Bolt, Inches.	Diameter, Inches.	Thickness, Inches.	Hole, Inches.	No. in 100 Pounds.	Per 100 Lbs.	Size of Bolt, Inches.	Diameter, Inches.	Thickness, Inches.	Hole, Inches.	No. in 100 Pounds.	Per 100 Lbs.
¼	½	¼	7/32	6900	$13.00						
5/16	19/32	5/16	9/32	3700	12.10	¼	½	¼	7/32	8700	$20.00
⅜	11/16	⅜	11/32	2500	10.70	5/16	19/32	5/16	9/32	4600	18.15
7/16	25/32	7/16	25/64	1600	10.10	⅜	11/16	⅜	11/32	3000	14.15
½	⅞	½	7/16	1200	9.10	7/16	25/32	7/16	25/64	2000	13.15
9/16	31/32	9/16	½	800	9.10	½	⅞	½	7/16	1500	11.35
⅝	1 1/16	⅝	9/16	680	8.80	9/16	31/32	9/16	½	1064	11.35
¾	1 ¼	¾	11/32	416	8.60	⅝	1 1/16	⅝	9/16	770	10.65
⅞	1 7/16	⅞	25/32	272	8.50	¾	1 ¼	¾	11/32	525	10.15
1	1 ⅝	1	⅞	188	8.50	⅞	1 7/16	⅞	25/32	314	10.05
1 ⅛	1 13/16	1 ⅛	31/32	134	8.50	1	1 ⅝	1	⅞	218	10.05
1 ¼	2	1 ¼	1 3/32	103	8.50	1 ⅛	1 13/16	1 ⅛	31/32	144	10.05
1 ⅜	2 3/16	1 ⅜	1 7/32	73	8.60	1 ¼	2	1 ¼	1 3/32	125	10.05
1 ½	2 ⅜	1 ½	1 5/16	60	8.90	1 ⅜	2 3/16	1 ⅜	1 7/32	91	10.15
1 ⅝	2 9/16	1 ⅝	1 7/16	48	9.10	1 ½	2 ⅜	1 ½	1 5/16	72	10.45
1 ¾	2 ¾	1 ¾	1 9/16	37	9.40	1 ⅝	2 9/16	1 ⅝	1 7/16	58	10.65
1 ⅞	2 15/16	1 ⅞	1 11/16	32	9.60	1 ¾	2 ¾	1 ¾	1 9/16	48	10.95
2	3 ⅛	2	1 13/16	27	9.80	1 ⅞	2 15/16	1 ⅞	1 11/16	40	11.15
2 ¼	3 ½	2 ¼	2	18	10.10	2	3 ⅛	2	1 13/16	31	11.35
2 ½	3 ⅞	2 ½	2 ¼	12	10.60	2 ¼	3 ½	2 ¼	2	22	11.85
						2 ½	3 ⅞	2 ½	2 ¼	16	12.55



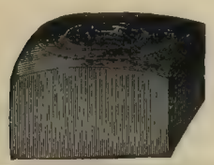
U. S. Standard.

Hot Pressed, Wrought Iron.

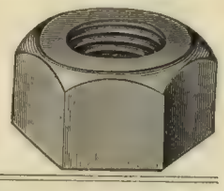
Revised List Adopted March 1st, 1911.



Square.						Hexagon.					
Size of Bolt, Inches.	Diameter, Inches.	Thickness, Inches.	Hole, Inches.	No. in 100 Pounds.	Per 100 Lbs.	Size of Bolt, Inches.	Diameter, Inches.	Thickness, Inches.	Hole, Inches.	No. in 100 Pounds.	Per 100 Lbs.
½	⅞	½	13/32 Scant	1200	$9.00	½	⅞	½	13/32 Scant	1500	$11.20
⅝	1 1/16	⅝	½ Full	680	8.70	⅝	1 1/16	⅝	½ Full	770	10.50
¾	1 ¼	¾	⅝ Scant	416	8.50	¾	1 ¼	¾	⅝ Scant	500	10.00
⅞	1 7/16	⅞	47/64 Scant	280	8.40	⅞	1 7/16	⅞	47/64 Full	309	9.90
1	1 ⅝	1	27/32 Scant	188	8.40	1	1 ⅝	1	27/32 Scant	216	9.90
1 ⅛	1 13/16	1 ⅛	1⅛ Full	130	8.40	1 ⅛	1 13/16	1 ⅛	15/16 Full	148	9.90
1 ¼	2	1 ¼	1 1/16 Full	103	8.40	1 ¼	2	1 ¼	1 1/16 Full	125	9.90



U. S. Standard Tapped Nuts.



U. S. Standard Thread.

Hot Pressed Wrought Iron.

Revised List Adopted March 1st, 1911.

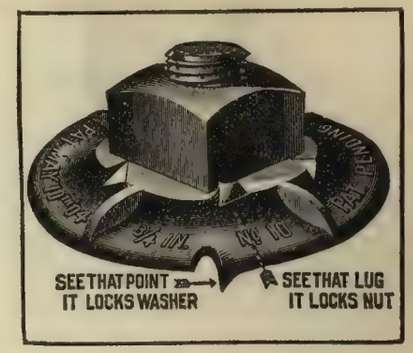
Square.						Hexagon.					
Size of Bolt, Inches.	Diameter, Inches.	Thickness, Inches.	Hole, Inches.	No. in 100 Pounds.	Per 100 Lbs.	Size of Bolt, Inches.	Diameter, Inches.	Thickness, Inches.	Hole, Inches.	No. in 100 Pounds.	Per 100 Lbs.
¼	½	¼	3/16	7380	$15.00	¼	½	¼	3/16	9300	$22.50
5/16	19/32	5/16	¼	3958	13.50	5/16	19/32	5/16	¼	4880	20.00
⅜	11/16	⅜	13/64	2660	11.60	⅜	11/16	⅜	13/64	3200	15.60
7/16	25/32	7/16	11/32	1700	10.90	7/16	25/32	7/16	11/32	2125	14.30
½	⅞	½	13/32	1270	9.70	½	⅞	½	13/32	1600	12.20
⅝	1 1/16	⅝	33/64	720	9.20	⅝	1 1/16	⅝	33/64	815	11.20
¾	1 ¼	¾	⅝	440	8.90	¾	1 ¼	¾	⅝	525	10.60
⅞	1 7/16	⅞	47/64	289	8.80	⅞	1 7/16	⅞	47/64	333	10.50
1	1 ⅝	1	27/32	199	8.80	1	1 ⅝	1	27/32	230	10.50
1 ⅛	1 13/16	1 ⅛	15/16	142	8.80	1 ⅛	1 13/16	1 ⅛	15/16	153	10.50
1 ¼	2	1 ¼	1 1/16	110	8.80	1 ¼	2	1 ¼	1 1/16	130	10.50
1 ½	2 ⅜	1 ½	1 5/32	64	9.40	1 ½	2 ⅜	1 ½	1 5/32	75	11.10

Two Hundred Pounds in a Keg.

Washers.

Write for Prices.

CAST **MALLEABLE IRON**



Cast Iron.

For Bolt, Inches	½	⅝	¾	⅞	1	1⅛	1¼	1½
Hole, Inches	⅝	¾	⅞	1	1⅛	1¼	1⅜	1¾
Diameter of Washer, Inches	2½	2¾	3	3½	4	4½	5	6
Thickness, Inches	11/16	¾	13/16	⅞	15/16	1	1⅛	1¼
Weight Each, Lbs	½	⅝	9/10	1¼	1⅘	2¼	3	5
Per Pound	$0.05	.05	.05	.05	.05	.05	.05	.05

In Bulk.

Malleable Iron.

No. 10—Standard Pattern, with Positive Nut Locking Device.

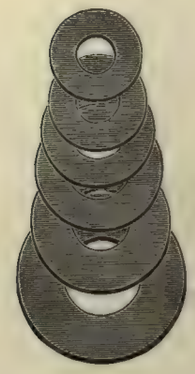
For Bolt, Inches	½	⅝	¾	⅞	1	1⅛	1¼	1½
Diameter, Inches	2½	2¾	3	3½	4	4½	5	6
Thickness, Inches	¼	5/16	7/16	7/16	½	½	⅝	¾
Weight Per 100 Washers, Lbs	15	22	33	50	68	87	150	190
Comparative Wt. Cast Washer, Per 100, Lbs.	50	63	90	125	180	225	300	500
Per Pound	$0.11	.11	.11	.11	.11	.11	.11	.11

Two Hundred Pounds in a Keg.

Considering weight, Malleable Iron Washers are as cheap as Cast Iron Washers. 400 per cent. stronger than cast washers. Nut Locking feature in no way interferes with their use as plain washers. Standard diameter same as cast washers; thickness about one-half of cast washers. Saves 66⅔ per cent. weight to structure. Saves one-half to one inch in length of bolts. Saves 66⅔ per cent. of all freight charges and hauling to structure.

Wrought Washers.

Write for Prices.

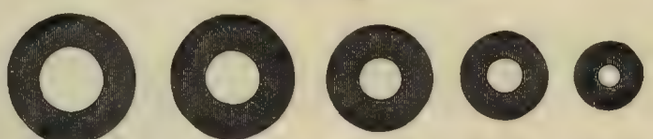


Size of Bolt, Inches	3/16	¼	5/16	⅜	7/16	½	9/16	⅝	¾
Size of Hole, Inches	¼	5/16	⅜	7/16	½	9/16	⅝	11/16	13/16
Wire Gauge, Nos	18	16	16	14	14	12	12	10	10
Diameter, Inches	3/16	¾	⅞	1	1¼	1⅜	1½	1¾	2
Av. Number in 100 Lbs.	39,400	15,600	11,250	6,800	4,300	2,600	2,000	1,300	1,010
Per Hundred Pounds	$14.00	12.20	11.40	10.50	9.80	9.40	9.30	9.20	9.10

Size of Bolt, Inches		⅞	1	1⅛	1¼	1⅜	1½	1¾	2
Size of Hole, Inches		15/16	1 1/16	1¼	1⅜	1½	1⅝	1⅞	2⅛
Wire Gauge, Nos		9	9	9	9	8	8	8	8
Diameter, Inches		2¼	2½	2¾	3	3¼	3½	4	4½
Av. Number in 100 Lbs.		860	625	520	400	300	280	215	175
Per Hundred Pound		$9.00	9.00	9.00	9.20	9.20	9.20	9.50	9.50

Two Hundred Pounds in a Keg.

Riveting Burs.



No. 6. No. 7. No. 8. No. 9. No. 10.

Wrought Steel, Black.

Per Pound

3/16 in., 18 Gauge, Diameter ½ in., Size of Hole 13/64 in., for 3/16 in. Rivets ..... $

¼ in., 18 Gauge, Diameter ⅝ in., Size of Hole 17/64 in., for ¼ in. Rivets .....

Swedes Iron, in One Pound Papers.

Black.

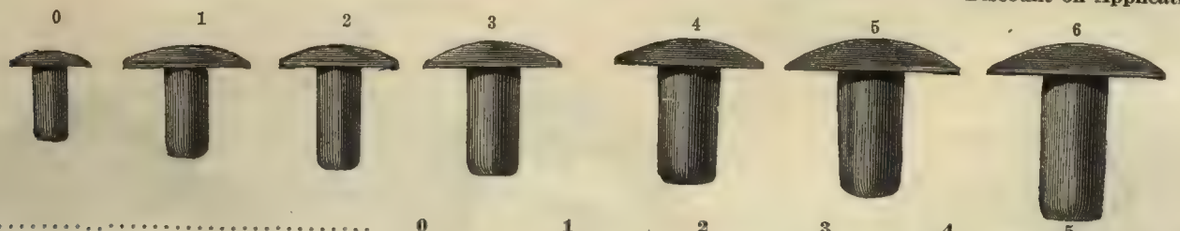
Nos.	6	7	8	9	10
For Rivets, Nos	6	7	8	9	10
Per Pound	$0.42	.43	.44	.45	.47

Tinned.

Nos.	6	7	8	9	10
For Rivets, Nos	6	7	8	9	10
Per Pound	$0.52	.53	.54	.55	.57

Copper Braziers' Rivets.

Discount on Application.



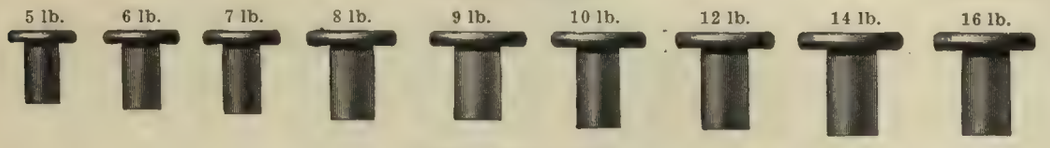
Nos.	0	1	2	3	4	5	6
Length, Inches	3/8	1/2	1/2	5/8	11/16	3/4	13/16
Per Pound	$0.60	.60	.60	.60	.60	.60	.60

Five Pounds in a Box.

Coopers' Rivets.

FLAT HEAD

Discount on Application.



Black Iron, in Bulk.

Pounds	3	4	5	6	7	8	9	10	12	14	16
Per Pound	$0.21	.20	.20	.19	.19	.19	.19	.18	.17½	.17½	.17½

Twenty-five Pounds in a Box.

COUNTERSUNK HEAD, POINTED

Pounds	3	4	5	6	7	8	9	10	12	14	16
Per Pound	$0.21	.20	.20	.19	.19	.19	.19	.18	.17½	.17½	.17½

Twenty-five Pounds in a Box.

Hoop Fasteners.

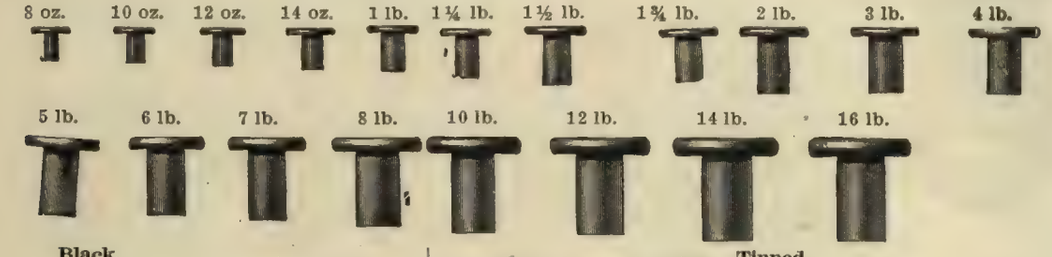
Per Pound

No. 1—Steel Wire, Barbed $0.15

100 Pounds in a Keg.

Tinners' Rivets.

Discount on Application.



Black.

Ounces		8	10	12	14
Per 1000		$0.22	.24	.26	.28
Pounds	1	1¼	1½	1¾	2	2½
Per 1000	$0.29	.32	.37	.41	.44	.56
Pounds	3	3½	4	5	6	7
Per 1000	$0.62	.72	.79	1.00	1.12	1.31
Pounds		8	10	12	14	16
Per 1000		$1.50	1.77	2.06	2.40	2.77

Tinned.

Ounces		8	10	12	14
Per 1000		$0.31	.35	.39	.43
Pounds	1	1¼	1½	1¾	2
Per 1000	$0.47	.54	.64	.72	.79
Pounds	2½	3	3½	4	5
Per 1000	$1.00	1.15	1.34	1.49	1.88
Pounds	6	7	8	10	12
Per 1000	$2.17	2.54	2.90	3.52	4.16

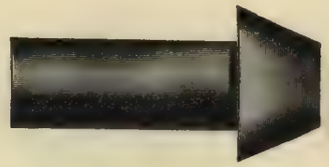
One Thousand in a Package.

Black Iron, in Bulk.

Pounds	1	1¼	1½	1¾	2
Per Pound	$0.28	.25	.24	.23	.22

Twenty-five Pounds in a Box.

Boiler and Structural Rivets.



Cone Head Steel Boiler Rivets.....Per 100 Lbs. Base, $.....

Button Head Steel Structural Rivets.....Per 100 lbs. Base, $.....

Packed 100 Pounds in a Keg.

Standard Classification of Extras.

½ in. diameter x 1 in. Long and Under	Advance, $1.00
½ in. diameter x 1⅛ in. to 1⅞ in. Long Inclusive	Advance, .75
½ in. diameter x 2 in. to 5 in. Long Inclusive	Advance, .50
⅝ in. diameter x 1 in. Long and Under	Advance, .65
⅝ in. diameter x 1⅛ in. to 1⅞ in. Long Inclusive	Advance, .40
⅝ in. diameter x 2 in. to 5 in. Long Inclusive	Advance, .15
¾ in. diameter x 1 in. Long and Under	Advance, .50
¾ in. diameter x 1⅛ in. to 1⅞ in. Long Inclusive	Advance, .25
¾ in. diameter x 2 in. to 5 in. Long Inclusive	Advance, Base
¾ in. diameter x Longer than 5 in	Advance, .25
⅞ in. diameter x 1⅛ in. to 1⅞ in. Long Inclusive	Advance, .25
⅞ in. diameter x 2 in. to 5 in. Long Inclusive	Advance, Base
⅞ in. diameter x Longer than 5 in	Advance, .25
For Less than Full Ke Lots	Advance, .50

STOCK SIZES CONE HEAD BOILER RIVETS

½ x ¾, ⅞, 1, 1⅛, 1¼, 1⅜, 1½, 1⅝, 1¾, 1⅞, 2, 2¼, 2½, 2¾, 3 inch.

⅝ x 1, 1⅛, 1¼, 1⅜, 1½, 1⅝, 1¾, 1⅞, 2, 2¼, 2½, 2¾, 3, 3½, 4 inch

¾ x 1¼, 1⅜, 1½, 1⅝, 1¾, 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 4, 4½, 5, 5½, 6 inch.

⅞ x 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 4, 4¼, 4½, 4¾, 5, 5½, 6 inch.

STOCK SIZES BUTTON HEAD STRUCTURAL RIVETS

½ x ¾, ⅞, 1, 1⅛, 1¼, 1⅜, 1½, 1⅝, 1¾, 1⅞, 2, 2¼, 2½, 2¾, 3 inch.

⅝ x 1, 1⅛, 1¼, 1⅜, 1½, 1⅝, 1¾, 1⅞, 2, 2¼, 2½, 2¾, 3, 3½, 4 inch.

¾ x 1¼, 1⅜, 1½, 1⅝, 1¾, 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 4, 4½, 5 inch.

Milk Can Rivets.

For Side Handles on Factory Milk Cans.

Per Pound

No. 4—½ in. Long, Flat Countersunk Head, Tinned.....$0.25

In Bulk.

Section Rivets.

No. 5.

No. 6.

No. 7.

Flat Countersunk Head.

No. 5—Length, In.....		½	⅝	¾	⅞	1
Per Pound		$0.22	.22	.21½	.21½	.21
No. 6—Length, In.....	⅜	½	⅝	¾	⅞	1
Per Pound	$0.25	.22	.22	.21½	.21½	.21
No. 7—Length, In.....			⅜		½	⅝
Per Pound			$0.25		.23	.23

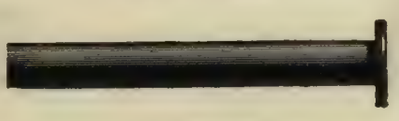
For Reapers and Mowing Machines.

One Pound in a Box.

Iron Rivets.

Discount on Application.

FLAT HEAD



5/16 in. Diameter.

Length, Inches	3/8	7/16	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2
Per Pound	$0.21	.20	.18	.17 1/2	.17

1/4 in. Diameter.

Length, Inches	3/8	1/2, 5/8	3/4, 7/8	1, 1 1/4, 1 1/2, 1 3/4, 2
Per Pound	$0.19	.17	.16 1/2	.16

5/16 in. Diameter.

Length, Inches	3/8	1/2, 5/8	3/4, 7/8	1, 1 1/4, 1 3/8, 1 1/2
Per Pound	$0.18	.16 1/2	.16	.15 1/2

3/8 in. Diameter.

Length, Inches	1/2, 5/8	3/4, 7/8	1, 1 1/4, 1 3/8, 1 1/2
Per Pound	$0.16	.15 1/2	.15

OVAL HEAD

No. 10 Wire Gauge.

Length, Inches	3/8	1/2	5/8	3/4	7/8	1
Per Pound	$0.25	.21	.21	.20 1/2	.20 1/2	.20

No. 9 Wire Gauge.

Length, Inches	3/8	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4
Per Pound	$0.23	.20	.19 1/2	.19

No. 8 Wire Gauge.

Length, Inches	3/8	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4
Per Pound	$0.22	.19	.18 1/2	.18

5/16 in. Diameter.

Length, Inches	3/8	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2
Per Pound	$0.21	.18	.17 1/2	.17

1/4 in. Diameter.

Length, Inches	3/8	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/2
Per Pound	$0.19	.17	.16 1/2	.16

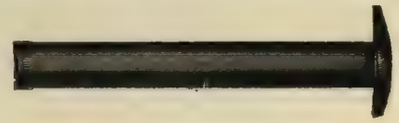
5/16 in. Diameter.

Length Inches	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/2, 5
Per Pound	$0.16 1/2	.16	.15 1/2

3/8 in. Diameter.

Length, Inches	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4, 1 3/8, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 3, 3 1/2, 4, 4 1/2, 5
Per Pound	$0.16	.15 1/2	.15

BROAD OR WAGON BOX HEAD



	Per Pound
5/16 in. Diameter, Lengths 1, 1 1/4 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2 in	$0.17
1/4 in. Diameter, Lengths 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 4 in	.16

CONE HEAD

1/4 in. Diameter.

Length, Inches	1/2, 5/8	3/4	1, 1 1/4, 1 1/2
Per Pound	$0.17	.16 1/2	.16

5/16 in. Diameter.

Length, Inches	1/2, 5/8	3/4, 7/8	1, 1 1/4, 1 1/2
Per Pound	$0.16 1/2	.16	.15 1/2

3/8 in. Diameter.

Length, Inches	1/2, 5/8	3/4, 7/8	1, 1 1/8, 1 1/4, 1 3/8, 1 1/2, 1 5/8, 1 3/4, 1 7/8, 2
Per Pound	$0.16	.15 1/2	.15

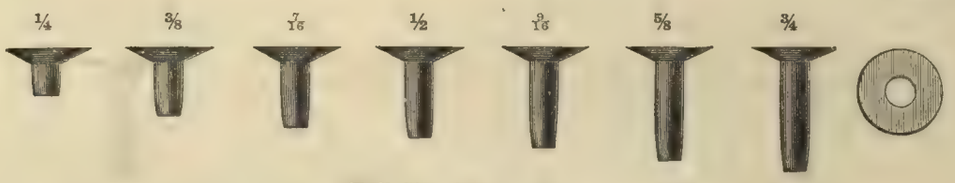
7/16 in. Diameter.

Length, Inches	3/4	7/8	1, 1 1/8, 1 1/4, 1 3/8, 1 1/2, 1 3/4, 1 7/8, 2
Per Pound	$0.15 1/2	.15 1/2	.15

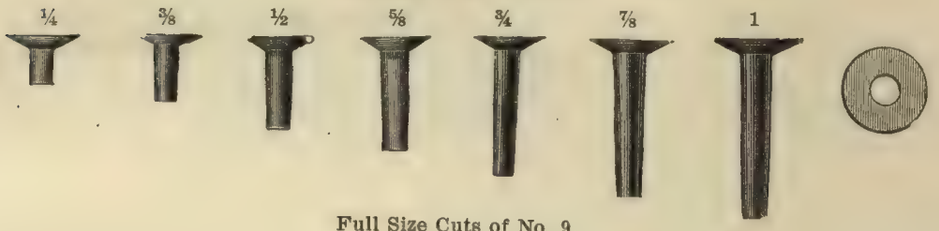
All Above, One Hundred Pounds in a Keg.

Copper Belt Rivets and Burs.

Discount on Application.



Full Size Cuts of No. 8.



Full Size Cuts of No. 9.

In One Pound Boxes.

Uniform Lengths.

	Per Pound
No. 7—Lengths ⅜, 7/16, ½, 9/16, ⅝, ¾, ⅞, 1, 1¼, 1½ in.	$0.49
No. 8—Lengths ¼, ⅜, 7/16, ½, 9/16, ⅝, ¾, ⅞, 1, 1¼, 1½ in.	.50
No. 9—Lengths ¼, ⅜, 7/16, ½, 9/16, ⅝, ¾, ⅞, 1, 1¼ in.	.52
No. 10—Lengths ¼, ⅜, ½, ⅝, ¾, ⅞, 1 in.	.54
No. 12—Lengths ¼, ⅜, ½, ⅝, ¾, ⅞, 1 in.	.58

Assorted Lengths.

	Per Pound
No. 8—Lengths ⅜ to ¾ in.	$0.53
No. 8—Lengths ⅜ to 1 in.	.53
No. 9—Lengths ⅜ to ¾ in.	.55
No. 9—Lengths ⅜ to 1 in.	.55

In Half Pound Boxes.

Uniform Lengths.

	Per Pound
No. 7—Lengths ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½ in.	$0.52
No. 8—Lengths ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½ in.	.53
No. 9—Lengths ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼ in.	.55
No. 10—Lengths ¼, ⅜, ½, ⅝, ¾, ⅞, 1 in.	.57
No. 12—Lengths ¼, ⅜, ½, ⅝, ¾, ⅞, 1 in.	.61

Assorted Lengths.

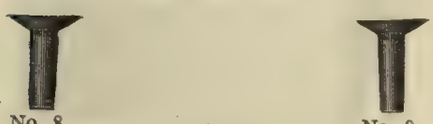
	Per Pound
No. 7—Lengths ⅜ to ¾ in.	$0.55
No. 8—Lengths ⅜ to ¾ in.	.56
No. 9—Lengths ⅜ to ¾ and ⅜ to 1 in.	.58
No. 10—Lengths ⅜ to ¾ in.	.60
No. 12—Lengths ⅜ to ¾ in.	.64

In Quarter Pound Boxes.

	Per Pound
No. 8—Assorted Lengths ⅜ to ¾ in.	$0.58
No. 9—Assorted Lengths ⅜ to ¾ in.	.60

One Dozen Boxes (3 Lb.) in a Carton.

Copper Belt Rivets Only.



No. 8. No. 9.

	Per Pound
No. 7—Lengths ⅜, ½, ⅝, ¾, ⅞, 1 in.	$0.49
No. 8—Lengths ⅜, ½, ⅝, ¾, ⅞, 1 in.	.50
No. 9—Lengths ⅜, ½, ⅝, ¾ in.	.52

Copper Burs Only.

No. 7. No. 8. No. 9.

	Per Pound
No. 7—For No. 7 Rivets	$0.49
No. 8—For No. 8 Rivets	.50
No. 9—For No. 9 Rivets	.52
No. 10—For No. 10 Rivets	.54
No. 12—For No. 12 Rivets	.58

One Pound in a Box.

TABLE SHOWING NUMBER OF COPPER RIVETS AND BURS TO THE POUND

Inches	¼	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	Burs
No. 7	211	171	160	150	140	132	110	97	91	72	63	368
No. 8	266	227	200	172	157	147	136	116	100	88	71	417
No. 9	365	261	248	228	220	184	169	156	133	113	99	600
No. 10	411	336	305	257	249	223	206	180	162	...	...	820
No. 12	545	400	342	325	308	292	257	221	190	...	...	1167

Coppered Iron Belt Rivets and Burs.

Discount on Application.

In Half Pound Boxes.

Uniform Lengths.

	Per Pound
No. 8—Lengths ⅜, ½, ⅝, ¾, ⅞, 1 in.	$0.40
No. 9—Lengths ⅜, ½, ⅝, ¾, ⅞, 1 in.	.41

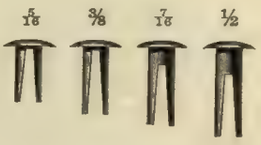
Assorted Lengths.

	Per Pound
No. 8—Assorted ⅜ to ¾ in.	$0.44
No. 9—Assorted ⅜ to ¾ in.	.45

Clinch Rivets.

	Per Dozen Boxes
No. 6—Coppered Steel, Assorted Lengths 5/16, ⅜, 7/16, ½, 9/16, ⅝, 11/16, ¾ in.	$3.80

100 in a Paper Box; One Dozen Boxes in a Paper Carton.



No. 9—Coppered Steel, Uniform Length.

Inches	¼	5/16	⅜
Per Dozen Boxes	$0.80	.80	.90

50 in a Paper Box.

	Per Dozen Boxes
No. 9—Coppered Steel, Assorted Lengths ¼, 5/16, ⅜, 7/16, ½ in.	$1.10

100 in a Paper Box; One Dozen Boxes in a Paper Carton.

Tubular Rivets.

Japanned Iron.

	Per Dozen Boxes
No. 1—Assorted Lengths 5/16, ¼, 5/16, ⅜, 7/16, ½ in., 50 in a Box	$1.10
No. 10—Assorted Lengths 5/16, ¼, 5/16, ⅜, 7/16, ½ in., 100 in a Box	1.90

Coppered Iron.

	Per Dozen Boxes
No. 2—Assorted Lengths 5/16, ¼, 5/16, ⅜, 7/16, ½ in., 50 in a Box	$1.10
No. 20—Assorted Lengths, 5/16, ¼, 5/16, ⅜, 7/16, ½ in., 100 in a Box	1.90

One Dozen Boxes in a Carton.

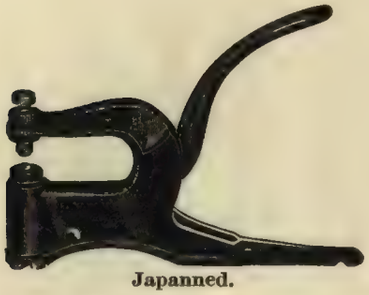
Japanned Iron.

Uniform Lengths, Inches	¼	5/16	⅜	7/16	½	⅝
Per Dozen Boxes	$2.25	2.25	2.45	2.55	2.90	3.35

100 Rivets in a Box; One Dozen Boxes in a Carton.

Riveting Machines.

FARMERS'



Japanned.

Per Dozen

No. 5—3 in. Throat, Cast Iron Frame, Lever Clinching..$7.25

Weight Per Dozen About 27 Pounds.

Open Stock.

GEM

Black Japanned.

Per Dozen

No. 15—6½ in. High, 5½ in. Long, Malleable Iron Frame, Case Hardened Steel Plunger, Will Set No. 1 Tubular and Split Rivets.....$13.35

Weight Per Dozen About 33 Pounds.

One-twelfth Dozen in a Box.

MONARCH

Japanned.

Per Dozen

No. 6—6 in. High, 7 in. Long, Malleable Iron Frame, Will Set Tubular, Split, Shoe or Harness Rivets, Upper Lever Adjusts the Machine Instantly, Lower Lever Sets the Rivet $8.35

Weight Per Dozen About 26 Pounds.

One-quarter Dozen in a Box.

PONY

Japanned.

Per Dozen

No. 25—6½ in. High, Malleable Iron Case, Hardened Steel for Carrying Rivets, Will Working Parts, with Pocket Set Both Tubular and Split Rivets $16.70

Weight Per Dozen About 36 Pounds.

One-twelfth Dozen in a Box.

BEST YET

Japanned.

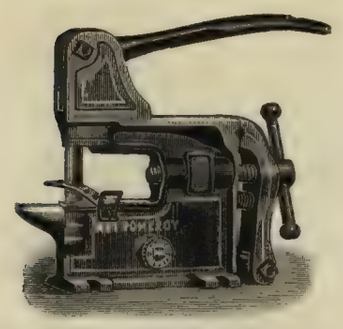
Per Dozen

No. 10—6½ in. High, 6 in. Long, Malleable Iron Frame, Case Hardened Steel Working Parts, with Anvil and Punch for Strap Work, Brass Screw Rivet Box, Will Set No. 1 Rivets, Either Tubular or Split $20.00

Weight Per Dozen About 42 Pounds.

One-twelfth Dozen in a Box.

POMEROY



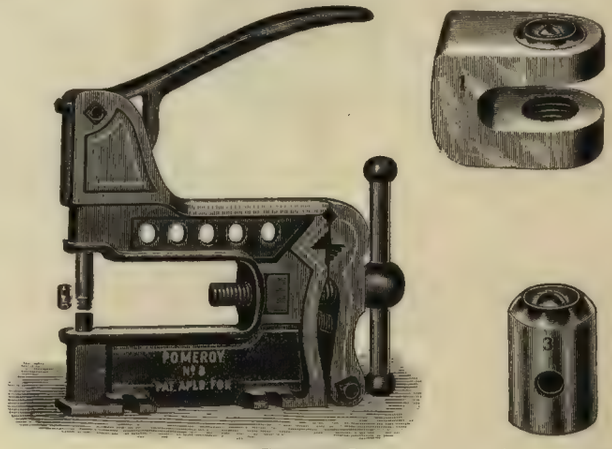
Japanned.

Each

No. 1—7½ in. High, 7 in. Long, Malleable Iron Frame, Steel Working Parts, with Anvil and Vise, Brass Screw Rivet Box, Will Set No. 1 Tubular or Split Rivets $3.00

Weight Each About 6½ Pounds.

One in a Box.



Japanned.

Each

No. 3—9 in. High, 9 in. Long, Malleable Iron Frame, Steel Working Parts, with Nos. 1 and 3 Loop Anvils and Vises, Will Set Nos. 1 or 3 Rivets..$7.80

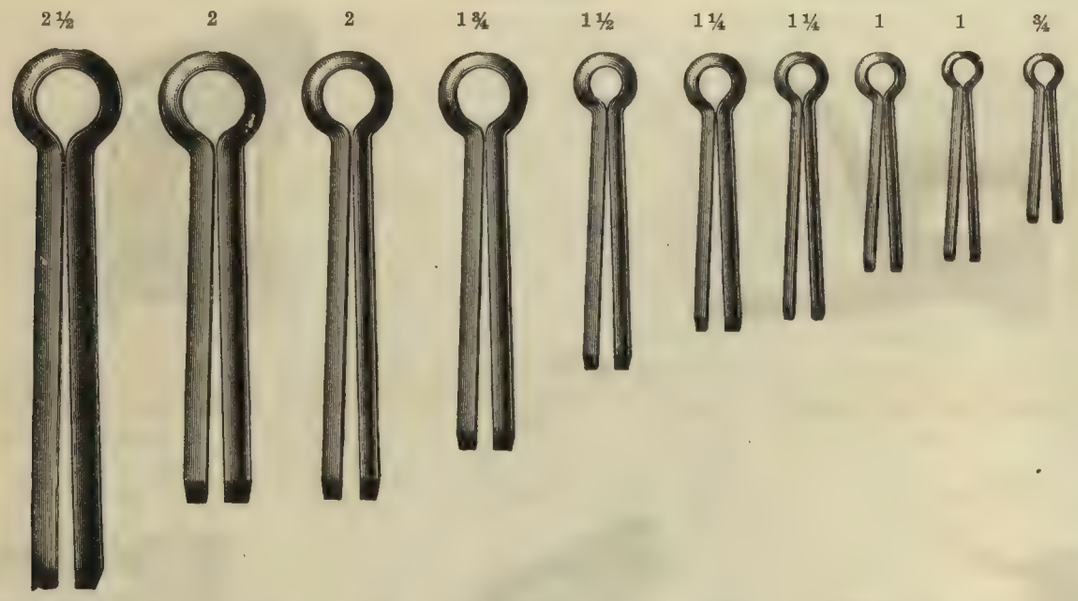
Weight Each About 4¼ Pounds.

One in a Box.

Spring Cotters.

Discount on Application.

Cuts Full Size.



Length, Inches	¾	¾	1	1	1¼	1¼	1¼	1½	1½
Diameter, Inches	3/32	1/16	1/8	5/32	1/8	1/16	¼	5/32	¼
Gauge, Nos.	13	7	11	7	11	7	4	7	4
Per 1000	$4.15	11.10	6.70	12.80	7.55	14.50	23.50	16.20	27.00
Length, Inches	1¾	1¾	2	2	2	2	2½	2½	2½
Diameter, Inches	3/16	¼	5/32	¼	5/32	5/8	5/32	¼	5/32
Gauge, Nos.	7	4	7	4	1	00	7	4	1
Per 1000	$17.90	30.50	19.60	34.00	52.50	86.40	23.00	41.00	62.50
Length, Inches	2½	3	3	3	3	3	3½	3½	3½
Diameter, Inches	3/8	3/16	¼	5/32	3/8	5/8	¼	5/32	3/8
Gauge, Nos.	00	7	4	1	00	..	4	1	00
Per 1000	$100.80	26.40	48.00	72.50	115.20	384.00	55.00	82.50	129.60

NOTE—Spring Cotters are Measured from under the Eye to Point to get the Available Length.

ASSORTED 100 IN A BOX

Per 100

No. 100—Assortment, Consists of Ten Each ¾x3/32 in., 1¾x¼ in., 2x¼ in., 2x5/16 in. and Twenty Each 1x⅛ in., 1¼x3/16 in. and 1½x5/16 in. $2.80

Lock Washers.

Per Box

No. 10—Assortment, Contains 42 Assorted Automobile Sizes of Lock Washers, in Screw Top Tin Box..**$0.60**
Weight Per Box About ¼ Pound.

Gauge Glasses.

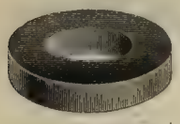
GENUINE SCOTCH

Discount on Application

Length, Inches	10	12	14	16	18
½ in. Diam..Per Dozen,	$3.00	3.60	4.20	4.80	5.40
⅝ in. Diam..Per Dozen,	3.00	3.60	4.20	4.80	5.40
¾ in. Diam..Per Dozen,	3.60	4.32	5.16	5.88	6.60

NOTE—Sizes Given are Outside Diameter.

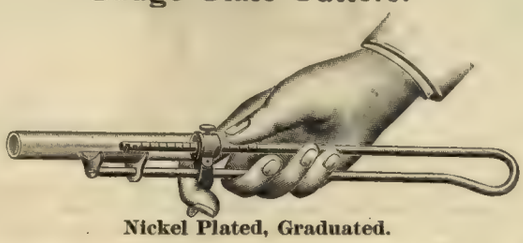
Gauge Glass Gaskets.



Pure Rubber.

For Gauge Glasses, Inches	½	⅝	¾
Per Dozen	$0.25	.25	.25

Gauge Glass Cutters.



Nickel Plated, Graduated.

Each

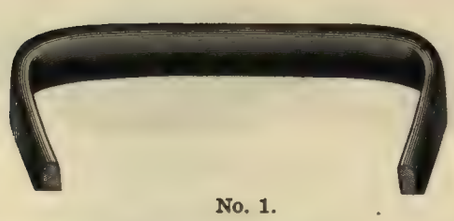
No. 375—Improved Lever Attachment, Large Rest, Highest Grade Diamond Cutter.....**$1.15**
One in a Box.

Belt Hooks.

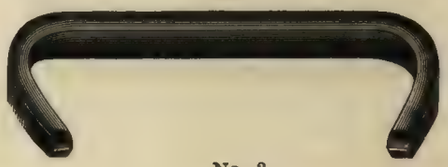
Discount on Application.

POINTED

Cuts Full Size.



No. 1.



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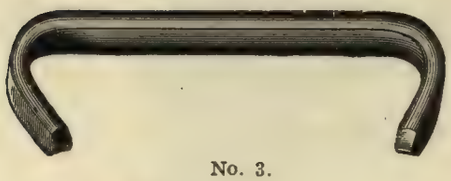

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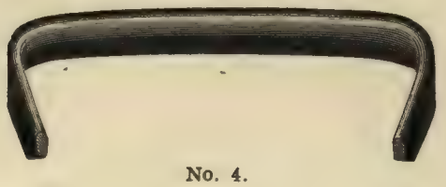

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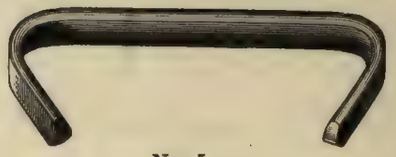


No. 5.

No. 6.

No. 7.

No. 8.

No. 9.

No. 10.

No. 11.

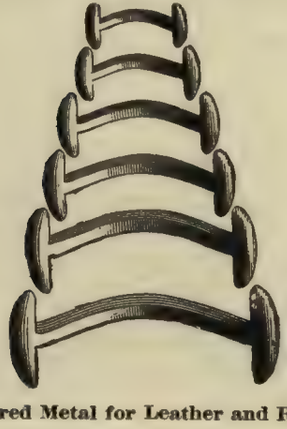
Nos.	1	2	3	4	5	6	7	8	9	10	11
Inches	2 9/16	2 1/2	2 7/16	2 3/8	2 1/8	1 3/4	1 1/2	1 3/8	1 1/8	1	13/16
Per 100	$3.00	2.00	1.60	1.40	1.10	.85	.60	.50	.40	.35	.30

Nos. 1 to 5, One Hundred; Nos. 6 to 8, Two Hundred; Nos. 9 and 10, Three Hundred; No. 11, Five Hundred in a Box.

Improved Belt Studs.

Discount on Application.

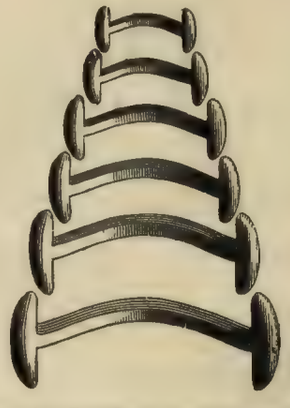
BLAKE'S GENUINE



Specially Prepared Metal for Leather and Rubber Belting.

Nos.	00	0	1	2	3	4
Per 100	$2.50	2.00	1.65	1.25	.90	.80

EMPIRE



Brass, for Leather and Rubber Belting.

Nos.	00	0	1	2	3
Per 100	$2.50	2.00	1.65	1.25	.90

One Hundred in a Box.

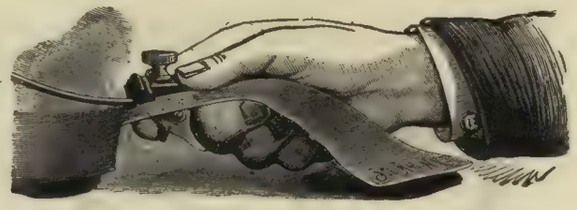
Belt Dressing.

ECLIPSE BAR

	Per Dozen
Eclipse Belt Dressing—Brown, In 1 Lb. Sticks	**$4.50**

The substance is an animal fat (Wool Fat), the grease that is extracted from sheep's wool before woven into cloth.

Lace Cutters.



Elliott's Adjustable.

	Per Dozen
No. 1880—Polished Tool Steel Blade, Japanned Iron Handle, Will Cut Laces from 3/16 to 3/4 in. Wide	**$8.25**

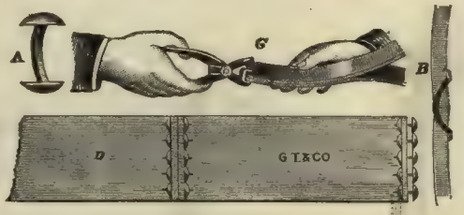
Weight Per Dozen About 1½ Pounds.
One Dozen in a Box.

Belt Awls and Pliers.

	Each
No. 10—Blake's Combined Belt Awls and Pliers	**$0.56**

Weight Each About ¼ Pound.

Belt Cutters.



	Each
No. 15—Blake's Belt Cutters, for Leather Belting	**$1.25**

Weight Each About ½ Pound.

Leather Belt Lacing.

Width, Inches	¼	⅜	½	⅝
Per 100 Feet	**$1.90**	**2.60**	**3.35**	**4.50**

100 Feet in a Package.

Lace Leather.

	Per Square Foot
Rawhide Lace Leather—Best Quality, in Sides	**$0.75**

12 to 20 Square Feet in a Side.

Sheet Packing.

Red Rubber.

	Per Pound
Sheet Packing—1/16 and ⅛ in. Thick, 36 in. Wide	**$1.15**

Metallic Wire Belt Lacing.

	Per 100 Feet
No. 0—For Single Belts, from 1 to 2½ in. Wide, Ap. Weight Per Coil ⅜ Lb	**$0.90**
No. 1—For Single Belts, 5 in. Wide and Under, Ap. Weight Per Coil ½ Lb	**.90**
No. 2—For Single Belts, Over 5 in. Wide and for Double Belts up to 8 in. Wide, Ap. Weight Per Coil ¾ Lb	**.90**
No. 3—For Double Belts, Over 8 in. Wide, Ap. Weight Per Coil ⅞ Lb	**.90**

This Wire Lacing is made from a Metal under a secret process, possessing all the qualifications needed to make it in every respect adapted to the purpose. It is soft and pliable, its tensile strength being 2,000 pounds.

Fifty Feet in a Coil.

Steel Belt Lacing.

No. 1 Style, Assorted Widths, for Leather Belts.

Per Box of 100 Inches

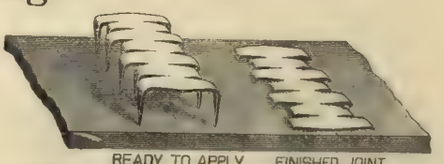
No. 1—For Ordinary Single Leather Belts, from 1/16 to 1/4 in. Thick, App. Weight Per Box 1 Lb. . . . **$1.35**

No. 2—For Extra Heavy and Wide Single Leather Belts, from 1/4 to 5/16 in. Thick, App. Weight Per Box 2 Lbs. . . . **1.80**

No. 3—For Double Leather Belts, from 5/16 to 3/8 in. Thick, App. Weight Per Box 2 3/4 Lbs. . . . **2.25**

Packed in Assorted Widths. Each Box Contains Enough to Lace 100 inches in Widths of Belts.

BRISTOL PATENT



Staggered Point Style, Assorted Widths, for All Kinds of Belts.

Per Box of 100 Inches

No. 110 1/2—For All Kinds of Belts (Ordinary Single Leather Two-Ply Rubber and Cotton Belts on Small Pulleys), from 1/2 to 1/4 in. Thick, App. Weight Per Box 1 1/4 Lbs. . . . **$1.15**

No. 111—For All Kinds of Belts (Ordinary Single Leather, Three-Ply Rubber and Cotton Belts), from 1/16 to 1/4 in. Thick, App. Weight Per Box 1 1/2 Lbs. . . . **1.85**

No. 112—For All Kinds of Belts (Extra Heavy and Wide Single Leather, Four-Ply Rubber and Cotton Belts), from 1/4 to 5/16 in. Thick, App. Weight Per Box 2 1/2 Lbs. . . . **1.80**

Packed in Assorted Widths. Each Box Contains Enough to Lace 100 inches in Width of Belts.

Horse Shoes.

BURDEN'S EASY, IRON

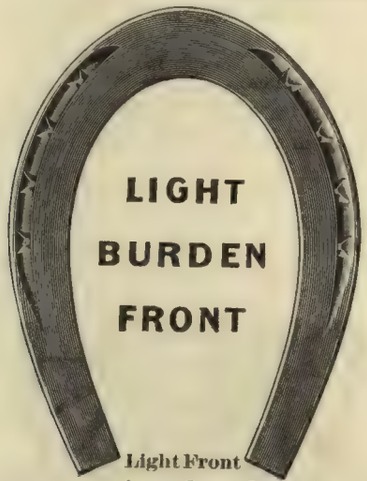
Front. Nos.	1	2	3	4	5	6
Weight Each, Oz.	11	14	18	20	20	27

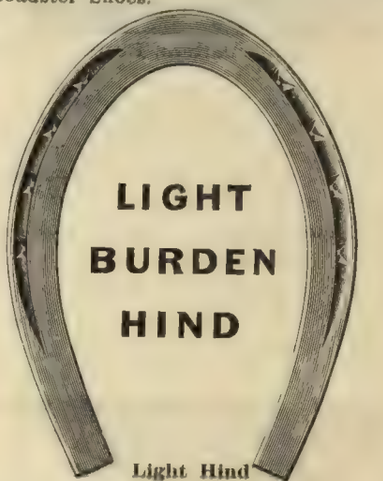
Hind. Nos.	1	2	3	4	5	6
Weight Each, Oz.	10	13	15	18	21	25

No. 2 and Larger, One Size in a Keg . . . . . Per Keg, $. . . . .
Smaller than No. 2 . . . . . Add Per 100 Lbs., .25
For More than One Size in a Keg . . . . . Add Per 100 Lbs., .15

These Shoes can also be used as Snow or Roadster Shoes.

BURDEN'S IRON





Light Front. Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	14	17	21	25	30	35	39

Light Hind. Nos.	1	2	3	4	5	6	7
Weight Each, Oz.	12	14	18	22	27	31	35

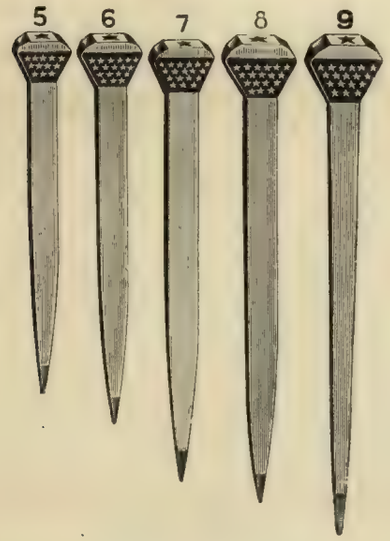
No. 2 and Larger, One Size in a Keg . . . . . Per Keg, $. . . . .
Smaller than No. 2 . . . . . Add Per 100 Lbs., .25
For More than One Size in a Keg . . . . . Add Per 100 Lbs., .15

One Hundred Pounds in a Keg, as Follows: Fore Shoes, Each Size Separate; Hind Shoes, Each Size Separate. Fore and Hind Shoes, Each Size Separate and Assorted, Nos. 1, 2 and 3; 2, 3 and 4; 3, 4 and 5; 5 and 6.

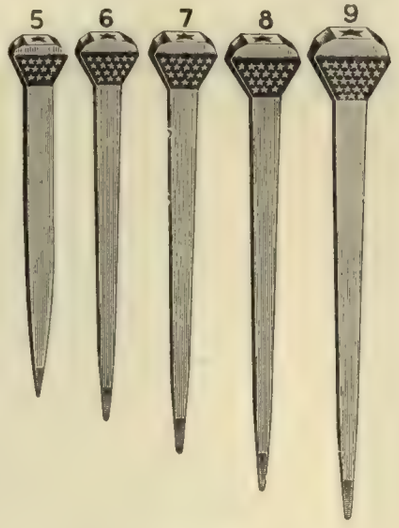
Horse Shoe Nails.

STAR

Cuts Full Size.



Prices on Application.



Patent Finish.

	Small Head.					Large Head.				
Nos.	5	6	7	8	9	5	6	7	8	9
Per Pound	$0.26	.23	.21	.20	.19	$0.26	.23	.21	.20	.19

AJAX

Large Head.

Nos.	5	6	7	8	9
Per Pound	$0.26	.23	.21	.20	.19

Five Pounds in a Paper Box; Twenty-five Pounds in a Wooden Box.

Toe Calks.

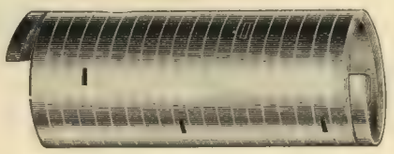
JUNIATA

Steel, Medium Pattern, Regular Length.

Nos.	1	2	3
Size, Inches	1½x$\frac{17}{32}$x$\frac{5}{16}$	1¾x$\frac{21}{32}$x$\frac{11}{32}$	2x¾x$\frac{13}{32}$
Per Pound	$0.09	.09	.09
Nos.	**4**	**5**	**6**
Size, Inches	2¼x$\frac{27}{32}$x$\frac{7}{16}$	2½x$\frac{31}{32}$x$\frac{7}{16}$	2¾x$\frac{15}{16}$x$\frac{17}{32}$
Per Pound	$0.09	.09	.09

Twenty-five Pounds in a Box.

Coil Leather Axle Washers.



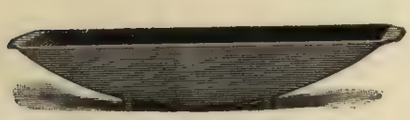
No. 1.

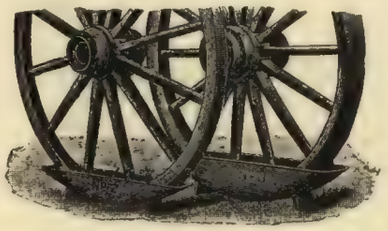
For Axle, Inches	⅞	1	1⅛	1¼
Outside Diameter, Inches	1⅛	1¼	1⅜	1½
Per Hundred	$0.28	.30	.34	.44

Twenty in a Coil; Five Coils in a Box.

Felloe Oilers.

SPERRY'S





Cast Iron. **Each**

No. 1—For Wide Tire Wheels, 34 in. Long, 5 in. Wide, 6 in. Deep, Weight Each About 15 Lbs..... **$2.00**
No. 2—For 2 in. Tire Wheels, 28½ in. Long, 3 in. Wide, 4 in. Deep, Weight Each About 10 Lbs..... **1.15**

Ironed Singletrees.

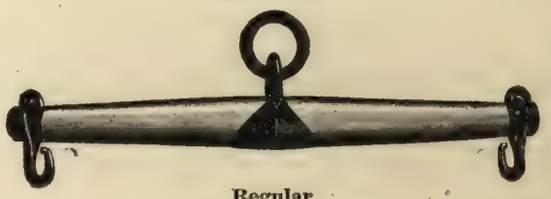
PLOW

Per Dozen

No. 532—30 in., Hickory, Oiled, 7/16 in. Center Clip, 3/8 in. Ring, 1 1/8 in. End Ferrules, 7/16 in. Hooks....**$5.40**

Weight Per Dozen About 35 Pounds.

WAGON



Regular.

Per Dozen

No. 210—2 5/8x36 in., Select Hickory, Oiled, 7/16 in. Center Clip, 7/16 in. Ring, 1 3/8 in. End Ferrules, 3/8 in. Hooks, Weight Per Dozen 67 Lbs....**$ 7.60**

No. 213—3x36 in., Select Hickory, Oiled, 3/4 in. Center Clip, 5/8 in. Ring, 1 3/4 in. End Ferrules, 7/16 in. Hooks, Weight Per Dozen 108 Lbs... **13.35**

WAGON

Direct Pull.

Per Dozen

No. 241—2 3/4x36 in., Select Hickory, Oiled, 5/8 in. Center Clip, 1/2 in. Ring, 1 1/2 in. End Ferrules, 3/8 in. Hooks, Weight Per Dozen 75 Lbs....**$ 9.60**

No. 243—3x38 in., Select Hickory, Oiled, 3/4 in. Center Clip, 5/8 in. Ring, 1 3/4 in. End Ferrules, 7/16 in. Hooks, Weight Per Dozen 106 Lbs... **13.35**

Strapped Ends.

Per Dozen

No. 220—2 5/8x36 in., Select Hickory, Oiled, 1/2 in. Straps, 3/8 in. Hooks, 7/16 in. Center Clip, 7/16 in. Ring, Weight Per Dozen 76 Lbs.....**$ 8.90**

No. 221—2 3/4x36 in., Select Hickory, Oiled, 1/2 in. Straps, 3/8 in. Hooks, 5/8 in. Center Clip, 1/2 in. Ring, Weight Per Dozen 85 Lbs..... **10.25**

Ironed Neckyokes.

Oiled.

Per Dozen

No. 201—2 1/2x40 in., Select Hickory, 1 3/8 in. Ferrules, 3x3/8 in. Rings, No. 78 Center Irons, Weight Per Dozen About 91 Lbs.....**$10.70**

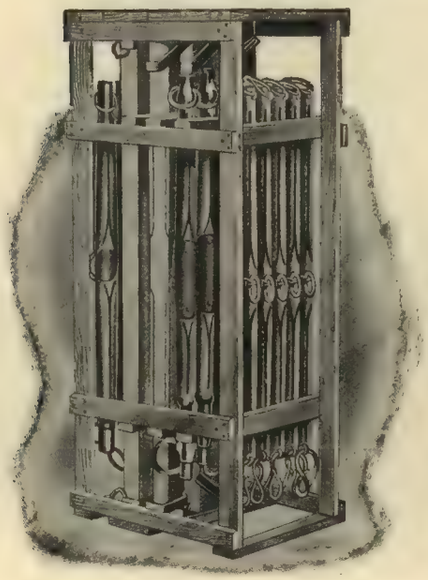
No. 205—3x48 in., Select Hickory, 1 3/4 in. Ferrules, 3 1/4 x 7/16 in. Rings, No. 79 Center Irons, Weight Per Dozen About 130 Lbs..... **17.80**

Ironed Eveners.

Oiled.

Per Dozen

No. 275—2x4x48 in., Select Hickory, Top Plate 2x6 in., Bottom Plate 3x6 in., Riveted on, Ends Riveted, Malleable Clevises, **without Eye Bolts for Stay Chain,** Weight Per Dozen About 165 Lbs.....**$12.70**



Wagon Sets.

HEIDER

Painted, Striped and Varnished.

One Set Consists of One Doubletree, 2x4x48 in., with Steel Top and Bottom Plates, Riveted Through, Steel Lock Pin Clevis with Clip and Stay Chain Ring, Wood Riveted at Each End, Two Singletrees, 2 5/8x36 in., with Welded Center Clips and Rings, Put on Hot; Malleable Ferrules with Steel Hooks, One Neckyoke, 2 5/8x40 in., with Steel Center Irons and Malleable Ferrules with Steel Ring, All Hickory Woods, Ironed.

Per Crate

No. 161-P—Crate Contains Six Sets as Described Above.....**$25.60**

F. O. B. Factory, Carroll, Iowa..... **24.50**

Weight Per Crate About 225 Pounds.

Ironed Wagon Eveners.

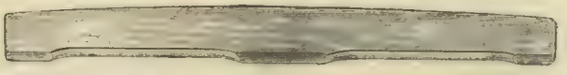
Select Hickory, Oiled and Painted.

Per Dozen

No. 280—2x4x48 in., Bottom Plate 3x6 in., Ends Riveted, Holes Bored for Clevises, without Clevises and Eye Bolts **$12.90**

Weight Per Dozen About 160 Pounds.

Finished Wagon Eveners.



Finished, Selected Hickory.

Inches	2x4x48	2x4½x48	2¼x5x50
Wt. Per Dozen About, Lbs.	138	164	202
Per Dozen	$9.15	12.00	14.70

Whiffletree Woods.

Oval Hickory.

Inches	2½x36	2¾x38	3x38
Weight Per Dozen About, Lbs.	37	49	60
Per Dozen	$3.60	4.70	6.25

Wagon Neckyoke Woods.

Hickory.

Inches	2½x38	2⅝x40	3x48
Weight Per Dozen About, Lbs.	50	53	62
Per Dozen	$4.90	5.60	11.60

Hoisting Singletrees.

Each

No. 1100—Prevents Whiffletree from Dragging on the Horse's Heels **$1.80**

Weight Each About 6½ Pounds.

No. 1100.

Anti-Rattlers.

Per Dozen Pairs

No. 1—**Acme**, with Bolt Holder, Three Piece, Riveted, Oil Tempered Steel Spring, Blued **$1.70**

Weight Per Dozen Pairs About 3 Lbs.

Per Dozen Pairs

No. 1½—**Acme**, with Bolt Holder, Two Piece, Riveted, Oil Tempered Steel Spring, Blued **$0.80**

Weight Per Dozen Pairs About 2½ Lbs.

Per Dozen Pairs

No. 5—**Fernald's Quick Shift**, with Bolt Holder, Steel Baked in Japan, for ⅜ in. Bolt..... **$4.50**

No. 6—Same Description as No. 5, but for $\frac{7}{16}$ in. Bolt..... **4.50**

Weight Per Dozen Pairs About 8 Lbs.

Whiffletree Irons.

FERRULES AND HOOKS

To Pull Over Ferrule.
Malleable Iron Ferrule, Wrought Iron Hook.

Nos.	55	56	57
Dia. Ferrule, Sm. End, In..	1¾	1½	1⅜
Dia. Ferrule, Lge. End, In.	1⅞	1⅝	1½
Thickness of Hook, In...	$\frac{7}{16}$	$\frac{7}{16}$	⅜
App. Wt. Each, Lbs.....	1	⅞	⅝
Each	$0.20	.16	.12

To Pull from Ferrule.
Malleable Iron Ferrule, Wrought Iron Hook.

Nos.	60	61
Dia. Ferrule, Small End, In..	1¾	1½
Dia. Ferrule, Large End, In..	1⅞	1⅝
Thickness of Hook, Inches..	$\frac{7}{16}$	$\frac{7}{16}$
App. Weight Each, Lbs.....	1	1
Each	$0.24	.19

ROUND FERRULED SAFETY CLIPS

Malleable Iron.

Nos.	F2	F3	F4
Diam. Ferrule, Inches	$1\frac{7}{16}$	1⅝	$1\frac{13}{16}$
Length Ferrule, Inches	1¾	2	2
App. Wt. Dozen, Lbs.	4	5	6
Per Dozen	$3.70	4.10	4.50

CENTER CLIPS AND RINGS

Wrought Iron, Welded.

Nos.	34	36
Clip, Inches	¾	⅝
Ring, Inches	⅝	½
Approx. Weight Each, Lbs....	2¼	1¼
Each	$0.26	.17

Neckyoke Irons.

END FERRULES AND RINGS

Malleable Iron Ferrule, Wrought Iron Ring.

Nos.	80	81	82
Diam. Ferrule, Small End, In.	1¾	1½	1⅜
Diam. Ferrule, Large End, In.	1⅞	1⅝	1½
Size of Ring, Inches	3¼ x 7/16	3x 7/16	3x⅝
Ap. Weight Each, Lbs.	⅞	¾	⅝
Each	$0.19	.15	.12

CENTER PLATES AND RINGS

Wrought Iron.

Nos.	78	79	79½
Size of Ring, Inches	3¼ x 9/16	3½ x ⅝	4x ⅝
Size of Eye, Inches	7/16	½	½
Size of Link, Inches	¾	7/16	9/16
Ap. Weight Each, Lbs.	2¼	3	3⅛
Each	$0.32	.39	.45

Wagon Box Strap Bolts.

Discount on Application.

Wrought Iron.

Length, Inches	10	12	12	14	10
Diam. Bolt, Ends, In.	½	½	9/16	9/16	⅝
Ap. Wt. Per Set, Lbs.	3¾	4½	5½	6¾	6
Per Set of Eight	$0.95	1.05	1.15	1.25	1.00

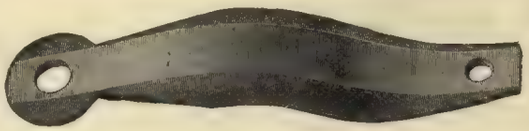
Length, Inches	12	14	16	18
Diam. Bolt, Ends, In.	⅝	⅝	⅝	⅝
Ap. Wt. Per Set, Lbs.	6¾	8¼	9¼	9½
Per Set of Eight	$1.15	1.30	1.45	1.60

Side Braces.

Length, Inches	10	12	14	15½	12
Thickness, Inches	7/16	7/16	7/16	7/16	½
Ap. Wt. 100, Lbs.	62	64	71	77	80
Per 100	$14.00	14.00	15.00	16.00	16.50

Length, Inches	14	15½	15½	15½
Thickness, Inches	½	½	9/16	⅝
Ap. Wt. 100, Lbs.	92	100	130	195
Per 100	$18.00	19.50	23 00	28.25

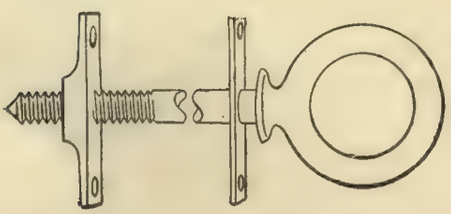
Hammer Straps.



No. 123—Wrought Iron, Heavy Pattern, 8½ in. Center to Center of Hole ..... Each $0.13

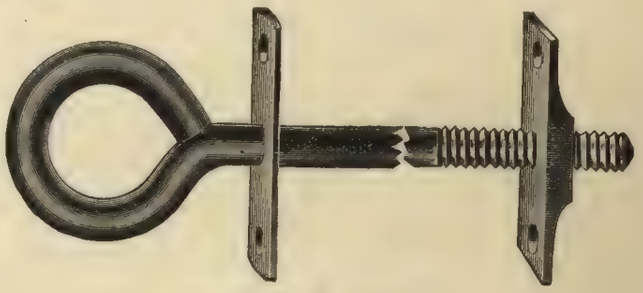
Weight Each About 1½ Pounds.

Wagon Box Rods.



Victor Solid Forged Collar.

Nos.	129	130¼
Length, Inches	39	39
Diameter, Inches	⅜	7/16
Ap. Weight Each, Lbs.	1½	1¾
Each	$0.15	.21



Narrow Track, Common.

No.	131
Length, Inches	39
Diameter, Inches	⅜
Ap. Weight Each, Lbs.	1½
Each	$0.15

Seat Springs.

Riveted Head, Oil Tempered, Painted Red.

	Per Pair
No. 2—Two Leaf, 26 in. Long, 1½ in. Wide, Weight Per Pair About 12 Lbs.	$1.00
No. 3—Three Leaf, 28 in. Long, 1½ in. Wide, Weight Per Pair About 14 Lbs.	1.56

Seat Spring Hooks.

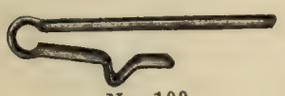
No. 8.

Wrought Iron.

	Per Pound
No. 8—3 in.	$0.12

Open Stock.

Pole Caps.



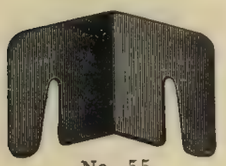
No. 109.

Heavy Pattern, Wrought Iron.

	Each
No. 109—18 in. Long, 2 in. Wide, with Hold Back.	$0.21

Weight Each About 1⅝ Pounds.

Assembling Corners and Plates.



No. 55.

No. 60.

Steel, Japanned.

	Per Gross
No. 55—Assembling Corners, 1½x1¼ in.	$3.35
No. 60—Assembling Plates, 2¼ in. Long, 1¼ in. Wide.	3.35

For Putting Up Storm Houses, Porch Screens and Portable Screen Cottages, or Stiffening Box Corners, etc.

Weight Per Gross About 7 Pounds.

Whiffletree Hooks.

PREMIUM

Malleable Iron, Japanned.

Size, Inches	⅞	1	1⅛	1¼	1⅜	1½
Wt. Doz. Pairs Abt., Lbs.	7¾	13	20	25	32	40
Per Dozen Pairs	$4.50	4.50	5.20	5.85	6.75	7.65

One-half Dozen Pairs in a Box.

Shaft Ends.

	Per Single Dozen
No. 50—Buggy Size, Reversible, Double Tube, Japanned, with Nickel Shaft Tip, Weight Per Dozen About 18 Lbs.	$6.15
No. 100—Surrey Size, Reversible, Double Tube, Japanned, with Nickel Shaft Tip, Weight Per Dozen About 21 Pounds.	8.35

For Repairing Broken Shafts. They consist of Two Thick Steel Tubes, the Inner Tube having a Hickory Filler.

Wagon Rub Irons.

No. 155.

Wrought Iron.

	Each
No. 155—5½ in. Long, 2½ in. Wide.	$0.10

Weight Each About ⅞ Pound.

Corner Braces.

No. 97½—Wrought Steel, Plain.

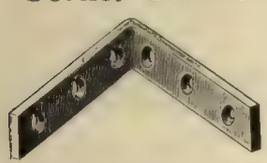
Size, Length of Each Side, Inches	1	1⅝	2¼
Width, Inches	1	1½	1¾
Approx, Weight Per Dozen, Lbs.	½	1¼	2¼
Per Dozen	$0.37	.40	.54

No. 97½J—Wrought Steel, Japanned.

Size, Length of Each Side, Inches	1	1⅝	2¼
Width, Inches	1	1½	1¾
Approx, Weight Per Dozen, Lbs.	½	1¼	2¼
Per Dozen	$0.48	.54	.67

Two Dozen in a Box.

Corner Braces.



No. 997—Wrought Steel, Plain.

Size, Inches	1½x½	2x⅝	2½x⅝
Ap. Wt. Dz., Lbs.	½	1	1⅜
Per Dozen	$0.17	.23	.28

Size, Inches	3x¾	4x⅞
Ap. Wt. Dz., Lbs.	2¼	3
Per Dozen	$0.35	.56

3 in. and Smaller, Two Dozen; 4 in., One Dozen in a Box.

Corner Irons.

No. 999—Flat, Wrought Steel, Plain.

Length of Side, In.	2	2½	3
Width, Inches	⅜	½	½
App. Wt. Doz., Lbs.	5/16	½	⅝
Per Dozen	$0.23	.25	.27

Length of Side, In.	3½	4	5
Width, Inches	⅝	⅝	1
App. Wt. Doz., Lbs.	1	1⅛	2¼
Per Dozen	$0.33	.35	.54

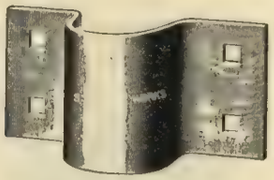
Two Dozen in a Box.

No. 996—Wrought Steel, Plain.

Length of Side, In.	4½	4½	4½
Width, Inches	¾	⅞	1
App. Wt. Doz., Lbs.	2	2¼	2½
Per Dozen	$0.45	.50	.60

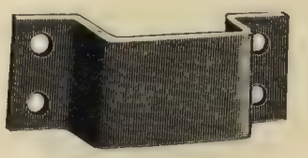
Two Dozen in a Box.

Wagon Stake Irons.



Wrought Steel.

Nos.	9933	9934
Width, Inches	2⅝	3¾
For Stakes, Inches	2	2
Per Pound	$0.14	.14



Pressed Steel.

Nos.	75	76	77	78
Size, Inches	6x1½	6x2	6x2½	6x3
Pocket, Inches	1¾x3	1¾x3	1¾x3	1¾x3
Ap. Weight Each, Lbs.	⅞	1 1/16	1⅛	1¼
Each	$0.14	.16	.18	.20

Mending Plates.

No. 995—Wrought Steel.

Length, Inches	2	2½	3	3½	4
Width, Inches	⅝	⅝	¾	¾	⅞
Ap. Wt. Dozen, Lbs.	1	1½	2	2½	3
Per Dozen	$0.23	.27	.32	.35	.40

Two Dozen in a Box.

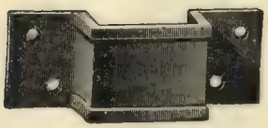
Bar Staples.

No. 1230—Wrought Steel.

Width, Inches	1½	2
Length Sides, Inches	2½	2½
Projection, Inches	2	2
Ap. Weight Per Dozen, Lbs.	8	12
Per Dozen	$1.15	1.60

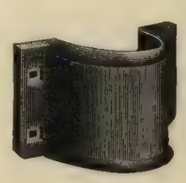
Malleables.

EXPRESS STAKE IRONS



Nos. 5995B and 5995C.

Nos.	5995B	5995C
For Staples, Inches	1½x2¾	1½x3
Depth, Inches	2¾	2¾
Length Over All, Inches	7¼	7½
Per Pound	$.....	.....



No. 6010F.

WAGON STAKE IRONS

No.	6010F
For Staples, Inches	1⅞x2⅛
Depth, Inches	2¾
Per Pound	$.....

CORNER IRONS

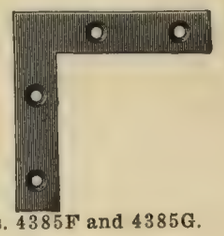
Nos. 4380A and 4380B.

Beveled Edge.

Nos.	4380A	4380B
Width, Inches	⅝	¾
Length, Inches	3½	3½
Per Pound	$.....	.....

Square Edge.

Nos.	4385F	4385G
Width, Inches	¾	⅞
Length, Inches	3½	4
Per Pound	$.....	.....



Nos. 4385F and 4385G.

CORNER IRONS

No. 4455B.

No.	4455B
Width, Inches	¾
Length, Inches	5x5
Per Pound	$.....

SEAT CORNER IRONS

No. 4410B.

No.	4410B
Width, Inches	1 1/16
Length, Inches	2⅝
Per Pound	$.....

Malleables.

WHIFFLETREE COCKEYES

Cast Threads.

Nos.	70A	70B
Screw Shank, Inches	⅜	7/16
Length, Inches	3	3¼
Per Pound	$	

WHIFFLETREE HOOKS

Oval Ferrules, in Pairs Right and Left.

Nos.	125A	125B
Small End, Diameter, Inches	1¼ x1⅜	1¼ x1 5/16
Large End, Diameter, Inches	1 5/16 x1 7/16	1 7/16 x1 11/16
Depth, Inches	1⅛	2⅛
Length, Inches	4¼	4¾
Per Pound	$	

DOUBLETREE STAPLES

Threaded, with Nuts.

No.	215B	215C
Center to Center, Inches	3¼	3¼
Length of Shank, Inches	5	6
Diameter of Shank, Inches	½	½
Entire Length, Inches	7¾	8¾
Per Pound	$	

WHIFFLETREE BRACES

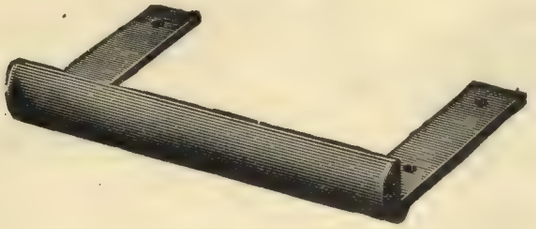
No.	640C
Inside, Inches	3¾
For Bolt, Inches	⅜
Per Pound	$

SEAT SPRING HOOKS

No.	5920C
Length, Inches	3½
Per Pound	$

Has 1 in. Hook at one end and 1½ in. Hook at other end.

WEAR IRONS



For Lumber Wagons.

No.	1680
Length, Inches	7
Width, Inches	4
Flange, Inches	1
Per Pound	$

THUMB NUTS

Blank, Low Pattern.

Nos.	5490A	5490B	5490C
Hole, Inches	¼	5/16	⅜
Height, Inches	11/16	¾	⅞
Per Pound	$		

Tapped, U. S. Standard Threads.

For Bolts, Inches	¼	5/16	⅜	7/16	½
Per 100	$				

PICKET PINS

Fluted Pattern.

	Per Dozen
No. 50—15½ in. Long Over All, Japanned, with Swivel.	$1.90

Malleables.

LARIAT SWIVELS

Nos.	7720B	7720C
Length, Inches	3	3 1/8
Eye, Inches	5/8	3/4
Per Pound	$.....	.....

CHAIN SWIVELS

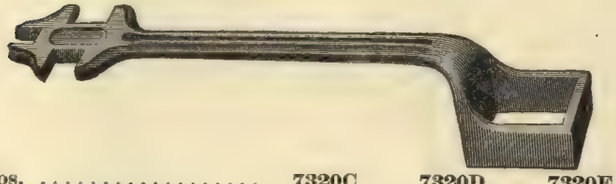
Light Pattern.

Nos.	7710B	7710D
Length, Inches	2 1/2	2 7/8
Eye, Inches	1/2	3/8
Per Pound	$.....	.....

Heavy Pattern.

Nos.	7715H	7715C	7715D
Length, Inches	3 3/4	4 1/4	4 3/4
Eye, Inches	1/2	1/2	5/8
Per Pound	$.....	.....	.....

WRENCHES



Nos.	7320C	7320D	7320E
For Axle Nuts, Inches	1	1 1/8	1 1/4
Opening, Inches	1/2, 5/8, 3/4	1/2, 5/8, 3/4	1/2, 5/8, 3/4
Length, Inches	9 1/2	10	10
Per Pound	$.....	.....	.....

Nos.	7345C	7345A
Opening, Inches	1/8, 3/8, 1/2 & 3/4, 7/8, 1 1/8	1/2, 5/8, 3/4 & 7/8, 1, 1 1/4
Length, Inches	9	10 1/2
Per Pound	$.....	.....

CLEVISES

Nos. 395 to 431.

Doubletree, Oval Band Pattern, with Screw Pin.

Nos.	395	410	420
Width Inside, Inches	2	2 1/2	2
Entire Length, Inches	4 1/2	4 1/2	6
Per Pound	$.....	.....	.....
Nos.	**427**	**430**	**431**
Width Inside, Inches	2 1/4	2 1/2	3
Entire Length, Inches	6	6	8
Per Pound	$.....	.....	.....

Doubletree, Round Pattern, with Screw Pin.

Nos.	480	500
Width Inside, Inches	2	2
Entire Length, Inches	4 1/2	5 1/4
Per Pound	$.....	.....

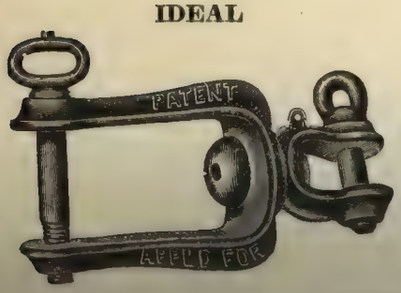
Doubletree, Ribbed Pattern, with Screw Pin.

No.	368
Width Inside, Inches	2 1/4
Entire Length, Inches	5 1/2
Per Pound	$.....

Malleables.

CLEVISES

IDEAL



Per Dozen

No. 2839—2⅜ in. Wide Inside, 4 in. in Clear from Center of Pin, ¾ in. Swivel Clevis Opening, with Screw Pin...$4.50

IDEAL, SWIVEL HINGE HOOK

Per Dozen

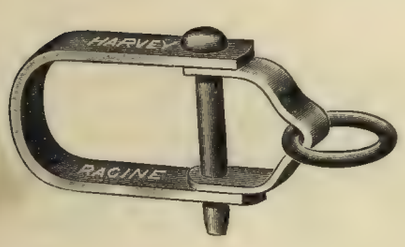
No. 2839½—6¾ in. Long Over All, ½ in. Opening of Hook, ¾ in. Opening of Swivel Clevis $3.90

EVENER, SWIVEL HOOK

Per Pound

No. 2831—For 2½ in. Beam, 4 in. Clear in Length, 9¼ in. Entire Length, with Swivel Hook .....$

STEEL CLEVISES



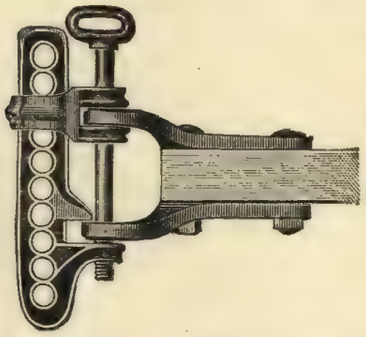
Steel, Lock Pin.

Per Dozen

No. 151—4¾ in. Long Over All, 2 in. Opening, with Lock Pin and Ring.....$1.35

Weight Per Dozen About 10 Pounds.

STOWELL'S CROSS CLEVISES



Per Dozen

No. 23—8½ in. Cross Bar, 10 Holes, Weight Complete 2 Lbs. $4.50

Can be adjusted to fit any size of Wood or Steel Beam, saves carrying a large stock of various sizes of Cross Clevises, uses a Screw instead of a Linch Pin and requires only one Pin instead of two.

CLEVISES

End, with Screw Pin.

No.	173
Width Inside, Inches	1
Entire Length, Inches	4
Per Pound	$

Twisted End, with Screw Pin.

No.	177
Width Inside, Inches	¾
Entire Length, Inches	4
Per Pound	$

SWIVEL SHACKLE

Per Dozen

No. 2824—4⅝ in. Long, ¾ in. Opening, ½ in. Eye...$

PLOW LINKS

Per Pound

No. 2800A—3 in. Long, 1⅜ in. Wide Inside.....$

Weights and Tables.

ESTIMATED WEIGHT OF FLAT IRON, PER LINEAL FOOT, IN POUNDS

Width, Inches	Thickness in Inches.											
	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
1/2	.....	.24	.32	.42	.53	.63	.74	.85	1.06	1.26	1.48	1.69
5/8	.....	.28	.39	.53	.66	.79	.92	1.06	1.32	1.58	1.85	2.11
3/4	.....	.32	.47	.64	.79	.95	1.11	1.27	1.58	1.90	2.21	2.54
7/8	.....	.37	.55	.74	.92	1.11	1.29	1.48	1.84	2.21	2.59	2.96
1	.21	.41	.62	.83	1.04	1.25	1.46	1.67	2.08	2.50	2.92	3.33
1 1/8	.23	.47	.70	.94	1.17	1.41	1.64	1.87	2.34	2.81	3.28	3.75
1 1/4	.26	.52	.78	1.04	1.30	1.56	1.82	2.08	2.60	3.12	3.65	4.17
1 3/8	.29	.57	.86	1.14	1.43	1.72	2.01	2.29	2.86	3.44	4.01	4.58
1 1/2	.31	.62	.94	1.25	1.56	1.87	2.19	2.50	3.12	3.75	4.37	5.00
1 5/8	.34	.68	1.01	1.35	1.69	2.03	2.37	2.71	3.38	4.06	4.74	5.42
1 3/4	.36	.73	1.09	1.46	1.82	2.19	2.55	2.92	3.64	4.37	5.10	5.83
1 7/8	.39	.78	1.17	1.56	1.95	2.34	2.73	3.12	3.90	4.69	5.47	6.25
2	.42	.83	1.25	1.67	2.08	2.50	2.92	3.33	4.16	5.00	5.83	6.67
2 1/4	.47	.94	1.40	1.87	2.34	2.81	3.28	3.75	4.69	5.62	6.56	7.50
2 1/2	.52	1.04	1.56	2.09	2.60	3.12	3.65	4.17	5.21	6.25	7.29	8.33
2 3/4	.57	1.14	1.72	2.29	2.86	3.44	4.01	4.58	5.73	6.88	8.02	9.17
3	.62	1.25	1.87	2.50	3.12	3.75	4.37	5.00	6.25	7.50	8.75	10.00
3 1/4	.68	1.35	2.03	2.70	3.38	4.06	4.74	5.42	6.77	8.12	9.48	10.83
3 1/2	.73	1.46	2.19	2.91	3.65	4.37	5.10	5.83	7.29	8.75	10.21	11.67
3 3/4	.78	1.56	2.34	3.12	3.91	4.69	5.47	6.25	7.81	9.37	10.93	12.50
4	.83	1.66	2.50	3.33	4.17	5.00	5.83	6.67	8.33	10.00	11.65	13.33
4 1/4	.88	1.77	2.66	3.54	4.43	5.31	6.20	7.08	8.85	10.62	12.40	14.15
4 1/2	.94	1.87	2.81	3.75	4.69	5.62	6.56	7.50	9.37	11.25	13.12	15.00
4 3/4	.99	1.98	2.97	3.96	4.95	5.94	6.93	7.92	9.89	11.87	13.85	15.83
5	1.04	2.08	3.12	4.17	5.21	6.25	7.29	8.33	10.42	12.50	14.59	16.65
5 1/4	1.10	2.19	3.28	4.37	5.47	6.56	7.66	8.75	10.93	13.30	15.30	17.50
5 1/2	1.14	2.29	3.44	4.58	5.73	6.83	8.02	9.17	11.45	13.75	16.03	18.83
5 3/4	1.20	2.39	3.59	4.79	6.00	7.19	8.39	9.58	11.99	14.37	16.77	19.15
6	1.25	2.50	3.75	5.00	6.25	7.50	8.75	10.00	12.50	15.00	17.50	20.00

ESTIMATED WEIGHT OF SQUARE IRON, PER LINEAL FOOT, IN POUNDS

Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.
1/16	.013	13/16	2.22	1 9/16	8.20	2 5/8	23.10	4 1/8	57.20
1/8	.053	7/8	2.58	1 5/8	8.85	2 3/4	25.20	4 1/4	60.75
3/16	.118	15/16	2.95	1 11/16	9.57	2 7/8	27.50	4 3/8	64.35
1/4	.210	1	3.35	1 3/4	10.30	3	30.05	4 1/2	68.00
5/16	.320	1 1/16	3.80	1 13/16	11.05	3 1/8	32.75	4 5/8	72.00
3/8	.474	1 1/8	4.25	1 7/8	11.83	3 1/4	35.50	4 3/4	75.65
7/16	.645	1 3/16	4.73	1 15/16	12.62	3 3/8	38.25	4 7/8	79.80
1/2	.84	1 1/4	5.25	2	13.40	3 1/2	41.15	5	83.80
9/16	1.06	1 5/16	5.78	2 1/8	15.15	3 5/8	44.15	5 1/4	92.50
5/8	1.31	1 3/8	6.35	2 1/4	17.00	3 3/4	47.20	5 1/2	101.00
11/16	1.59	1 7/16	6.95	2 3/8	18.50	3 7/8	50.25	5 3/4	110.50
3/4	1.80	1 1/2	7.50	2 1/2	25.50	4	53.75	6	120.25

ESTIMATED WEIGHT OF ROUND IRON, PER LINEAL FOOT, IN POUNDS

Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.	Inches.	Pounds.
1/16	.010	13/16	1.74	1 9/16	6.45	2 5/8	18.10	4 1/8	44.85
1/8	.041	7/8	2.02	1 5/8	6.98	2 3/4	19.85	4 1/4	47.54
3/16	.092	15/16	2.32	1 11/16	7.52	2 7/8	21.50	4 3/8	50.33
1/4	.165	1	2.62	1 3/4	8.05	3	23.70	4 1/2	53.32
5/16	.257	1 1/16	2.98	1 13/16	8.65	3 1/8	25.55	4 5/8	56.34
3/8	.371	1 1/8	3.34	1 7/8	9.25	3 1/4	27.81	4 3/4	59.44
7/16	.505	1 3/16	3.73	1 15/16	9.90	3 3/8	29.85	4 7/8	62.62
1/2	.657	1 1/4	4.12	2	10.55	3 1/2	32.25	5	65.88
9/16	.835	1 5/16	4.55	2 1/8	11.90	3 5/8	34.45	5 1/4	72.65
5/8	1.031	1 3/8	5.00	2 1/4	13.30	3 3/4	37.10	5 1/2	79.75
11/16	1.24	1 7/16	5.50	2 3/8	14.75	3 7/8	39.50	5 3/4	87.20
3/4	1.48	1 1/2	5.95	2 1/2	16.40	4	41.95	6	95.00

Weights and Tables.

ESTIMATED WEIGHT OF FLAT STEEL, PER LINEAL FOOT, IN POUNDS

WIDTH, INCHES	THICKNESS IN INCHES.										
	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
1/2	.105	.211	.316	.422	.527	.634	.738	.....	.....	.....	.....
5/8	.132	.264	.396	.528	.66	.792	.924	1.066	.....	.....	.....
3/4	.158	.316	.474	.633	.791	.95	1.107	1.28	1.60	.....	.....
7/8	.184	.369	.553	.738	.922	1.108	1.291	1.50	1.857	2.232	.....
1	.211	.422	.633	.845	1.056	1.267	1.478	1.706	2.133	2.559	3.005
1 1/8	.237	.475	.712	.95	1.187	1.425	1.662	1.919	2.399	2.879	3.84
1 1/4	.264	.528	.792	1.056	1.32	1.584	1.848	2.133	2.666	3.200	4.266
1 3/8	.290	.58	.87	1.161	1.451	1.742	2.031	2.346	2.933	3.519	4.693
1 1/2	.316	.633	.949	1.266	1.582	1.9	2.215	2.560	3.199	3.840	5.119
1 5/8	.343	.686	1.029	1.372	1.715	2.050	2.401	2.773	3.466	4.160	5.546
1 3/4	.369	.739	1.108	1.479	1.848	2.218	2.587	2.986	3.733	4.479	5.973
1 7/8	.396	.792	1.188	1.584	1.98	2.376	2.772	3.151	3.940	4.737	6.313
2	.422	.845	1.267	1.689	2.111	2.534	2.956	3.413	4.266	5.119	6.826
2 1/8	.449	.898	1.347	1.795	2.244	2.693	3.142	3.626	4.533	5.439	7.253
2 1/4	.475	.95	1.425	1.9	2.375	2.851	3.325	3.840	4.799	5.760	7.680
2 3/8	.501	1.003	1.504	2.006	2.507	3.009	3.51	4.053	5.066	6.079	8.106
2 1/2	.528	1.056	1.584	2.112	2.64	3.168	3.696	4.266	5.333	6.399	8.533
2 5/8	.554	1.109	1.663	2.218	2.772	3.327	3.881	4.480	5.60	6.72	8.96
2 3/4	.581	1.162	1.743	2.323	2.904	3.485	4.066	4.693	5.866	7.039	9.386
2 7/8	.607	1.215	1.822	2.429	3.036	3.644	4.251	.....	.....	.....	.....
3	.633	1.267	1.9	2.535	3.168	3.802	4.435	5.12	6.4	7.68	10.24
3 1/4	.686	1.373	2.059	2.746	3.432	4.119	4.805	5.546	6.933	8.319	11.093
3 1/2	.739	1.479	2.218	2.957	3.696	4.436	5.175	5.973	7.466	8.95	11.946
3 3/4	.792	1.584	2.376	3.168	3.96	4.752	5.544	6.399	7.999	9.599	12.799
4	.845	1.69	2.535	3.38	4.225	5.07	5.915	6.826	8.533	10.239	13.653
4 1/4	.897	1.795	2.692	3.591	4.488	5.386	6.283	7.253	9.066	10.879	14.506
4 1/2	.95	1.901	2.851	3.802	4.752	5.703	6.653	7.68	9.6	11.52	15.36
4 3/4	1.003	2.006	3.009	4.013	5.016	6.019	7.022	8.106	10.133	12.159	16.213
5	1.056	2.112	3.168	4.224	5.28	6.336	7.392	8.533	10.666	12.799	17.066
5 1/4	1.109	2.218	3.327	4.436	5.545	6.654	7.763	8.959	11.199	13.44	17.919
5 1/2	1.162	2.323	3.485	4.648	5.809	6.97	8.132	9.386	11.733	14.079	18.773
5 3/4	1.214	2.429	3.643	4.858	6.072	7.287	8.501	9.813	12.266	14.719	19.626
6	1.267	2.534	3.802	5.069	6.336	7.604	8.871	10.24	12.8	15.36	20.48

ESTIMATED WEIGHT OF SQUARE STEEL, PER LINEAL FOOT, IN POUNDS

Inches	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
Pounds	.213	.479	.855	1.33	1.91	2.61	3.40	4.34	5.32	6.44	7.67
Inches	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8
Pounds	9.00	10.44	11.98	13.63	15.35	17.20	19.17	21.20	23.30	25.70	27.74
Inches	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	4	4 1/4	4 1/2	5
Pounds	30.60	33.18	35.90	38.78	41.65	44.17	46.70	54.40	61.40	68.85	85.00

ESTIMATED WEIGHT OF ROUND STEEL, PER LINEAL FOOT, IN POUNDS

Inches	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
Pounds	.166	.375	.667	1.04	1.50	2.05	2.67	3.38	4.17	5.05	6.00
Inches	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8
Pounds	7.05	8.17	9.38	10.68	12.04	13.51	15.05	16.68	18.43	20.19	22.00
Inches	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	4	4 1/4	4 1/2	5
Pounds	24.00	26.12	28.20	30.45	32.70	35.12	37.54	42.71	48.22	54.06	66.75

ESTIMATED WEIGHT OF OCTAGON STEEL, PER LINEAL FOOT, IN POUNDS

Inches	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4
Pounds	.84	1.23	1.75	2.25	2.75	3.66	4.55	5.50	6.45	7.75	9.20
Inches		1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8	3
Pounds		10.04	11.60	13.14	14.75	16.40	17.85	19.50	21.25	22.69	25.00

Weights and Tables.

Table Indicating Size, Weight and Length of Wire.

Gauge Number.	Diameter, Inches.	Weight of 100 Feet, Pounds.	Weight of 1 Mile, Pounds.	Feet in 63 Pounds.	Feet in 2000 Pounds.	Gauge Number.	Diameter, Inches.	Weight of 100 Feet, Pounds.	Weight of 1 Mile, Pounds.	Feet in 63 Pounds.	Feet in 2000 Pounds.
7/0	.490	63.63	3360	99	3,143	16	.063	1.05	55.	6,000	190,470
6/0	.460	56.10	2962	112	3,565	17	.054	.77	41.	8,182	259,740
5/0	.430	49.01	2588	129	4,081	18	.047	.58	31.	10,862	344,827
4/0	.393	40.94	2162	154	4,885	19	.041	.45	24.	14,000	444,444
3/0	.362	34.73	1834	181	5,759	20	.035	.32	17.	19,687	625,000
2/0	.331	29.04	1533	217	6,886	21	.032	.27	14.	23,333	740,741
1/0	.307	27.66	1460	228	7,230	22	.028	.21	11.	30,000	952,381
1	.283	21.23	1121	296	9,425	23	.025	.175	9.24	36,000	1,142,856
2	.263	18.34	968	343	10,905	24	.023	.140	7.39	45,000	1,428,570
3	.244	15.78	833	399	12,674	25	.020	.116	6.124	54,310	1,724,125
4	.225	13.39	707	470	14,936	26	.018	.093	4.91	67,742	2,150,537
5	.207	11.35	599	555	17,621	27	.017	.083	4.382	75,903	2,409,616
6	.192	9.73	514	647	20,555	28	.016	.074	3.907	85,135	2,702,695
7	.177	8.03	439	759	24,906	29	.015	.061	3.22	103,278	3,278,663
8	.162	6.96	367	905	28,734	30	.014	.054	2.851	116,666	3,763,678
9	.148	5.08	306	1,086	34,483	31	.0135	.050	2.64	126,000	3,999,996
10	.135	4.83	255	1,304	41,408	32	.013	.046	2.428	136,956	4,347,805
11	.120	3.82	202	1,649	52,356	33	.011	.037	1.953	170,270	5,405,391
12	.105	2.92	154	2,158	68,493	34	.010	.030	1.584	210,000	6,666,660
13	.092	2.24	118	2,813	89,286	35	.0095	.025	1.32	252,000	7,999,992
14	.080	1.69	89	3,728	118,343	36	.009	.021	1.161	286,363	9,090,879
15	.072	1.37	72	4,598	145,985	....	.....	.....	.....	.....	.....

Table Indicating Size, Weight and Length of Copper and Brass Wire, by English Standard or Stubs' Wire Gauge.

Gauge Number.	Diameter, Inches.	Weight of 1000 Feet.		Gauge Number.	Diameter, Inches.	Weight of 1000 Feet.	
		Copper.	Brass.			Copper.	Brass.
0000	.453	623.92	589.28	17	.058	10.18	9.62
000	.425	546.76	516.41	18	.049	7.27	6.86
00	.380	437.10	413.84	19	.042	5.34	5.04
0	.340	349.93	330.50	20	.035	3.70	3.50
1	.300	272.44	257.31	21	.032	3.10	2.92
2	.284	244.15	230.60	22	.028	2.37	2.24
3	.259	202.96	191.78	23	.025	1.89	1.79
4	.238	171.46	161.94	24	.022	1.46	1.38
5	.220	146.51	138.37	25	.020	1.21	1.14
6	.203	124.74	117.82	26	.018	.980	.926
7	.180	98.08	92.63	27	.016	.774	.731
8	.165	82.41	77.84	28	.014	.593	.560
9	.148	66.30	62.62	29	.013	.511	.483
10	.134	54.35	51.33	30	.012	.435	.411
11	.120	43.59	41.17	31	.010	.302	.286
12	.109	35.96	33.97	32	.009	.245	.231
13	.095	27.32	25.80	33	.008	.193	.183
14	.083	20.85	19.70	34	.007	.148	.140
15	.072	15.69	14.82	35	.005	.075	.071
16	.065	12.79	12.08	36	.004	.048	.046

Weights and Tables.

Estimated Weight of Sheet Iron and Sheet Steel, Per Square Foot.

No. Wire Gauge	¼	3/16	8	10	12	14	16	18
Approximate Thickness, Inches	¼	3/16	11/64	9/64	7/64	5/64	1/16	1/20
Black, Pounds	10	7.50	6.87	5.63	4.37	3.12	2.50	2.
Galvanized, Ounces	....	....	....	92.5	72.5	52.5	42.5	34.5

No. Wire Gauge	20	22	24	25	26	27	28	30
Approximate Thickness, Inches	3/80	1/32	1/40	7/320	3/160	11/640	1/64	1/80
Black, Pounds	1.50	1.25	1.	.875	.75	.687	.625	.50
Galvanized, Ounces	26.5	22.5	18.5	16.5	14.5	13.5	12.5	10.5

Weight of Sheet Zinc.

No. Zinc Gauge	3	4	5	6	7	8	9	10	11	12
No. Wire Gauge, Eng. Stan. or Stubs'	34	33	31	30	28	27	26	25	23	22
Approximate Thickness, Inches	.006	.008	.010	.012	.014	.016	.018	.020	.024	.028
Approximate Weight Per Sq. Foot, Lbs.	.22	.30	.37	.45	.52	.60	.67	.75	.90	1.05

Weight of Sheet Copper.

Thickness Determined by English Standard or Stubs' Wire Gauge.

No. Wire Gauge	8	9	10	11	11½	12	12½	13	13½
Approx. Wt. Per Square Foot, Ounces	119	107	103	93	90	83	77	70	64
Approx. Wt. Per Sheet, 30x60 in., Lbs	94	83	80	73	70	65	60	55	50
Approx. Wt. Per Sheet, 60x90 in., Lbs	301	265	256	234	224	208	192	176	164

No. Wire Gauge	14	14½	15	17	17½	19	20	23	25	26
Approx. Wt. Per Square Foot, Ounces	51	58	52	45	39	32	26	19	16	13
Approx. Wt. Per Sheet 30x60 in., Lbs	47	45½	40	35	30	25	20	15	12½	10
Approx. Wt. Per Sheet, 60x90 in., Lbs	152	144	128	112	96	80	64	....	...	....

Weight of Sheet Brass.

Thickness Determined by English Standard or Stubs' Wire Gauge.

No. Wire Gauge	8	9	10	11	12	13	14	15
Approximate Weight Per Square Foot, Lbs	7.06	6.33	5.73	5.14	4.67	4.06	3.55	3.08

No. Wire Gauge	16	17	18	19	20	21	22
Approximate Weight Per Square Foot, Lbs	2.78	2.48	2.10	1.80	1.50	1.37	1.20

No. Wire Gauge	23	24	25	26	27	28	29
Approximate Weight Per Square Foot, Lbs	1.07	.94	.86	.77	.68	.60	.55

No. Wire Gauge	30	31	32	33	34	35	36
Approximate Weight Per Square Foot, Lbs	.51	.43	.38	.34	.30	.21	.17

Weight of Carriage Bolts.

3-16 Inch.		¼ Inch.		5-16 Inch.		⅜ Inch.		7-16 Inch.		½ Inch.		⅝ Inch.	
Inches. Length.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Per 100 Weight Lbs.
¾	1.4	¾	2.3	¾	3.6	¾	6.9	1	10.4	1½	17.4	2	36.4
1	1.6	1	2.6	1	4.6	1	7.4	1¼	11.4	1¾	18.7	2½	40.4
1¼	1.8	1¼	2.9	1¼	5.1	1¼	8.2	1½	12.4	2	20.0	3	44.4
1½	2.0	1½	3.2	1½	5.6	1½	8.9	1¾	13.4	2¼	21.3	3½	48.4
1¾	2.2	1¾	3.6	1¾	6.1	1¾	9.6	2	14.3	2½	22.6	4	52.4
2	2.4	2	3.9	2	6.6	2	10.3	2¼	15.3	2¾	23.9	4½	56.4
2¼	2.6	2¼	4.2	2¼	7.1	2¼	11.5	2½	16.3	3	25.1	5	60.4
2½	2.7	2½	4.5	2½	7.5	2½	11.8	2¾	17.3	3¼	26.4	5½	64.4
2¾	2.9	2¾	4.8	2¾	8.0	2¾	12.5	3	18.3	3½	27.7	6	68.4
3	3.1	3	5.1	3	8.5	3	13.2	3¼	19.3	3¾	29.0	6½	72.4
3¼	3.3	3¼	5.5	3¼	9.0	3¼	13.9	3½	20.3	4	30.3	7	76.4
3½	3.5	3½	5.8	3½	9.5	3½	14.7	3¾	21.3	4¼	31.6	7½	80.4
3¾	3.7	3¾	6.1	3¾	10.0	3¾	15.5	4	22.3	4½	32.9	8	84.4
4	3.9	4	6.4	4	10.5	4	16.2	4¼	23.3	4¾	34.2	8½	88.4
.....	.....	4¼	6.7	4¼	11.0	4¼	16.9	4½	24.3	5	35.5	9	92.4
.....	.....	4½	7.0	4½	11.5	4½	17.6	4¾	25.3	5½	38.0	9½	96.7
.....	.....	4¾	7.3	4¾	12.0	4¾	18.4	5	26.2	6	40.6	10	101.0
.....	.....	5	7.6	5	12.4	5	19.1	5¼	27.2	6½	43.2	10½	105.0
.....	.....	5¼	8.0	5¼	13.0	5¼	19.8	5½	28.2	7	45.8	11	109.0
.....	.....	5½	8.3	5½	13.4	5½	20.5	6	30.2	7½	48.4	11½	113.0
.....	.....	5¾	8.7	5¾	14.0	5¾	21.0	6½	32.2	8	50.9	12	117.0
.....	.....	6	8.9	6	14.4	6	22.0	7	34.2	8½	53.5	13	125.0
.....	.....	6½	9.5	6¼	15.0	6¼	22.8	7½	36.1	9	56.1	14	133.0
.....	.....	7	10.2	6½	15.4	6½	23.5	8	38.2	9½	58.7	15	141.0
.....	.....	.....	.....	7	16.4	6¾	24.3	8½	40.2	10	61.3	16	149.0
.....	.....	.....	.....	7½	17.3	7	24.9	9	42.1	10½	63.9	17	157.0
.....	.....	.....	.....	8	18.3	7½	26.4	9½	44.1	11	66.4	18	165.0
.....	.....	.....	.....	8½	19.3	8	27.8	10	46.0	11½	69.0	19	173.0
.....	.....	.....	.....	9	20.3	8½	29.3	10½	48.0	12	71.6	20	181.0
.....	.....	.....	.....	10	21.3	9	30.8	11	50.0	13	76.7	.....	.....
.....	.....	.....	.....	.....	.....	9½	32.3	11½	52.0	14	81.9	.....	.....
.....	.....	.....	.....	.....	.....	10	33.7	12	54.0	15	87.1	.....	.....
.....	.....	.....	.....	.....	.....	10½	35.1	.....	.....	16	92.2	.....	.....
.....	.....	.....	.....	.....	.....	11	36.6	.....	.....	18	102.5	.....	.....
.....	.....	.....	.....	.....	.....	11½	38.0	.....	.....	20	112.9	.....	.....
.....	.....	.....	.....	.....	.....	12	46.5	.....	.....	.....	.....	.....	.....

CONTENTS OF FULL CASES OF CARRIAGE BOLTS

Length, Inches.	Diam. ¼ Inch.	Diam. ⅜ Inch.	Diam. ⅜ Inch.	Diam. 7/16 inch.	Diam. ½ Inch.	Diam. ⅝ Inch.	Length, Inches.	Diam. ¼ Inch.	Diam. ⅜ Inch.	Diam. ⅜ Inch.	Diam. 7/16 inch.	Diam. ½ Inch.	Diam. ⅝ Inch.
1¼	10,000	5,000	4,000	2,500	2,500	.....	5	5,600	3,000	2,000	1,300	1,000	500
1½	8,000	5,000	3,300	2,500	2,000	750	5½	4,000	2,500	2,000	1,400	1,000	500
1¾	8,000	5,000	3,000	2,300	2,000	750	6	4,000	2,500	1,600	1,500	800	450
2	10,000	5,000	3,300	2,000	1,800	750	6½	.....	2,400	1,600	1,000	800	450
2¼	9,600	5,000	3,300	2,500	1,800	900	7	.....	2,000	1,300	1,000	800	375
2½	9,000	5,000	3,000	2,400	1,800	900	7½	.....	2,000	1,400	1,000	800	375
2¾	8,000	4,000	3,000	2,000	1,800	900	8	.....	1,800	1,500	1,000	500	375
3	7,500	4,000	2,500	2,000	1,400	750	8½	.....	.....	1,200	800	500	300
3¼	7,200	4,000	2,400	2,000	1,200	700	9	.....	.....	1,100	1,000	500	375
3½	5,800	4,000	2,400	1,800	1,200	700	9½	.....	.....	1,000	800	500	350
3¾	6,000	4,000	2,400	2,100	1,200	600	10	.....	.....	1,000	800	500	300
4	5,400	3,300	2,500	1,500	1,200	600	10½	.....	.....	1,000	600	500	300
4¼	6,000	3,200	2,200	1,500	1,200	600	11	.....	.....	1,000	600	500	250
4½	5,200	3,000	2,000	1,400	1,200	600	11½	.....	.....	1,000	700	500	250
4¾	5,200	3,000	2,000	1,600	1,200	600	12	.....	.....	1,000	700	500	300

Weight of Machine Bolts.

¼ Inch.		5-16 Inch.		⅜ Inch.		7-16 Inch.		½ Inch.		⅝ Inch.		¾ Inch.		⅞ Inch.	
L'gth In.	W'ght 100 Lbs.	L'gth In.	W'ght 100 Lbs.	L'gth In.	Weight Per 100 Lbs.	L'gth In.	Weight Per 100 Lbs.	L'gth In.	W'ght 100 Lbs.	L'gth In.	Weight Per 100 Lbs.	L'gth In.	Weight Per 100 Lbs.	L'gth In.	W'ght 100 Lbs.
¾	2.0	¾	4.0	¾	7.0	1	10.9	1	15.2	1	30.5	1½	53.2	2	87.5
1	2.7	1	4.9	1	8.3	1¼	11.9	1¼	16.5	1¼	32.5	1¾	56.0	2½	95.5
1¼	3.0	1¼	5.5	1¼	9.0	1½	12.9	1½	17.8	1½	34.5	2	59.0	3	103.5
1½	3.4	1½	6.0	1½	9.7	1¾	13.8	1¾	19.1	1¾	36.5	2¼	62.0	3½	111.5
1¾	3.7	1¾	6.5	1¾	10.4	2	14.8	2	20.4	2	38.5	2½	64.8	4	119.5
2	4.0	2	7.0	2	11.1	2¼	15.8	2¼	21.7	2¼	40.5	2¾	67.7	4½	127.5
2¼	4.3	2¼	7.4	2¼	11.8	2½	16.8	2½	23.0	2½	42.5	3	70.6	5	135.5
2½	4.6	2½	7.9	2½	12.5	2¾	17.7	2¾	24.3	2¾	44.5	3½	76.4	5½	143.5
.....	.....	2¾	8.4	2¾	13.2	3	18.7	3	25.5	3	46.5	4	82.2	6	151.5
.....	.....	3	8.9	3	13.9	3¼	19.7	3¼	26.8	3½	50.5	4½	88.0	6½	159.5
.....	.....	3¼	9.3	3¼	14.6	3½	20.6	3½	28.1	4	54.5	5	93.8	7	167.5
.....	.....	3½	9.9	3½	15.2	3¾	21.6	3¾	29.4	4½	58.5	5½	99.6	7½	175.5
.....	.....	3¾	10.4	3¾	15.9	4	22.6	4	30.7	5	62.5	6	105.4	8	183.5
.....	.....	4	10.9	4	16.6	4¼	23.6	4½	33.3	5½	66.5	6½	111.2	8½	191.8
.....	.....	4¼	11.4	4½	18.0	4½	24.5	5	35.9	6	70.5	7	117.0	9	200.0
.....	.....	4½	11.8	5	19.4	4¾	25.5	5½	38.4	6½	74.5	7½	122.8	9½	208.0
.....	.....	.....	.....	5½	20.9	5	26.5	6	41.0	7	78.5	8	128.6	10	216.0
.....	.....	.....	.....	6	22.3	5¼	27.5	6½	43.6	7½	82.5	8½	134.8	11	232.0
.....	.....	.....	.....	6½	23.7	5½	28.4	7	46.2	8	86.5	9	140.2	12	248.0
.....	.....	.....	.....	7	25.1	5¾	29.4	7½	48.8	8½	90.5	9½	146.0	13	264.0
.....	.....	.....	.....	7½	26.5	6	30.3	8	51.4	9	94.5	10	151.8	14	280.0
.....	.....	.....	.....	8	27.8	6½	32.3	8½	54.0	9½	98.5	10½	157.6	15	296.0
.....	.....	.....	.....	.....	.....	7	34.2	9	56.5	10	102.5	11	163.4	16	312.0
.....	.....	.....	.....	.....	.....	7½	36.2	9½	59.1	10½	106.5	12	175.0	17	328.0
.....	.....	.....	.....	.....	.....	.....	.....	10	61.7	11	110.5	13	187.0	18	344.0
.....	.....	.....	.....	.....	.....	.....	.....	10½	64.4	12	118.5	14	198.0	19	360.0
.....	.....	.....	.....	.....	.....	.....	.....	11	66.9	13	126.0	15	210.0	20	376.0
.....	.....	.....	.....	.....	.....	.....	.....	11½	69.5	14	134.0	16	221.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	12	72.0	15	142.0	17	233.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	13	77.2	16	150.0	18	245.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	14	82.3	17	158.0	19	256.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	15	87.5	18	166.0	20	268.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	16	92.7	19	174.0	21	280.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	17	97.8	20	182.0	22	292.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	18	103.0	21	190.0	23	304.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	20	113.3	22	198.0	24	316.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	22	123.6	23	206.0	25	328.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24	214.0	26	340.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28	352.0	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	364.0	.....	.....

Weight of Coach or Lag Screws.

¼ Inch.		5-16 Inch.		⅜ Inch.		7-16 Inch.		½ Inch.		⅝ Inch.		¾ Inch.	
Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.	Length, Inches.	Weight Per 100 Lbs.
1½	2.4	1½	3.5	1½	5.7	2	9.8	2	13.1	2½	25.4	3	45.0
2	2.9	2	4.4	1¾	6.3	2½	11.5	2½	15.4	3	28.9	4	55.0
2½	3.4	2½	5.2	2	6.9	3	13.2	3	17.6	3½	32.5	5	65.0
.....	.....	3	6.1	2¼	7.5	3½	14.9	3½	19.9	4	36.0	6	75.0
.....	.....	3½	6.9	2½	8.1	4	16.6	4	22.1	4½	39.6	7	85.0
.....	.....	4	7.8	3	9.3	4½	18.2	4½	24.3	5	43.2	8	95.0
.....	.....	4½	8.7	3½	10.5	5	19.9	5	26.6	5½	46.7	9	105.0
.....	.....	5	9.5	4	11.7	5½	21.6	5½	28.8	6	50.3	10	115.0
.....	.....	.....	.....	4½	12.9	6	23.3	6	31.1	6½	53.9	12	135.0
.....	.....	.....	.....	5	14.1	6½	25.0	6½	33.3	7	57.4	14	155.0
.....	.....	.....	.....	5½	15.3	7	26.7	7	35.5	7½	61.0	.....	.....
.....	.....	.....	.....	6	16.5	.....	.....	7½	37.8	8	64.5	.....	.....
.....	.....	.....	.....	6½	17.7	.....	.....	8	40.0	9	71.6	.....	.....
.....	.....	.....	.....	7	18.9	.....	.....	9	44.5	10	78.8	.....	.....
.....	.....	.....	.....	7½	20.1	.....	.....	10	49.0	12	93.0	.....	.....
.....	.....	.....	.....	8	21.2	.....	.....	.....	.....	14	107.2	.....	.....

Table of Wire Gauges.

Showing the Difference Between Wire Gauges.

No.	New British Standard.	Old English or London	Stubs or Birmingham.	Washburn and Moen.	Brown and Sharpe.	No.	New British Standard.	Old English or London.	Stubs or Birmingham.	Washburn and Moen.	Brown and Sharpe.
4/0	.460	.454	.454	.393	.460	19	.040	.040	.042	.041	.03589
3/0	.372	.425	.425	.362	.40964	20	.036	.035	.035	.035	.03196
2/0	.348	.380	.380	.331	.36480	21	.032	.0315	.032	.032	.02846
1/0	.324	.340	.340	.307	.32495	22	.028	.0295	.028	.028	.025347
1	.300	.300	.300	.283	.28930	23	.024	.027	.025	.025	.022571
2	276	.284	.284	.263	.25763	24	.022	.025	.022	.023	.0201
3	.252	.259	.259	.244	.22942	25	.020	.023	.020	.020	.0179
4	.232	.238	.238	.225	.20431	26	.018	.0205	.018	.018	.01594
5	.212	.220	.220	.207	.18194	27	.0164	.01875	.016	.017	.014195
6	.192	.203	.203	.192	.16202	28	.0148	.0165	.014	.016	.012641
7	.176	.180	.180	.177	.14428	29	.0136	.0155	.013	.015	.011257
8	.160	.165	.165	.162	.12849	30	.0124	.01375	.012	.014	.010025
9	.144	.148	.148	.148	.11443	31	.0116	.01225	.010	.0135	.008928
10	.128	.134	.134	.135	.10189	32	.0108	.01125	.009	.013	.00795
11	.116	.120	.120	.120	.09074	33	.0100	.01025	.008	.011	.00708
12	.104	.109	.109	.105	.08081	34	.0092	.0095	.007	.01	.0063
13	.092	.095	.095	.092	.07196	35	.0084	.009	.005	.0095	.00561
14	.080	.083	.083	.080	.06408	36	.0076	.0075	.004	.009	.005
15	.072	.072	.072	.072	.05706	37	.0068	.0065	.....	.0085	.00445
16	.064	.065	.065	.063	.05082	38	.0060	.00575	.....	.008	.003965
17	.056	.058	.058	.054	.04525	39	.0052	.005	.....	.0075	.003531
18	.048	.049	.049	.047	.04030	40	.0048	.0045	.....	.007	.003144

Wire Cloth.

Quantity in Square Feet.

Inches.	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Feet.																
1	1½	1⅔	1⅚	2	2⅙	2⅓	2½	2⅔	2⅚	3	3⅙	3⅓	3½	3⅔	3⅚	4
2	3	3⅓	3⅔	4	4⅓	4⅔	5	5⅓	5⅔	6	6⅓	6⅔	7	7⅓	7⅔	8
3	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12
4	6	6⅔	7⅓	8	8⅔	9⅓	10	10⅔	11⅓	12	12⅔	13⅓	14	14⅔	15⅓	16
5	7½	8⅓	9⅙	10	10⅚	11⅔	12½	13⅓	14⅙	15	15⅚	16⅔	17½	18⅓	19⅙	20
6	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
7	10½	11⅔	12⅚	14	15⅙	16⅓	17½	18⅔	19⅚	21	22⅙	23⅓	24½	25⅔	26⅚	28
8	12	13⅓	14⅔	16	17⅓	18⅔	20	21⅓	22⅔	24	25⅓	26⅔	28	29⅓	30⅔	32
9	13½	15	16½	18	19½	21	22½	24	25½	27	28½	30	31½	33	34½	36
10	15	16⅔	18⅓	20	21⅔	23⅓	25	26⅔	28⅓	30	31⅔	33⅓	35	36⅔	38⅓	40
20	30	33⅓	36⅔	40	43⅓	46⅔	50	53⅓	56⅔	60	63⅓	66⅔	70	73⅓	76⅔	80
30	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120
40	60	66⅔	73⅓	80	86⅔	93⅓	100	106⅔	113⅓	120	126⅔	133⅓	140	146⅔	153⅓	160
50	75	83⅓	91⅔	100	108⅓	116⅔	125	133⅓	141⅔	150	158⅓	166⅔	175	183⅓	191⅔	200
60	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240
70	105	116⅔	128⅓	140	151⅔	163⅓	175	186⅔	198⅓	210	221⅔	233⅓	245	256⅔	268⅓	280
80	120	133⅓	146⅔	160	173⅓	186⅔	200	213⅓	226⅔	240	253⅓	266⅔	280	293⅓	306⅔	320
90	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
100	150	166⅔	183⅓	200	216⅔	233⅓	250	266⅔	283⅓	300	316⅔	333⅓	350	366⅔	383⅓	400
200	300	333⅓	366⅔	400	433⅓	466⅔	500	533⅓	566⅔	600	633⅓	666⅔	700	733⅓	766⅔	800
300	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
400	600	666⅔	733⅓	800	866⅔	933⅓	1000	1066⅔	1133⅓	1200	1266⅔	1333⅓	1400	1466⅔	1533⅓	1600
500	750	833⅓	916⅔	1000	1083⅓	1166⅔	1250	1333⅓	1416⅔	1500	1583⅓	1666⅔	1750	1833⅓	1916⅔	2000
600	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
700	1050	1166⅔	1283⅓	1400	1516⅔	1633⅓	1750	1866⅔	1983⅓	2100	2216⅔	2333⅓	2450	2566⅔	2683⅓	2800
800	1200	1333⅓	1466⅔	1600	1733⅓	1866⅔	2000	2133⅓	2266⅔	2400	2533⅓	2666⅔	2800	2933⅓	3066⅔	3200
900	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600
1000	1500	1666⅔	1833⅓	2000	2166⅔	2333⅓	2500	2666⅔	2833⅓	3000	3166⅔	3333⅓	3500	3666⅔	3833⅓	4000

Approximate Weights of Wood Screws.

Approximate Weight per Gross.

¼ Inch

No.	Lbs.
0	.0260
1	.0391
2	.0562
3	.0764
4	.0992

⅜ Inch.

No.	Lbs.
0	.0366
1	.0545
2	.0773
3	.1039
4	.1331
5	.1677
6	.2031
7	.2492
8	.3009
9	.3585

½ Inch.

No.	Lbs.
1	.0694
2	.0978
3	.1303
4	.1654
5	.2056
6	.2560
7	.3128
8	.3762
9	.4464
10	.5237
11	.6084
12	.7006

⅝ Inch.

No.	Lbs.
1	.0840
2	.1177
3	.1537
4	.1959
5	.2489
6	.3089
7	.3763
8	.4514
9	.5342
10	.6252
11	.7244
12	.8322
13	.9488
14	1.0744

¾ Inch.

No.	Lbs.
2	.1369
3	.1801
4	.2304
5	.2921
6	.3618
7	.4399
8	.5266
9	.6221
10	.7266
11	.8404
12	.9638
13	1.0969
14	1.2400
15	1.3934
16	1.5574

⅞ Inch

No.	Lbs.
2	.1554
3	.2034
4	.2649
5	.3353
6	.4147
7	.5035
8	.6018
9	.7099
10	.8281
11	.9565
12	1.0954
13	1.2451
14	1.4057
15	1.5776
16	1.7610

1 Inch.

No.	Lbs.
3	.2302
4	.2994
5	.3785
6	.4676
7	.5671
8	.6770
9	.7978
10	.9295
11	1.0725
12	1.2270
13	1.3932
14	1.5714
15	1.7617
16	1.9647
17	2.1800
18	2.4084
20	2.9047

1¼ Inch.

No.	Lbs.
4	.3684
5	.4649
6	.5734
7	.6942
8	.8275
9	.9734
10	1.1324
11	1.3046
12	1.4902
13	1.6895
14	1.9027
15	2.1300
16	2.3720
17	2.6282
18	2.8994
20	3.4875
22	4.1378
24	4.8524

1⅛ Inch.

No.	Lbs.
4	.4374
5	.5514
6	.6792
7	.8213
8	.9779
9	1.1491
10	1.3353
11	1.5367
12	1.7534
13	1.9858
14	2.2340
15	2.4984
16	2.7793
17	3.0764
18	3.3905
20	4.0702
22	4.8200
24	5.6419

1¾ Inch.

No.	Lbs.
6	.7850
7	.9485
8	1.1283
9	1.3248
10	1.5382
11	1.7687
12	2.0166
13	2.2821
14	2.5653
15	2.8667
16	3.1865
17	3.5246
18	3.8816
20	4.6529
22	5.5622
24	6.4313

2 Inch.

No.	Lbs.
6	.8905
7	1.0756
8	1.2788
9	1.5005
10	1.7411
11	2.0008
12	2.2798
13	2.5784
14	2.8966
15	3.2350
16	3.5938
17	3.9728
18	4.3727
20	5.2356
22	6.1843
24	7.2208

2¼ Inch.

No.	Lbs.
8	1.4292
9	1.6762
10	1.9440
11	2.2329
12	2.5430
13	2.8747
14	3.2280
15	3.6034
16	4.0011
17	4.4210
18	4.8638
20	5.8183
22	6.8665
24	8.0103

2½ Inch.

No.	Lbs.
8	1.5796
9	1.8519
10	2.1469
11	2.4649
12	2.8062
13	3.1710
14	3.5593
15	3.9717
16	4.4084
17	4.8692
18	5.3549
20	6.4010
22	7.5487
24	8.7998

2¾ Inch.

No.	Lbs.
10	2.3498
11	2.6970
12	3.0694
13	3.4673
14	3.8906
15	4.3400
16	4.8157
17	5.3052
18	5.8460
20	6.9838
22	8.2309
24	9.5893
26	11.0607

3 Inch.

No.	Lbs.
10	2.5527
11	2.9291
12	3.3326
13	3.7636
14	4.2220
15	4.7084
16	5.2230
17	5.7656
18	6.3370
20	7.5665
22	8.9131
24	10.3787
26	11.9653

3½ Inch.

No.	Lbs.
10	2.9585
11	3.3932
12	3.8590
13	4.3561
14	4.8846
15	5.4450
16	6.0376
17	6.6620
18	7.3192
20	8.7319
22	10.2774
24	11.9577
26	13.7745

4 Inch.

No.	Lbs.
12	4.3854
14	5.5473
16	6.8522
18	8.3014
20	9.8973
22	11.6418
24	13.5366
26	15.5837

4½ Inch.

No.	Lbs.
16	7.6667
18	9.2836
20	11.0628
22	13.0061
24	15.1156
26	17.3929

5 Inch.

No.	Lbs.
18	10.2657
20	12.2282
22	14.3705
24	16.6945
26	19.2021
28	21.8952

6 Inch.

No.	Lbs.
20	14.5590
22	17.0992
24	19.8525
26	22.8205
28	26.0054
30	29.4091

For weight of Brass Screws, add 7½ per cent. to these weights.

Contents (Number of Gross) and Approximate Gross Weight of Full Cases.
Revised June, 1907.

¼ Inch.

No.	Gro.	Lbs.
2	360	28
3	360	36
4	360	45

⅜ Inch.

No.	Gro.	Lbs.
2	360	36
3	360	47
4	360	58
5	360	73
6	300	74
7	200	61
8	200	71

½ Inch.

No.	Gro.	Lbs.
2	360	48
3	360	59
4	360	74
5	300	75
6	200	64
7	200	75
8	200	91
9	200	105
10	200	120
11	200	145
12	200	160

⅝ Inch

No.	Gro.	Lbs.
3	360	70
4	300	72
5	200	62
6	200	74
7	200	93
8	200	110
9	200	125
10	200	135
11	200	165
12	200	190

¾ Inch.

No.	Gro.	Lbs.
3	300	67
4	200	59
5	200	72
6	200	86
7	200	105
8	200	120
9	200	150
10	200	170
11	200	190
12	200	215
13	200	250
14	200	280
15	200	315
16	200	345

⅞ Inch.

No.	Gro.	Lbs.
4	200	65
5	200	83
6	200	100
7	200	125
8	200	140
9	200	165
10	200	190
11	200	225
12	200	250
13	200	280
14	180	290
15	180	325
16	180	355

1 Inch.

4	200	73
5	200	98
6	200	115
7	200	135
8	200	160
9	200	185
10	200	220
11	200	250
12	200	280
13	200	320
14	200	355
15	120	245
16	120	270
17	100	250
18	100	280
20	100	325

1¼ Inch.

No.	Gro.	Lbs.
4	200	96
5	200	115
6	200	140
7	200	165
8	200	200
9	200	225
10	200	265
11	200	300
12	120	210
13	120	235
14	100	220
15	100	250
16	100	275
17	100	300
18	100	325
20	90	350

1⅛ Inch.

No.	Gro.	Lbs.
4	200	110
5	200	135
6	200	170
7	200	200
8	200	230
9	180	245
10	180	280
11	100	185
12	100	205
13	100	235
14	100	260
15	90	260
16	90	285
17	60	215
18	60	235
20	60	280

1¼ Inch.

No.	Gro.	Lbs.
6	200	190
7	180	210
8	180	240
9	100	160
10	100	185
11	100	215
12	100	240
13	90	240
14	90	265
15	60	205
16	60	220
17	60	250
18	60	265
20	60	315

2 Inch.

No.	Gro.	Lbs.
6	180	200
7	180	230
8	100	160
9	100	185
10	100	210
11	100	235
12	90	240
13	90	270
14	60	205
15	60	230
16	60	250
17	60	275
18	60	300
20	40	240
22	40	280
24	40	320

2¼ Inch.

No.	Gro.	Lbs.
8	100	180
9	100	205
10	90	210
11	90	235
12	60	185
13	60	205
14	60	230
15	60	255
16	60	280
17	48	245
18	48	270
20	40	270
22	40	310
24	30	270

2½ Inch.

No.	Gro.	Lbs.
8	90	180
9	90	200
10	90	230
11	60	180
12	60	205
13	60	230
14	60	250
15	60	275
16	60	300
17	60	330
18	40	250
20	40	290
22	30	255
24	30	295

2¾ Inch.

No.	Gro.	Lbs.
10	90	245
11	90	275
12	60	215
13	60	240
14	60	270
15	60	295
16	60	330
17	40	250
18	40	270
20	40	310
22	30	285
24	30	325

3 Inch.

No.	Gro.	Lbs.
10	90	265
11	90	300
12	60	235
13	60	260
14	60	290
15	60	320
16	48	285
17	48	310
18	30	225
20	30	260
22	30	305
24	30	350

3½ Inch.

No.	Gro.	Lbs.
10	50	175
11	50	200
12	50	230
13	50	255
14	45	255
15	45	280
16	45	310
17	30	235
18	30	255
20	30	295
22	20	240
24	20	270
26	20	310

4 Inch.

No.	Gro.	Lbs.
12	45	235
14	30	200
16	30	240
18	30	290
20	20	235
22	20	270
24	20	305
26	15	265

4½ Inch.

No.	Gro.	Lbs.
16	30	265
18	20	220
20	20	255

5 Inch.

No.	Gro.	Lbs.
18	20	240
20	20	275
22	15	245

EXTRACTS FROM RULES AND CONDITIONS

OF

WESTERN CLASSIFICATION No. 52.

Rules.

All Articles will be charged at gross weight, without regard to weight given by shippers and inserted in bills of lading; except that when an estimated weight is given in the Classification such estimated weight will apply unless the actual weight is greater.

Weights, actual and estimated.

Any person (and any officer or agent of any), corporation, or company, or any agent or officer thereof, who shall deliver property for transportation to any common carrier subject to the provisions of this Act, or for whom, as consignor or consignee, any such carrier shall transport property, who shall knowingly and willfully, directly or indirectly, himself or by employee, agent, officer, or otherwise, by **false billing, false classification, false weighing, false representation of the contents of the package or the substance of the property, false report of weight, false statement,** or by any other device or means, whether with or without the consent or connivance of the carrier, its agent, or (agents) officer, **obtain or attempt to obtain transportation for such property at less than the regular rates then established and in force on the line of transportation;** or who shall knowingly and willfully, directly or indirectly, himself or by employee, agent, officer, or otherwise, by false statement or representation as to cost, value, nature, or extent of injury, or by the use of any false bill, bill of lading, receipt, voucher, roll, account, claim, certificate, affidavit, or deposition, knowing the same to be false, fictitious, or fraudulent or to contain any false, fictitious, or fraudulent statement or entry, obtain or attempt to obtain any allowance, refund, or payment for damage or otherwise in connection with or growing out of the transportation of or agreement to transport such property, whether with or without the consent or connivance of the carrier, whereby the compensation of such carrier for such transportation, either before or after payment, shall in fact be made less than the regular rates then established and in force on the line of transportation, shall be deemed guilty of fraud, which **is hereby declared to be a misdemeanor,** and shall, upon conviction thereof in any court of the United States of competent jurisdiction, within the district in which such offense was wholly or in part committed, **be subject for each offense to a fine of not exceeding five thousand dollars or imprisonment in the penitentiary for a term of not exceeding two years, or both, in the discretion of the court;**

Provided, That the penalty of imprisonment shall not apply to artificial persons.

Articles falsely described.

Freight subject to Western Classification will be received and carried under the carrier's common law or statutory liability for loss or damage.

Carriers' liability.

When parts or pieces constituting one or more complete articles are offered to carriers for transportation at one time by one shipper to one consignee and destination, they will be rated at the classification provided for the complete article whether set up or knocked down as specified in the Classification.

Charges on complete articles shipped in pieces.

When rate for carload is not named the classification which is given will govern regardless of quantity, and no two or more articles shall be shipped in mixed carloads at carload rate, unless so provided for in the Classification.

Ratings on mixed carloads and on articles for which no C. L. ratings are shown.

Section 1. Freight, when delivered to carriers to be transported at less than carload or any quantity ratings, must be marked in accordance with the following requirements and specifications, except as provided in Section 2 (b) of this Rule, or otherwise provided in specific items in this Classification. If these requirements and specifications are not complied with, freight will not be accepted for transportation.

Marking freight.

Section 2. (a) Each package, bundle or loose piece of freight must be plainly, legibly and durably marked by brush, stencil, marking crayon (not chalk), rubber type, metal type, pasted label (see Note 1), tag (see Note 2), or other method which provides marks equally plain, legible and durable, showing the name of the consignee, and of Town or City and State to which destined.

When consigned to a place of which there are two or more of the same name in the same State, the name of the County must also be shown.

When consigned to a place not located on the line of a carrier, it must also be marked with the name of the station at which the consignee will accept delivery.

When consigned "To Order," it must be so marked and further marked with an identifying symbol or number which must be shown in shipping order and bill of lading.

Marking specified.

NOTE 1. Labels must be securely attached with glue or equally good adhesive.

Labels.

NOTE 2. Tags must be made of metal, leather, cloth or rope stock or sulphite fibre tag board, sufficiently strong and durable to withstand the wear and tear incident to transportation; and

When such cloth or board tag is tied to any bag, bale, bundle or piece of freight, it must be securely attached through a reinforced eyelet.

Tags used to mark wooden pieces or wooden containers must be fastened at all corners and center with large-headed tacks or tag fasteners; or

Tags may be tied to wooden pieces when the freight would be injured by the use of tacks or tag fasteners.

Tags tied to bags, bales, bundles or pieces must be securely attached by strong cord or wire, except that when tied to bundles or pieces of metal, they must be securely attached by strong wire or strong tarred cord.

Tag requirements.

(b) A shipment that fully occupies the visible capacity of a car, or that weighs 24,000 lbs. or more, when shipped from one station, in or on one car, in one day, by one shipper for delivery to one consignee at one destination, need not be marked.

Freight exempt from marking.

(c) The marks on bundles, packages or pieces must be compared with the shipping order or bill of lading, and corrections, if necessary, made by the shipper or his representative before receipt is signed.

Comparing marks with shipping order or bill of lading.

(d) Old consignment marks must be removed or effaced.

Old marks to be removed.

(e) Freight in excess of full cars, except where such excess is the result of carrier's failure to furnish car ordered by shipper, must be marked as required for less than carload freight.

Freight in excess of full cars to be marked.

Packages containing articles differently classified.

Where not otherwise specified in the Classification, any package containing articles of more than one class will be charged at the L. C. L. tariff rate for the highest classed article contained therein.

Ratings applicable on different kinds of packages.

Unless otherwise provided for in the Classification, all freight shipped in crates, racks, bales, bags or bundles will take when shipped in crates or racks the next class higher (greater) than in boxes, and when shipped in bales, bags or bundles one class higher (greater) than in crates. Where same rating is provided for articles shipped in bundles or boxes, the rating given will apply upon shipments of the same articles crated. When no rating is shown for articles in boxes, the rating shown for the same article in crates will apply. When not otherwise specified in the Classification, where the same rating is provided for articles shipped in crates or boxes, the same articles shipped in bundles will take the next class higher (greater.) When not otherwise specified in the Classification, the rating given on shipments in boxes shall apply upon shipments in barrels or kegs, and vice versa. The terms "boxed," "in boxes," and "in barrels' used in the Classification are intended to mean completely enclosed, and will apply only on such packages made of wood, and the term "crated" or "in crates" to mean enclosed on all sides, including bottom, with frame work, so as to allow of their being taken in and out of a car within the crate, and so as to fully protect the article from damage by contact with other freight, and the terms "in bags" and "in sacks" to mean bags or sacks made of other material than paper. All parts of articles provided for boxed or crated must be fully protected, as above stated, in order to entitle them to ratings provided, otherwise they are ratable as not boxed or crated. Shipments made in basket work packages (woven wood and wire), or in boxes with slatted tops, are ratable as crated. Shipments in pressed steel kegs are ratable same as if shipped in wooden kegs. Shipments in iron, steel or indurated fibre pails are ratable same as if shipped in wooden pails. Chests filled goods are ratable the same as boxes filled with goods. Covers of chests must be securely fastened with nails or screws. Liquor packages smaller than barrels are ratable as kegs. Carriers shall have the right to decline shipments in insecure packages.

Maximum charge for L. C. L. shipments.

The amount charged for less than a carload of freight should not exceed the charges on a minimum carload weight of the article.

Minimum charge for articles loaded on open cars.

Shipments, including freight returned for repairs, loaded on open cars, are subject to a minimum charge equal to that for 5,000 lbs., at 1st Class rate, for each car used. Maximum charge provided by Rule 15 to be observed.

Minimum charge for articles too large to be loaded through side doors of 36 ft. cars.

An article too large to be loaded through the side door of a 36 ft. box or stock car, or too long to be loaded through the end window thereof, shall (unless otherwise specified in the Classification) be charged actual weight, and class rate, provided that in no case shall the charge for the entire shipment be less than 5,000 lbs. at first class rate.

Machinery on open cars.

Shipments of Machinery, Implements and other commodities loaded on open cars must have all easily breakable and detachable parts removed and boxed and securely fastened to cars with metal straps or enclosed in machinery or implements.

Empty packages returned.

When empty packages are offered for shipment at the rates provided in this Classification for returned empty packages, the Agent must satisfy himself that they have been used, when filled, in the transportation of a regular consignment and that they are returned to consignors of the orignal filled packages. If Agents have reason to believe that the packages, when filled, were originally forwarded by Express, they will make a note to that effect on the way bill, and charge at the regular rates for new packages.

Freight subject to transfer.

All freight is subject to transfer en route as the necessity or convenience of the carriers require, and should be loaded in such a manner that it can be transferred and reloaded without injury.

Freight likely to damage other freight.

Carriers shall have the right to refuse to receive any freight offered for shipment which is likely to damage other freight or cars.

Charges on articles K. D.

Where the Classification provides separate ratings for articles S. U. and K. D., the charges on any article shipped K. D. should not exceed what would accrue on the same article when shipped S. U.

When freight is consigned to a place not located on the line of a railroad, each package, bundle or piece must be marked with the name of the station at which the consignee will accept delivery, or, if destined to a place reached by a water line, the name of the railroad station, at which delivery is to be made to such water line, must be marked on each package, bundle or piece.

Freight consigned to a place of which there are two or more of the same name in the same State, must have the name of the County marked on each package, bundle or piece, and also shown on the shipping receipt.

Freight consigned to shipper's order.

The issuing of bills of lading for shipments consigned "to order" will not be permitted, unless the name of the person, firm or corporation to whose order the shipment is consigned, is plainly shown after the words "to order" and issuing bills of lading for freight consigned to shipper's order at one point, notifying consignee at another point, will not be permitted, except where consignees are located at prepay stations or interior points, in which case freight must be consigned to the nearest convenient open station.

Articles of less value than freight charges.

Any shipment which, in the judgment of the forwarding railroad agent, would not, at forced sale, bring the amount of the freight charges at destination, must be prepaid or guaranteed.

Articles nested.

The term "nested", as used in the Classification, covers a series of two (2) or more like articles, fitting one within another.

Articles in the rough, in the white, and finished.

A. The Classification of articles in the rough applies to such articles when sawed, hewn, planed or bent, and before any further manufacturing process has begun.

B. The Classification of articles in the white applies after the manufacturing process has begun (and may include one coat of priming), but not when the article has been painted or varnished.

C. The Classification of articles finished applies to the article after it has passed the stage of manufacture covered by sections "A" and "B" of this Rule.

Read Rules and Conditions Carefully.

EXPLANATION OF CHARACTERS.

The Figures Given After the Articles Signify:

1=First Class.
2=Second Class.
3=Third Class.
4=Fourth Class.
5=Fifth Class.
1½=One and One-half Times First Class.
D1=Double First Class.
2½=Two and One-half Times First Class.
3T1=Three Times First Class.
3½T1=Three and One-half Times First Class.
4T1=Four Times First Class.

(Progression of Classes Above First Class is by One-half).
Classes A, B, C, D, and E Refer to Table of Rates.
C. L.=Car Load.
K. D.=Knocked Down.
L.C.L.=Less Than Car Load.
Min. Wt.=Minimum Weight.
N.O.I.B.N.=Not Otherwise Indexed by Name.
S. U.=Set Up.
The Figures on Left Side of Column are for Convenience in Referring to Rating.

The Western Classification No. 52.

Acids .....
In Carboys c[illegible]etely enclosed, necks protec[illegible]n all sides by wood. Prepa[illegible]or guaranteed... 1
Air Guns, boxed 1
Air Pumps, Bicycle, boxed..... 1
Aluminum Ware, in boxes or barrels 1½
Ammunition:
Blank Cartridges for small arms, boxed 2
Cartridges (metallic or paper) loaded, boxed 2
Anvils 4
Anvils and Vises, combined..... 3
Apple Parers, in boxes or crates.. 2
Asbestos:
In boxes, kegs, bags or bales... 2
In barrels or casks..... 3
Ash Sifters, in boxes, crates or bundles 1
Augers, Post Hole..... 2
Axes 2
Axle Couplings or Clips, in packages 2
Axle Grease:
In buckets, pails or tubs..... 2
In boxes, barrels, kegs or kits.. 4
In flat topped jacketed cans.... 4
Axles, Wagon, finished 1
Axles, Wooden, in white (not further finished than primed or shellacked) 3

B

Babbitt Metal, loose in boxes or barrels 3
Balances, Sash:
Pulleys, Sash Cord or Sash Balances, in boxes, kegs or barrels. 2
Balls, Base, boxed..... 1
Ball Bats, Min. C. L. 24,000 lbs.. 3
Band, Bar, Boiler, Rod, Skelp and Tank Iron, and Boiler Plates, (bent or straight)..... 4
Barbed Wire 4
Barrel Carts:
Set up, on wheels..... 1½
K. D. flat..... 1
Barrels, Ash or Garbage, iron N. O. I. B. N..... 1
Barrels, Oil, empty, returned..... 4
Base Knobs, in packages..... 2
Baskets:
N. O. I. B. N., not nested, in bundles ..... 4 T 1
N. O. I. B. N., nested, in bundles. D1
Stave, Splint, Rattan or Willow, nested in boxes, bundles or crates 1½
Splint, with covers, closely nested racked 1
Steel:
N. O. I. B. N..... 1
Closely nested 3
Bath Tubs:
N. O. I. B. N. (including cement or granitine bath tubs)..... D1
Boxed crated or encased in wood 1
Batteries:
Dry, N. O. I. B. N., in boxes or barrels 3
Beam Scale Boxes..... 2
Bellows, N. O. I. B. N..... 1
Bells, including yokes and attachments:
N. O. I. B. N..... 2
Iron 3
Belting, cotton leather or rubber. 1
Bench Screws, (iron or wood) N. O. I. B. N..... 2
Benches: (see work benches)....
Benders, Tire, Iron..... 3
Bicycles, Tricycles and Velocipedes, N. O. I. B. N.
Boxed, crated or in trunks.... 1½
Not boxed, crated or in trunks Not Taken .....
Bicycle Air Pumps, boxed..... 1
Bicycle attachments and parts N. O. I. B. N., boxed..... 1
Bicycle Brackets, used as Stands.. 2
Bicycle Tires and Inner Tubes:
Pneumatic, (see tires)
Bicycle Wheel Rims:
Wooden, crated finished.....2½ T 1
Bicycle Wheels, boxed ..... D 1
Bicycle Enamel, boxed 1
Binding Twine for Harvesters, in bales 3
Bins, Flour:
Tin, plain or japanned, boxed or crated 1½

B

Black, Lamp, in barrels or casks.. 1½
Bits, Drill, boxed..... 2
Blacking or Stove Polish:
N. O. I. B. N., in boxes or kegs.. 2
In glass or stone, packed in boxes or barrels 1
Blacking, Harness:
N. O. I. B. N., in boxes or kegs. 1
Blocks, Rigging and Tackle or Chain Blocks (iron or wood).
In packages, N. O. I. B. N..... 2
In boxes or barrels 3
Blowers, Blacksmiths', crated or racked 2
Blowers for portable forges, crated or racked 2
Board, Mill, Asbestos..... 4
Boards, Ironing and Skirt (plain and folding) 1
Boards, Stove:
Leatheroid, fibroid, iron, tin or zinc, N. O. I. B. N..... 1
Racked 2
Boxed 3
Boats, N. O. I. B. N..... 4 T 1
Boiler Handles, Cast Iron, not further finished than being bronzed:
In boxes or casks..... 4
In barrels with canvas heads.. 3
Boilers, Copper, wash..... 1
N. O. I. B. N., in boxes..... 1
Bolts, in boxes, kegs or barrels.. 4
Bolts, Stove, in boxes or kegs.... 3
Borax 3
Boxes, Cash:
In boxes, barrels and crates... 1
Boxes, Feed, iron:
N. O. I. B. N..... 2
Nested 3
Boxes, Letter and rural mail.. 1
Boxes, Tin Lunch, folded flat in boxes, barrels or crates..... 3
Boxes, Leatheroid, nested, boxed and crated 1
Boxing Gloves, boxed..... 1
Braces, Door, Iron:
N. O. I. B. N..... 2
Boxed or crated..... 3
Brackets, Hay Rack, boxed..... 4
Brackets, in barrels or boxes.... 2
Brick Siding, in packages or bundles 4
Brooms:
*In bales, racks or bundles..... 1
Brushes:
Bristle, N. O. I. B. N. and Hair, in boxes 1
Steel Bristle:
In bundles 1
In boxes 2
Vegetable Fibre, N. O. I. B. N:
In bundles 1
In boxes 2
Bucket and Mop Wringer, crated. 1
Buckets:
Galvanized, closely nested..... 2
Buckets, Minnow, boxed..... 1
Buckets, Wooden:
N. O. I. B. N..... 1
In boxes, barrels or crates..... 2
Tin, Iron, N. O. I. B. N., or wood in bundles or crated..... 2
Nested completely boxed..... 3
Building Felt, Asbestos..... 3
Butter Moulds, boxed (wood)..... 2
Butter Ladles, boxed (wood)..... 2
Butter Plates or Trays (wood).... 2
Butts, Plain Iron or Steel, in boxes 3
Butts, bronzed or japanned, in boxes 2

C

Cable:
Electric, Telephone and Power, enclosed in leas, on reels..... 3
Telegraph (wire) 3
Cages, Bird:
Boxed ..... 3 T 1
Nested, boxed 1
Calcium:
Carbide of, including Acetylene Gas Powder and Calcium and Aluminum Carbide:
*In iron drums, or in tin cans boxed or completely jacketed.. 3
Caldron and Sugar and Hog Scalders 3
Calf Weaners, boxed..... 2
Calks, Toe 4
Cane, Fishing Poles..... D 1

C

Cans:
Fruit Cans (tin):
Boxed or crated..... 1
Tin Cans, N. O. I. B. N., Tin Lard Pails, Tin Paint Pails, Lithographed Cans, Japanned Cans, Tin Oil Cans and Tin Boxes, N. O. I. B. N:
N. O. I. B. N..... D 1
Boxed, crated or jacketed..... 1
Nested, in boxes, barrels or crates 2
Lithographed Cans, wrapped with paper and crated..... 1
Oil Cans, (paper, metal trimmed):
N. O. I. B. N..... D 1
Boxed or crated..... 1
Railroad Milk Shipping Cans.. 1
Oil Cans, (glass):
In wooden jackets, boxed or crated 2
In wire jackets, boxed..... 2
Canteens, boxed 1
*Cant Hooks, Peavies, Pike Poles, Skidding Tongs, and Swamp or Lug Hooks 3
Canvas 1
Caps, Hunting, boxed..... 1
Caps or Chimney Ventilators (galvanized iron):
Racked 1½
K. D. flat in packages..... 2
Caps, Chimney, (cast iron) boxed. 4
Caps, Iron and Shaft ends, for Poles and Shafts:
In boxes or barrels..... 3
Caps, Blasting ..... D 1
Caps, Percussion (exclusive of blasting or fulminating Caps).. 1
Caps, Iron Ridge or Rolls and Valleys, nested, boxed or crated.. 2
Caps, Tin Roofing, in packages.. 3
Carborundum, in boxes or barrels 3
Carborundum Wheel, boxed..... 3
Carpet Binding (metallic) in boxes or barrels 2
Carpet Stretchers, boxed..... 2
Carpet Sweepers, boxed..... 1
Cartridge Shells:
Brass, empty 2
Paper, empty, boxed..... 1
Paper, loaded, boxed..... 2
Carts, Barrel:
Set up, on wheels..... 1½
K. D. flat..... 1
Carts, Hose, Hand..... 1
Cases, Screw and Bolt (wooden), boxed or crated..... 1
Cases, (metallic for screws, bolts and shot), in boxes or barrels... 3
Cases, Wooden Shot:
In boxes, barrels or crates..... 1
Cases, Spectacle and Eye Glass boxed 1½
Casters, Roller, packed..... 2
Castings, Stove and Furnace..... 4
Castings, Furnace and Stove, N. O. I. B. N., in barrels, with Cleated heads 4
Castings, Stove:
*N. O. I. B. N., in bundles..... 2
Crated 3
In boxes, barrels or hogsheads.. 4
*Weighing less than 100 lbs. each, loose 1
Catchers, Grass, in crates..... 2
Cement:
N. O. I. B. N., in boxes or casks. 2
Asbestos 3
Fruit Can 3
Stove and Furnace..... 3
Centers, Neck-Yoke, boxed or in barrels 2
Center Neck-Yoke and End Irons:
In boxes or barrels..... 4
In bundles 2
Chafing Dishes, boxed..... 1½
Chain, Brass, in boxes or casks... 1
Chain, N. O. I. B. N., including Plain Iron Harness Chain:
Boxed 4
In barrels or casks..... 4
Loose 2
Cable Chain, (not less than one-inch, diameter of iron, size).. 4
Chalk:
In boxes 2
Charcoal:
In barrels, hhds. or sacks..... 3
Chimney Caps, (cast iron), boxed. 4
Chimney Pipe: Fire Clay
N. O. I. B. N. 3
In crates or hhds..... 4

C

Chimney Ventilators or Caps (galvanized iron):
Racked 1½
K. D. flat, in packages..... 2
Chimney Caps, (cast iron) boxed. 4
Chimneys, Glass Lamp, in boxes, barrels, casks or crates..... 1
Chimneys, Lamp and Globes, mica in boxes or barrels..... 1
Chisels, N. O. I. B. N., boxed..... 2
Choppers or Cutters, Meat Mixers and Bone Cutting Machines:
S. U. 1
K. D., boxed 2
Churn Dashers 4
Churns, Hand, N. O. I. B. N..... 1
Churns (steel) and Frames, crated 1
Churns (tin), boxed or crated.... 1
Clamps and Brackets, Hay Rack, boxed 4
Clay, fire, in barrels..... 4
Clevises, Plow and Wagon:
*In boxes or barrels..... 4
Clippers, Hair and Horse, boxed... 2
Clips, Axle, in packages..... 2
Clips, Letter File, boxed..... 1
Clips or Clamps, Wire Rope..... 3
Clocks and Weights, boxed..... 1
Cloth, Wire, N. O. I. B. N..... 1
Cloth, Iron Wire..... 3
Clothing, Oiled, in bales..... 1
Coal Hods 2
Cobblers' Outfits, consisting of Tools, Nails, Lasts and Stands. 2
Coffee Mills, boxed..... 2
Coffee Pots:
In boxes, barrels or crates..... 1
Collars, Horse in bundles, boxes or sacks 1
Collars, Sweat, or Sweat Pads, boxed or in bales..... 2
Collars for Thimble (iron)..... 3
Compound, Wall Cleaning..... 4
Compound, Welding, in boxes or barrels 3
Conductor Pipe 1
Iron or Steel, including Straight Seam Riveted and Spiral Seam Sheet Iron Pipe, Well Casing, Rain Water Cut-offs and Elbows
N. O. I. B. N..... D 1
Boxed or crated..... 1
Nested 2
*Tin:
N. O. I. B. N..... D 1
Boxed or crated..... 1
Nested 2
Cones, Blacksmith, and mandrels, iron 4
Coolers, Water, boxed..... 1
Cordage:
Rope, N. O. I. B. N., including Hide Rope:
In bundles 1
In bales, boxes or barrels..... 2
Burlapped, in coils or on reels. 3
Twine, N. O. I. B. N., including Waxed String:
In bundles 1
In barrels, bales and boxes.. .. 2
Cord, Picture (fibre or metallic), boxed 2
Cork Pullers, Automatic, boxed... 2
Corn Knives and Hooks:
In bundles 1
In boxes 2
Corn Planters (hand), in bundles, boxes and crates..... 1
Corn Poppers:
N. O. I. B. N..... D1
Nested, boxed 1
Cotters, or Spring Keys in boxes or barrels 4
Crayons (except Artists') boxed.. 2
Cream Separators, detachable parts removed, boxed or crated..... 1
Croquet Sets, boxed..... 2
Crow Bars, (iron) 4
Crucibles:
N. O. I. B. N., in boxes, barrels, crates, hhds. or tierces..... 3
Black lead or plumbago in barrels, boxes, crates or casks..... 2
Curling Irons, in packages..... 2
Curry Combs, boxed..... 2
Cuspidors, (cast iron):
N. O. I. B. N..... 2
In boxes, barrels, hhds. or crates 3
Cut Soles, Counters, Heels and Taps 2
Cutlery (not plated), N. O. I. B. N., including Sheep Shears, boxed 2
Cutters, Kraut 2

C

Cutters, or Meat Choppers, Meat Mixers and Bone Cutting Machines:
S. U. 1
K. D., Boxed..... 2
Cutters, Feed and Ensilage set up K. D., small parts in packages.. 1

D

Dampers, Flue 3
Diggers' Post Hole..... 2
Dollies, Timber 2
Door Hangers:
Barn Door Hangers, (iron) boxed or crated 3
Parlor Door Hangers, boxed.... 2
Barn Door Rails (iron or wooden) in bundles..... 3
Barn Door Stay Rollers, in boxes or crates 3
Barn Door Stays or Holders, in boxes or crates..... 3
Door Trusses and Braces (iron):
N. O. I. B. N..... 2
Boxed or Crated..... 3
Door Knobs, Mineral, without metal attachments, in barrels or casks 3
Door Mats (wire or steel) crated or in bundles, ends cleated..... 2
Door, Screen and Window frames, S. U. 1
Doubletrees, Neck Yokes, Singletrees and Whiffletrees (for buggies, carts or carriages):
Finished 1
In the white, ironed..... 2
Doubletrees, Equalizers, Neck Yokes, Singletrees and Whiffletree, for Trucks and Wagons:
Finished 2
In the white, ironed..... 3
Doubletrees, Singletrees and Whiffletree, (iron or steel)..... 3
Drain Cleaners, in bundles..... 2
Drawers, Money, N. O. I. B. N., boxed or crated 1
Drills, Blacksmiths' iron, hand or hand and power combined, boxed or crated 2
Duck Decoy, or Geese, boxed.... 2
Dumb Bells:
Cast Iron, boxed or in barrels.. 4
Wooden, boxed or crated..... 1
Dusters, Feather and Wool boxed. 1

E

Eave Troughs (galvanized iron):
N. O. I. B. N..... 1
Nested, boxed and crated..... 2
Elbows, (see Stovepipe) 3
Emery Cloth:
Boxed 3
Emery Wheel Frames..... 1
Emery and Carborundum Wheels, boxed 3
Enamel, Bicycle, boxed..... 1
Enameled Ware (sheet iron), Sheet Steel Nickel Plated Ware and Steel Enameled Sinks:
In barrels with cloth tops..... 1½
In boxes, crates or barrels..... 1
Nested, in boxes, barrels or crates 2
*Nested, solid, in boxes, barrels or crates 3
Explosives:
Under the rules of lines operating in Milwaukee such high explosives as they will accept for transportation are classified as follows:
In lots of less than 12,000 lbs.. D 1
In lots of 12,000 lbs. and less than 20,000 lbs..... 1½
C. L. actual weight, minimum 20,000 lbs. 1
(No shipment to be rated less than 100 lbs.....

F

Fibre Ware:
N. O. I. B. N..... 1
In boxes, barrels or crates..... 2
Finish, Wall 4
Firearms (old and new) and parts of, boxed 1
Fire-places or portable grates... 3
Fittings, Iron Pipe..... 4
Fittings, including brass and bronze valves, in boxes, barrels or kegs 2

F

Fishing Poles, Cane..... D 1
Fishing Rods, jointed ...ed..... 1
Fishing Tackle, boxe 1
Fixtures, Grindstone ...n) in bundles, boxes or cr 3
Fixtures, Lamps and I ..., N. O. I. B. N:
In boxes, barrels or 1
Forks, in bundles, boxe ... crates:
Fly Paper, N. O. I. B. N., in boxes or bundles 1
Fly Paper, sticky..... 2
Not packed, not taken.....
Barley (wood or iron)..... 1
Beet, Hay and Manure..... 2
Frames, Buck Saw:
In bundles 1
In boxes, barrels or crates..... 2
Frames, Grindstone:
S. U. 1
K. D. and tied in bundles..... 3
Frames, Mantel Grate:
N. O. I. B. N., boxed or crated.. 1
Cast Iron grate frames, completely taken apart, packed flat, boxed 3
Freezers, Ice Cream..... 1
Furnaces:
Gasoline, Soldering 1½
N. O. I. B. N..... 3
Fuse and Squibs, boxed..... 1

G

Gates, Iron, N. O. I. B. N..... 2
Gates, Wire, in bundles or crated.. 3
Glass, see also Window Glass....
Glass, Plate, N. O. I. B. N., boxed, in packages exceeding 7½ ft. high or more than 15 ft. long, minimum charge 5,000 lbs..... 1
In packages not exceeding 7½ ft. high and not more than 15 ft. long 1
Glass, Rough, wired:
N. O. I. B. N., boxed or crated.. 4
Wired, polished, boxed..... 1
Glaziers' Points, boxed..... 2
Globes, Lantern, in boxes, barrels, casks or crates 2
Gloves, Boxing, boxed..... 1
Gloves, Husking, boxed..... 1
Glue, liquid, in glass, boxed..... 1
In tin, boxed..... 2
Grates, portable or fireplace..... 3
Grass Catchers, adjustable, in crates 2
Grease, see Axle Grease.
Griddles, Soapstone, boxed..... 2
Grinders, Mower Knife, boxed or crated, S. U. 1
K. D. 3
Grindstone Frames:
S. U. 1
K. D. and tied in bundles..... 3
Grindstone Fixtures (iron), in bundles, boxes or crates..... 3
Grindstones, including Pulp Grinding Stones:
N. O. I. B. N..... 4
Mounted 2
Grindstones, shipped in same package with grindstone frames
K. D., flat..... 3
Gunpowder, (common and black blasting powder of same composition); and Wood Powder, shipments to be in fire proof magazines or metallic kegs at carrier's convenience, actual gross weight of powder and packages to be charged for..... D 1
Gun Stocks 2
Gun Wads, boxed..... 1
Guns, Air, boxed..... 1

H

Hames, N. O. I. B. N., in bundles or boxes 2
Wood, (iron trimmed exclusive of plated or brass trimmed):
In bundles 2
In boxes 4
Iron, tinned or japanned, boxed. 3
Hammers 2
Hammock Spreaders, in packages. 3
Hammock Stands, K. D., in bundles or crates 2
Hammocks, N. O. I. B. N.:
In boxes 1
In bundles 1½
In bales 1

H

Handles:
Handles, Axe
In boxes or [illegible] 4
Wooden, N. O. I. B. N.:
In bundles 3
Boxed or crated 4
Handles, Boiler, cast iron not further finished than being bronzed:
In boxes or casks 4
Handles, Sad iron, in packages 2
Handles or Whip Sockets:
In bundles 1
In boxes or crates 2
Hangers, see door hangers.
Hangers, Joist, post caps and building anchors:
In bundles, boxes or casks 4
Loose 2
Hardware, N. O. I. B. N., in packages 2
Hardware, Saddlery, in boxes or casks 2
Harness:
N. O. I. B. N., in bundles, boxes or bales 1
Steel, in packages 2
Hasps, see Hinges.
Hatchets and Hammers 2
Hay Bale Ties (iron or wire) in packages 4
Hay Carriers and Hay Carrier Returners 2
Hay Carrier Track, in bundles 3
Hay Knives:
In bundles 1
In boxes 2
Hay Pulleys, in boxes or barrels. 3
Hay Rack Clamps and Brackets, boxed 4
Hinges, (blind, gate and strap) Hasps and plain iron or steel butts in boxes, barrels or kegs 3
Hinges, Spring, in boxes 2
Hitching Weights:
Loose 1
In boxes or casks 4
Hods, Mortar and Brick 2
Hods, Coal 2
Hoes:
N. O. I. B. N., including Rotary Hoes, in bundles, boxes or crates 2
Hoes, Eye and Grub, in boxes or barrels 3
Hoes, Wheel, boxed or crated 1
Hoes, Wheel and seed drills combined, boxed and crated 1
Hoes, Wheel and cultivators, combined, boxed or crated 1
Hog Rings, in boxes, barrels or kegs 4
Hollow-Ware and Stove Furniture, made of cast or sheet iron, or steel; but exclusive of enameled sheet iron articles and tin or galvanized iron articles:
N. O. I. B. N. 2
Crated 3
In boxes, barrels or hhds. 4
Hooks, Cant, Peavies, Pike Poles, Skidding Tongs, and Swamp or Lug Hooks 3
Hooks, Ice, in bundles 2
Hooks, Potato, in bundles 2
Hoop Iron 4
Horse Clippers 2
Horse Collars, in bundles, boxes or sacks 1
Horse and Mule Shoes and Toe Calks, in boxes, kegs or casks. 4
Hose:
Leather or canvas, N. O. S., in packages 1
Boxed 2
Hose, metallic, flexible, in coils, boxed 1
Rubber and cotton or canvas, rubber lined. In burlaps or boxes 1
Hose Clamps 2
Hose Reels:
Folding, folded flat, tied in bundles 1
Garden or Lawn, N. O. I. B. N.:
S. U. D 1
K. D., in packages 1
Iron, K. D., in packages 2
Hose Sprinklers, in packages 2
Husking Gloves, boxed 1
*Husking Pins 2

I

Ice Cream Freezers 1
Indian Clubs, in barrels or boxes 2
Iron and Steel, Angle, Bar, Band, Channel, Corrugated Galvanized, Hoop-Rod, Sheet and Tank 4
Iron Bands 4
Iron, Corrugated 4
Iron, Galvanized 4
Iron, Hoop 4
Iron, Sheet 4
Ironing, Lap and pastry Boards. 1

J

Jacks, Jack Screws and Levers, N. O. I. B. N. 3
Jacks, Wagon, Hand, Loose 1
Boxed or crated 2
Jars, Fruit, glass 3

K

Kettles:
Caldron and Sugar and Hog Scalders 3
Camp Kettles, boxed 1
Knives and Forks, boxed:
Iron 3
Tinned Iron 2
Knives Corn:
In bundles 1
In boxes 2
Knives, Hay:
In bundles 1
In boxes 2
Knives, Hunting, boxed 1
Knobs, Base, in packages 2
Knobs, Door, Mineral, without metal attachments, in barrels or casks 3
Kraut Cutters 2

L

Lace Leather, in bales 2
Lacing, Belt, iron boxed 1
Ladders:
*Painters' Horses, K. D. flat in bundles 4
Step Ladders, Step Ladder and Chair combined, and Step Ladder and Ironing Board combined:
In bundles 1
In crates, racks or boxes 2
N. O. I. B. N. 1
Ladles, Butter (wood), boxed 2
Lamp and Carbon Black in barrels or casks 1½
Lamp Chimneys, Glass, in boxes, barrels, casks or crates 1
Lamp Chimneys and Globes, mica, in boxes or barrels 1
Lamps and Lamp Fixtures, N. O. I. B. N.:
In boxes, barrels or hhds. 1
Not packed, Not Taken
Lantern Globes, Glass, in boxes or barrels 2
Lanterns, in boxes, barrels, casks or crates 1
Not packed, Not Taken
Lantern Frames, in boxes, barrels, casks or crates D 1
Lasts and Shoe Stands, Cast Iron, in boxes or casks:
N. O. I. B. N. 3
Lasts, N. O. I. B. N., in boxes or barrels 2
Lath (Sheet Metal) including expanding metal flooring and lath perforated iron or steel lath. 3
Lath (wire) and fastenings 3
Lawn Mowers, handles in bundles, other parts boxed 2
Lawn Mower Handles, in bundles. 1
Lawn Swings, wooden: 3
Lead, Bar in sacks or boxes 4
Lead, Block, boxed 4
Lead, Pig 4
Lead, Sheet, in rolls, platted 4
Lead, Sheet, Flat, boxed 4
Lead, Sheet, in rolls, boxed 4
Lead Washers, boxed 3
Leather, N. O. I. B. N., in bundles or rolls 2
Leather, Harness or Sole, in rolls. 2
Leather, Lace, in bales 2
Leather Washers, boxed 1
Leggings, boxed 1
Linoleum, floor oilcloth, and cork carpet, 13 ft. or over in length:
Boxed or crated 1
Not boxed or crated D 1
Under 13 ft. in length:
Boxed or crated 2
Not boxed or crated 1

M

Machinery:
Blowers, Blacksmiths', crated or racked 2
Blowers for portable forges, crated or racked 2
Forges:
Portable 2
Stationary Blast:
S. U. 1½
K. D., in pieces 1
Completely K. D. and boxed 2
Glass Water Gauges 1½
Grain Testers:
Boxed 2
N. O. I. B. N. 1
Hoisting Machines:
Derricks, Farm, K. D. 3
Derrick Timbers, Lumber Tariff Rates 4
Rope, N. O. I. B. N.
Laundry Machinery:
Mangles, boxed or crated 1
Washing Machines (power) boxed or crated 1
*Machines for Shearing Bar Iron:
S. U. 2
K. D. 3
Mangles, Hand:
N. O. I. B. N. D 1
Boxed or crated 1
Meat Choppers or Cutters, Meat Mixers and Bone Cutting Machines:
S. U. 1
K. D., boxed 2
Mills:
Grain Grinding N. O. I. B. N., including corn and cob mill N. O. I. B. N. but exclusive of grain cleaning machines or fanning and roller mills 2
Coffee, boxed 2
Pulleys, N. O. I. B. N.:
Loose 1
Boxed 2
Iron Pulleys, weighing 100 lbs. each or over 2
Pulleys and Hangers, combined, boxed 2
*Pumps, N. O. I. B. N. 1
Riveting Machines, S. U. 2
Sewing Machines, N. O. I. B. N.:
Completely K. D. and boxed 2
S. U., boxed or racked 1
Not boxed or racked, Not Taken.
Parts of:
Attachments, N. O. I. B. N., boxed 1
Castings, boxed 3
Castings, in bundles 1
Heads, boxed 1
Woodwork, boxed, wrapped or racked 1
Shafting (iron), with or without couplings attached 4
Wrought or cast, with pulleys or wheels attached 1
Shearing Machines, N. O. I. B. N.:
S. U. 1½
*Spraying Machines (hand), boxed or crated 3
Minimum C. L. weight 24 000 lbs. A
Tire Benders, Punches and Shears combined and Bull-dozers 3
Tire Setters, cast iron or steel, without legs or legs detached, small parts boxed 4
Tire Shrinkers (iron) 3
Tire Upsetters 3
Tool Grinding Machines, K. D. frames in bundles, machine parts boxed 2
Valve Cups, in boxes or bundles:
Leather 2
Rubber 1
Mandrels and Cones, Blacksmiths' (iron) 4
Mangers and Feed Racks:
N. O. I. B. N. 2
Nested, crated 3
Mantles, Gas, Incandescent D 1
Mats, door, wire or steel, crated or in bundles, ends cleated 2
Mattocks, in boxes or barrels 3
Mauls, Post:
Loose 1
In boxes or barrels 4
Measures, including Steel Baskets:
N. O. I. B. N., (iron) 1
Closely nested (iron) 3
Measures, Tape, boxed 1

M

Measures, Wood, N. O. I. B. N.. 1
Measures, Wood, boxed or crated. 2
Meat Choppers or Cutters, Meat Mixers and Bone Cutting Machines:
S. U. 1
K. D., boxed 2
Metal, Babbitt 3
Metal Polish (liquid), boxed..... 2
Mills, Coffee, boxed..... 2
Minnow Buckets, boxed 1
Mixers, Dough, (See Machinery)
Money Drawers, N. O. I. B. N., boxed or crated..... 1
Mops:
In bundles 1
In boxes 2
Moulds, Butter, boxes..... 2
Movers or Pusher, Car, in boxes, barrels or crates 3
Mowers, Lawn, Handles in bundles, other parts boxed..... 2
Handles in bundles, other parts crated 1
Mowers, Lawn, Handles, in bundle 1

N

Nails:
Hungarian Nails, in boxes, barrels or kegs 3
Iron Tacks (including double pointed tacks), and Carpet Nails, in boxes or kegs..... 3
Shoe, in boxes, barrels or kegs.. 3
Iron Nails:
In bags 2
Horse, in boxes or kegs..... 3
Trunk, in boxes, barrels or kegs 4
Wire:
In kegs 4
Wire, N. O. I. B. N., (iron and steel wire nails only):
In boxes 3
In bulk, in kegs, at actual weight but not less than 108 lbs. per keg 4
Iron Nails and Spikes, N. O. I. B. N. in boxes or in kegs at actual weight, but not less than 108 lbs. per keg 4
Neckyoke Centers, boxed or in barrels 2
Neckyoke Centers and End Irons:
In boxes or barrels..... 4
In bundles 2
Neckyoke Wood, see Doubletrees.
Netting, woven wire, in rolls... 3
Nuts, in boxes, kegs or barrels... 4

O

Oars, in bundles or boxes..... 2
Oil Cans (glass):
In Wooden Jackets:
Boxed or Crated..... 2
In Wire Jackets:
Boxed 2
Oil Cans (paper, metal trimmed):
N. O. I. B. N..... D 1
Boxed or crated..... 1
Oil Cloth, see Linoleum
Oils:
Oils N. O. I. B. N.....
In glass or stone, in open boxes or kegs ..... D 1
In tin cans, jacketed..... 1½
In tin kegs, flat tops, enclosed in veneer or sheet metal jackets. 1
In glass, boxed 1
In tin cans (round or square), boxed 1
Linseed and Corn Oil:
In barrels, in cans boxed or in tin cans with flat tops covered with veneer jackets..... 3
*Linseed Oil, in jacketed cans... 2
Lubricating Oil, N. O. I. B. N.:
In tin cans, boxed..... 3
In tin kegs, with flat tops, enclosed in veneer or sheet metal jackets 3
In jacketed cans with conical tops 2
Gasoline and Refined Oil (illuminating or burning) and kerosene 4
Oil Pumps, for oil tanks, boxed.. 1
Ovens, for Gas, Oil and Vapor Stoves, in separate packages:
S. U. 1½
K. D., flat and boxed..... 2
Sheet Iron Ovens, nested..... 2

P

Packing:
Asbestos, N. O. I. B. N., in rolls or boxes 3
Asbestos Mill Board..... 4
Flax in packages..... 2
Hemp 3
Metallic, in boxes or bundles... 2
Pads, Horse Shoe, boxed:
Canvas and iron combined..... 2
Leather 2
Rubber 1
Pads, Sweat Pads or Collars, boxed or in bales..... 2
Pails and Buckets, galvanized, closely nested 2
Pails, Tin Paint Pails, Lithographic Cans, Japanned Cans and Tin Boxes, N. O. I. B. N.:
N. O. I. B. N..... D 1
Boxed, crated or jacketed..... 1
Nested, in boxes, barrels or crates 2
Pails, wooden, in boxes, barrels or crates 2
N. O. I. B. N..... 1
Paints and Varnish:
Bicycle Enamel, boxed..... 1
Bronze Powders, Flitters, Metallic Brocade, and Bronze Paint, boxed 1
Lamp and Carbon Black, in barrels or casks 1½
Pans, Dripping, nested solid, in bundles, securely fastened..... 3
Paper, prepared roofing 4
Building, Roofing, Felt for Carpet Lining, and Felt for Roofing 3
Fly, N. O. I. B. N., in boxes or bundles 1
Fly, Sticky 2
Sand, (including flint paper), in boxes, bundles or rolls..... 2
Toilet, in bundles or rolls, boxed or crated 2
Bags, N. O. I. B. N., in bundles or boxes 3
Bags, Printed, in bundles or boxes 2
Wrapping Paper, N. O. I. B. N., in rolls, bundles, boxes or crates 3
Parers, Apple, in boxes or crates.. 2
Pencils, Lead, boxed..... 1
Picket Pins:
In bundles 2
In barrels 3
Picture Cord (fibre or metallic) boxed 2
Pipe Conductor:
Iron or Steel, including Straight Seam Riveted and Spiral Seam Sheet Iron Pipe, Well Casing and Rain Water Cut-Offs and Elbows:
N. O. I. B. N..... D 1
Iron or Steel Pipe, N. O. I. B. N. cast or wrought, welded or seamless 4
Boxed or crated 1
Nested 2
*Tin or Galvanized:
N. O. I. B. N..... D 1
Boxed or crated..... 1
Nested 2
Planes, Hand, boxed..... 2
Planters, Corn (hand), in bundles, boxes or crates..... 1
Plated Ware, N. O. I. B. N., (gold and silver plated ware only) boxed 1½
Poles, Cane Fishing..... D 1
Poles, Tent, wooden, in bundles.. 3
Polish, Furniture, in glass or tin, boxed 1
Polish, Metal (liquid) boxed..... 2
Polish, Shoe or Dressing:
N. O. I. B. N., in boxes or kegs. 2
In glass, packed in boxes..... 1
Polish, Stove:
N. O. I. B. N., in boxes or kegs. 2
In Glass or stone packed in boxes 1
Poppers, Corn:
N. O. I. B. N..... D 1
Nested, boxed 1
Post Hole Augers..... 2
Post Hole Diggers..... 2
Potato Mashers, boxes..... 2
Powder:
Powder, Giant, boxed..... D 1
Minimum charge 100 lbs.....
Gunpowder, black ..... D 1
Primers, boxed 1
Pruners, Tree, in bundles..... 1
Pulleys, N. O. I. B. N.:
Loose 1
Boxed 2
Iron Pulleys, weighing over 100 lbs. each 2
Pulleys and Hangers combined, boxed 2
Pulleys, Hay, in boxes or barrels. 3

P

Pumps, Bicycle Air, [illegible]..... 1
Pumps, Oil, for Oil [illegible], boxes. 1
Pumps, (Iron):
N. O. I. B. N., in bo[illegible] or casks. 3
Loose 1
Punches, see Tire Benders.
Putty:
In barrels, casks or tubs, in tin cans boxed, or in tin kegs, flat tops, enclosed in veneer or sheet metal jackets 4
In Cans, not boxed..... 2
In corrugated steel drums with wooden heads 3

R

Rakes, in bundles, boxes or crates:
Wooden 1
Iron 2
Razor Strops, boxed..... 1
Reels, Hose:
Garden or Lawn, N. O. I. B. N.:
S. U. ..... D 1
K. D. in packages..... 1
Iron, K. D., in packages..... 2
Refrigerators:
N. O. I. B. N. (with or without Beer Pump Attachment inside), and Slides, (slides in packages). 2
Registers, in boxes or crates..... 3
Riddles, in bundles.. ..... D 1
Riddles, in boxes..... 1
Rims, Bicycle:
*Steel, boxed or crated..... D 1
Wooden, Finished .....2½ T 1
Rings, Hog, in boxes or kegs.... 4
Rivets, Copper:
N. O. I. B. N..... 1
In boxes, barrels or casks..... 2
Rivets, Iron, in boxes, kegs or barrels:
Coppered Iron 3
Plain 4
Rivets, Tubular or Slotted, in boxes, barrels or kegs..... 1
Rods, Cleaning, boxed 1
Rods, Fishing, Jointed, boxed.... 1
Rollers, Barn Door, in boxes or crates 3
Rollers, Garden and Lawn..... 2
Rolling Pins, boxed or crated.... 2
Rope and Lath Yarn, N. O. I. B. N.:
In bundles 1
In bales, boxes or barrels..... 2
Rope, Wire, N. O. I. B. N., in coils or on reels 4
Rosin, in barrels or boxes..... 4

S

Saddlery, N. O. I. B. N.:
In boxes 1
In bales 1
Sad Irons, Electric and Gasoline. 1
Sad Irons, N. O. I. B. N., and Sad Iron Stands, in boxes or barrels 4
Sad Iron Handles, in packages.. 2
Sad Iron Handles, shipped with the Irons of which they form a part, are ratable same as Sad Irons.
Safes and Safe Doors, (iron), loaded and unloaded by owner:
Each weighing less than 5,000 lbs. .....
Each weighing 5,000 lbs., and les than 10,000 lbs..... 3
Each weighing 10,000 lbs. and over 2
Sash Balances or Pulley, in boxes, kegs or barrels..... 1
Sash Weights:
N. O. I. B. N..... 2
Strung on cord or in barrels or boxes 2
Sawbucks, K. D..... 4
Saws:
On boards 1
In boxes 2
Circular Saws and Frames..... 1¼
K. D., in pieces..... 1
Circular Saw Frames, completely K. D., in racks or bundles..... 2
Drag Saws:
With horse power..... 2
Without horse power, K. D., in bundles 2
Scales, warehouse, track and wagon, small parts, boxed..... 2
Scales, Assayers and prescription boxed ..... D 1
Scales, N. O. S., and Scale Beams:
Boxed 2
Not boxed 1
Scale Beam Boxes 2
Scale Frames (for platforms of wagon scales), Steel, completely K. D. 4

S

Scale Testing [illegible]nts:
Boxed 4
Loose 1
Scale Weights, [illegible] S., boxed..... 4
Scrapers, Drag [illegible]. S..... 3
Screens:
Door and [illegible]w (wire) and cleated and [illegible]d crated..... 1
Screens:
Sand, Foun[illegible] or Coal, (Not Riddles) 1
Screws, Bench[illegible]on or wood) N. O. S. 2
Screws, N. O. [illegible]n boxes or kegs. 2
Screws, Brass 1
Screws, Jack [illegible] Lever, N. O. S... 3
Screws, Lag, [illegible]gs or barrels.... 4
Scythes:
In bundles 1
Boxed 2
Scythe Snaths, in bundles, boxes or crates 1
Scythe Stones, in boxes, barrels or crates 3
Separators, Cream, detachable parts removed, boxed or crated..... 1
Sewing Machine and Cycle Oil, (all kinds) in barrels..... 3
In glass or tin cans, boxed..... 1
Sewing Machines, N. O. I. B. N.:
Completely K. D. and boxed..... 2
S. U., boxed or racked..... 1
Not boxed or racked, Not Taken.
Parts of:
Attachments, N. O. I. B. N., boxed 1
Castings, boxed 3
Castings, in bundles..... 1
Heads, boxed 1
Woodwork, boxed, wrapped or racked 1
Shafting, Plain Iron..... 4
Shears, Sheep, boxed..... 2
Shears, see Tire Benders.
Sheet Copper:
N. O. I. B. N..... 1
In boxes, barrels or casks..... 2
Sheet Iron 4
Sheet Zinc, in casks..... 4
Sheet Zinc, in rolls..... 1
Shells:
Brass, empty 2
Paper, empty, boxed..... 1
Paper, loaded, boxed..... 2
Shelves, Stove Pipe (iron), boxed. 3
Shingles, Tin, Iron or Steel, in packages 4
Shoes, Horse and Mule, in boxes, kegs or casks..... 4
Shoe Soles and Taps..... 2
Shoe Nails, boxed..... 3
Shot:
In bags, N. O. I. B. N..... 1
In bagss, boxed or in sealed paper capsules, boxed..... 3
In bags, enclosed in gunnies.... 3
In kegs 3
In boxes 2
Shovels and Spades, in bundles, boxes or crates..... 2
Shovels, Snow (wood):
N. O. I. B. N..... 1
Crated 2
Shovels, Fire, boxed..... 2
Shrinkers, tire, (iron)..... 3
Siding, iron, rockface and steel brick siding, in packages..... 4
Sieves, N. O. I. B. N.:
Loose ..... 3 T 1
In bundles ..... D 1
In crates 1½
In boxes 1
Sifters, Ash, in boxes, crates or bundles 1
Singletree Irons, Wagon, with or without rings attached:
In boxes or barrels..... 4
In bundles 2
Sinks, Iron and enameled iron sink backs, N. O. I. B. N..... 2
Nested or boxed..... 3
Sinks, steel enameled in boxes, crates or barrels..... 1
Nested in boxes, crates or barrels 2
Nested Solid in boxes, crates or barrels 3
Skates, Ice and Roller, boxed..... 2
Skees, in bundles..... 1
Skeins, Wagon and Axleboxes:
N. O. I. B. N. 3
In boxes, barrels or casks..... 4
Slings, Hay, in bundles..... 2
Sleds and Sleighs, Children's:
Set Up ..... D 1
K. D., flat, boxed or crated..... 1
Sleds, Clipper, wooden runners, nested, crated or securely cleated 1
Solder:
In boxes 2
Wire Solder on reels, slatted or boxed or crated..... 3
Soldering Salts, boxed..... 1
Soles, counters and taps, leather... 2

S

Spades and Shovels, in bundles, boxes or crates..... 2
Spikes, Iron, N. O. I. B. N., in boxes or kegs 4
Springs, Wire, Coiled, N. O. I. B. N.:
In bundles 1
In boxes, barrels or casks..... 2
Nested, in boxes or barrels..... 3
Bolster 3
Carriage, Wagon and Wagon Seat 3
Stamped Tinware, nested solid in in boxes 3
Staples, Wire Fence, in boxes or kegs 4
Staples, in boxes, kegs or barrels:
Coppered Iron 3
Plain 4
Step Ladders, Step Ladder and Chair Combined and Step Ladder and Ironing Board Combined:
In bundles 1
In crates, racks or boxes..... 2
N. O. I. B. N..... 1
Sticks, Hockey, boxed or crated.. 1
Stirrups, metal in boxes or crates. 2
Wooden, in bundles or sacks.... 2
Wooden, in boxes or crates..... 3
Stove Polish or Blacking:
N. O. I. B. N., in boxes or kegs... 2
In glass or stone, packed in boxes or barrels..... 1
Stove Boards, Leatheroid, Fibroid, iron, tin or zinc:
N. O. I. B. N..... 1
Racked 2
Boxed 3
Stove Bolts in boxes or kegs... .. 2
Stove Mats, Asbestos..... 2
Stovepipe, Stovepipe Elbows and Stovepipe Thimbles:
N. O. I. B. N. ..... D 1
Stovepipe, boxed or crated..... 1½
Stovepipe Elbows:
In uniform bundles of one dozen each (four elbows, ends lapped in a ring, three rings wired securely together) or crated..... 1½
Packed in boxes..... 1
Stovepipe Thimbles, boxed or crated 1
Stovepipe, nested, boxed or crated. 2
Stovepipe Iron, cut in shape for stovepipe and stovepipe side seams not closed, nested solid, boxed or crated..... 4
Stovepipe Shelves, Iron, boxed.... 3
Stoves, Skeleton Frame, Gasoline, Gas, Oil, Alcohol or Vapor:
With ovens in same package, or without ovens, boxed or crated... 1
Gas Furnaces, (sheet iron) and Sheet Iron Camp Stoves and Fixtures, boxed or crated..... 1¼
K. D., flat, boxed..... 2
Tank Heaters, (including feed steamers and cookers and furnace kettles) 3
Thimble Collars (iron)..... 3
Air Tight Heaters, (sheet iron) with Cast Iron Tops and Trimmings or with Cast Iron Linings. 3
Air Tight Heaters (sheet iron) with Sheet Iron Tops, taken apart, bodies nested, all parts crated 3
Air Tight Heaters, (sheet iron) N. O. I. B. N., crated..... 1
Stretchers:
Barbed Wire Stretchers, Lifters and Twisters:
In bundles 1
In boxes or barrels..... 3
Carpet, boxed 2
Curtain, K. D., flat..... 2
Striking Bag Platforms, crated.
Strips, weather:
N. O. I. B. N., in bundles..... 1
Metal, in bundles..... 2
Zinc, boxed or crated..... 3
Stuffers, Sausage:
S. U. 1
K. D., boxed..... 2
Sweat Collars or Sweat Pads, boxed or in bales..... 2
Sweepers, Carpet, boxed..... 1

T

Tackle or Chain Blocks, (iron or Wood):
In packages, N. O. I. B. N..... 2
In boxes or barrels..... 3
Tacks:
Iron Tacks (including double pointed tacks), and Carpet Nails, in boxes or kegs..... 3
Shoe, iron or steel, in boxes, barrels or kegs..... 3
Tacks, Brass-headed, in kegs or boxes 2
Tags:
Paper, boxed 2
Tin, boxed 2

T

Tanks, Oil, Hooded, boxed or crated 1½
Hoods packed flat inside tanks crated 1
Oils, N. O. I. B. N., boxed or crated 1
Not boxed, crated ar jacketed.. 3 T 1
Tape Measures, boxed..... 1
Target Traps, Sportsman's:
In boxes or barrels..... 2
Targets:
Sportsmen's Flying Targets (clay or pitch), in boxes or barrels.... 3
Sportsmen's Flying Target Traps, in boxes or barrels..... 2
Tarpaulins 1
Tent Pins, Poles and Keys, wooden, in bundles 3
Tents and Fixtures..... 1
Thermometers, boxed ..... D 1
Thimbles, Stove Pipe, boxed or crated 1
N. O. I. B. N..... D 1
Ties, Hay Bales (Iron or Wire).... 4
Ties, Brick in boxes or barrels.... 4
Wall,, steel, in bundles..... 4
Tin Can Stock (tops, bottoms and sides), packed flat, boxed or crated 4
Tin, Japanned or Enameled, N. O. I. B. N., in sheets, flat, boxed.... 2
Tin, Lunch Boxes, folded flat, in boxes, barrels or crates..... 3
Tinware, N. O. I. B. N., including Fruit Tree Sprayers, Galvanized Sheet Iron Coffee Pots and Wash Boilers, Galvanized Iron Sugar Moulds, Tinned Iron Meat Forks, Tinned Iron Spoons, Metallic Material for Powder Kegs, N. O. I. B. N., Tin Sleves; Tin Sifters and Tin Typewriter Covers:
In boxes, barrels or crates..... 1
Nested, in boxes, barrels or crates 2
Nested solid, in boxes, barrels or crates 3
Loose ..... D 1
Tires:
Automobile, Carriage or Buggy:
Pneumatic, boxed 1
Solid rubber 1
Bicyclee Tires and Inner Tubes, Pneumatic:
Boxed 1
Wagon (iron or steel), loose.... 2
In bundles 3
Tire Benders, iron..... 3
Tire Benders, Punches and Shears combined and Bulldozers..... 3
Tire Setters, cast iron or steel, without legs or legs detached, small parts boxed..... 4
Tire Shrinkers (iron)..... 3
Trie Upsetters 3
Tobacco Cutters, Hand, boxed..... 2
Toilet Paper Boxes or Holders, in packages 2
Tools:
Axes 2
Blacksmiths' Anvil Tools, viz: Cold and Hot Cutters, Countersink Chisels, Flatters, Headers, Fullers, Punches, Hardies, Set Hammers and Swages:
In boxes, barrels or drums..... 3
Blacksmiths' Cones and Mandrels, (iron) 4
Blacksmiths' Drills (iron) Hand or Hand and Power combined, boxed or crated..... 2
Buck Saw Frames:
In bundles 1
In boxes, barrels or crates..... 2
Cant Hooks, Box Clamps (for closing tree boxes), Peavies, Pike Poles, Skidding Tongs and Swamp or Lug Hooks..... 3
Clamps, Machinists' and Carriage, in boxes or barrels..... 2
Clinker Hooks, crated..... 2
Crow Bars, Iron and Railroad Tamp Bars, iron..... 4
Dies, thread cutting, boxed..... 2
Drain Cleaners, in bundles..... 2
Forks, Coke or Tanners', in bundles 2
Grub Hoes, in boxes or barrels.. 3
Hatchets and Hammers..... 2
Ice Hooks, in bundles..... 2
Mattocks, in boxes or barrels..... 3
Mechanics' Tools (chests and contents):
Oilers, Automatic, hand, boxed.. 1
Pipe Benders and Cutters in boxes or barrels..... 2
Pipe Tongs, boxed..... 3
Planes, Hand, boxed..... 2
Plane Bodies, boxed..... 2
Post Hole Augers..... 2
Post Hole Diggers..... 2
Post Maul Heads, strung on wire 4

T

Rules, boxed	2
Sawbucks, K. D.	3
Saws:	
On boards	1
In boxes	2
Circular Saws and Frames	1½
K. D., in pieces	1
Circular Saw Frames, completely K. D., in racks or bundles	2
Drag Saws:	
With horse power	2
*Without horse power, K. D., in bundles	2
Scrapers, Double End	2
Tools, N. O. I. B. N., boxed	2
Wagon Jacks (hand):	
Loose	1
Boxed or crated	2
Wrenches:	
Cast Iron, boxed	3
Chain Pipe, boxed	3
Drop Forge and Cast Iron without attachments, in boxes, barrels or kegs	4
Monkey or screw, boxed	2
Yard Sticks, boxed	2
Torches, Campaign:	
In boxes, barrels, casks or crates	1
Torches, Painters' (apparatus burning off paint), boxed	1½
Track, Hay Carrier, in bundles	3
Traps:	
Animal (steel), in barrels or boxes	2
Animal or Bird, packed flat in bundles	1
Fly, boxed	1½
Rat, N. O. I. B. N.:	
In bundles	1
Boxed	2
Wire, in boxes or crates	1½
Tree Pruners, in bundles	1
Tricycles and Velocipedes, N. O. I. B. N.:	
Boxed, crated or in trunks	D 1
Not boxed, crated or in trunks	
Not Taken	
Trough, Eave (galvanized iron):	
N. O. I. B. N.	1
Nested, boxed or crated	2
Trucks:	
Hand:	
Baggage, Express and warehouse N. O. I. B. N.	1
Tubs, galvanized, and	2
Pails, closely nested	
Tubs (wooden), N. O. I. B. N.	1
In boxes, barrels or crates	2
Turpentine:	
In glass, cans or stone jugs, in open boxes, kegs or jackets	D 1
Turpentine, in glass, cans or stone jugs, not packed. Not Taken.	
In cases, or in cans (square or round), boxed, or in tin kegs, with flat tops and enclosed in veneer or sheet metal jackets	1
In barrels or in iron drums	2
Tuyeres, Iron	3
Twine, N. O. I. B. N., including Waxed String:	
In bundles	1
In barrels, bales and boxes	2
Twine, Binding, for Harvesters, in bales	3

U

Upsetters, Tire	3

V

Vault Fronts, iron	3
Ventilator Frames, and Ventilators (skylight):	
Racked	1½
K. D., flat, in packages	2
Ventilators, Wall, boxed or crated	2
Gratings, cast iron, for wall ventilators	3
Vises	2

W

Wagons, Carts and Wheelbarrows, Children's:	
Set up	D 1
Boxed or crated	1½
K. D., in bundles	1
K. D., flat, boxed or crated	2

W

Washboards:	
Metal, in bundles, securely cleated	2
Washers, Iron, strung on cord or in boxes or barrels	4
Washers, Lead	3
Leather, boxed	1
Washing Machines, Hand, including Tub Bottle Washing Machines:	
Boxed, crated or racked	1
Not boxed, crated or racked	D 1
Waste:	
Cotton, in bales	3
Steel, in packages	1
Wool, in sacks	1
In bales, machine compressed	2
Water Coolers, boxed	1
Wax, N. O. I. B. N.	1
Floor, powdered or chipped, in barrels or boxes	1
Shoe and Harness	2
Weaners, Calf, boxed	2
Weather Strips, see Strips.	
Wedges (iron), boxed	1
Weights:	
Hitching, loose	1
In boxes, casks or bundles	4
Sash, N. O. I. B. N.	2
Strung on cord or in barrels or boxes	4
Wheels:	
Iron, N. O. I. B. N., including Iron Well Wheels and Iron Sprocket Wheels	2
Wheel-Barrows:	
*S. U.	1
K. D., flat and compact (trays or seats to be removed from frames and nested together in bundles, frames to be tied or fastened together in bundles, legs detached or laid down flat, wheels to be also detached and tied together or packed	2
packed	2
K. D., flat and compact (wheels removed and packed flat in trays, legs and braces packed in trays or laid down flat)	2
Wheels, Emery, Alundum and Carborundum, boxed	3
Whet Stone, boxed	3
Whiffletrees (for buggies, carts or carriages):	
Finished	1
In the white, ironed	2
Whips, Whip Handles and Whip Stocks, N. O. I. B. N.:	
In bundles	1½
Boxed	1
Whip Sockets (wooden):	
In bundles	1
In boxes or crates	2
Window Cleaners, Rubber, boxed	1
Window Glass, common:	
External measurement of package exceeding 86 united inches (length and width added)	1
External measurement of package not exceeding 86 united inches (length and width added)	2
External measurement of packages not exceeding 68 united inches (length and width added).	4
Wire Cloth, N. O. I. B. N.	1
Wire Cloth (iron wire, exclusive of mesh or finer)	3
Wire:	
N. O. I. B. N.	2
Aluminum Wire, in packages	1
Barbed Wire	4
Brass, Bronze or Copper, plain or insulated	2
Fence, Barbed and Telegraph, iron or steel	4
Iron, covered or insulated	4
Steel or Iron, plain, coppered, galvanized or tinned, in bundles, rolls, boxes, barrels or casks	4
Woven (for mattresses) in rolls, boxed	2
Wire Netting, see Fencing:	
Wire Stretchers:	
Barbed Wire Stretchers, in barrels with cloth tops	2
Barbed Wire Stretchers, Lifters and Twisters:	
In bundles	1
In boxes or barrels	3

W

Wire Goods, N. O. I. B.	
N. O. I. B. N.	D 1
Flat or nested, boxed	1
Wire Work, N. O. I. B. N.	D 1
Wooden Ware and W Fiber Ware, consisting of t ollowing articles:	
Boards, Ironing; Lap Pastry Boxes; Axle Grease; B Butter and Cheese; Bowls; B ; Cabinets, Spice; Caddl Tea; Churns, Hand; Cuspid Faucets, Wooden; Kegs. and Drums; Mashers, Potat Measures; Moulds and Spades utter; Pails; Pins, Clothes; Pl Rolling; Reels, Rope; Roller owel; Scoops and Spoons; wers, Squeezers, Lemon; Tray Chopping; Tubs, Butter, Fis Lard and Wash.	
Articles above enumerated	
N. O. I. B. N.	1
In boxes, barrels or crates	2
Barrels (L. C. L. shipments to take minimum weight shown under cooperage)	1
Benches, Wash, K. D.	2
Boards, Wash, in bundles, securely cleated	2
Buckets, including Ore Buckets	1
Covers, barrel, boxed or crated	2
Dashers, Churn	4
Driers, Clothes (for outside use), reels, boxed or crated	2
Handles, Axe and Mop	3
Plates and Trays (veneer or wood pulp), in boxes, barrels or crates, or nested in basket bales	2
Racks, Clothes Drying, boxed or crated, or tops cleated and bottoms tied	2
Sieves (wood rim), boxed or crated	1
Tubs and Covers, Butter and Lard, nested in bundles, securely fastened with wood strips	2
Tubs, Butter and Lard, in packages, containing three or more tubs, completely nested with cover of outside tub securely fastened	2
Plates (wooden), including Wooden Butter Dishes, boxed or crated or nested in basket bales	2
Work Benches:	
Manual School, Machine Shop Benches	2
Wrenches:	
Cast Iron, boxed	3
Chain Pipe, boxed	3
Drop Forged and Cast Iron, without attachments, in boxes, barrels or kegs	4
Monkey or Screw, boxed	2
Wringers:	
Clothes or Mop, Hand, N. O. I. B. N.	D 1
Boxed or crated	2
*Wash Benches, K. D., or folded	2
Combined Steel or Wood Bucket and Mop Wringer, crated	1

Y

Yarn Lathe: See Rope.	
Lath Yarn and Bale Rope; See Rope.	
In coils or on reels	3
Yokes, Neck:	
See Doubletrees.	

Z

Zinc:	
Dross	4
Flue Dust	4
Pigs or Slabs	4
Sheet, in casks	4
Shavings	2
Sheet or Roll, not packed	1

NOTE.

The foregoing information concerning classification is compiled from publications furnished by the transportation companies, and we therefore, although it has been very carefully prepared, do not hold ourselves responsible for its accuracy. Unless otherwise specified ratings shown are for less than carload quantities.

JOHN PRITZLAFF HARDWARE CO.

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MILWAUKEE

No. 6